

MELROSE PROJECT (WEST YILGARN)

First pass air core drilling programme identifies nickel mineralisation in near-surface weathered zone

Key Points

- Cauldron's maiden first pass shallow drilling programme at the Melrose Project has identified nickel mineralisation in saprolite above ultramafic rocks over a 600x200m north/south strike at Target 01;
- A total of 110 Air-Core holes for 4,248 metres were drilled to blade refusal with a maximum depth of 78m achieved and an average depth for all holes of 38.6m;
- 29 of 65 air-core holes along 6 drill fences over Target 01 have returned Nickel grades of 0.30% or above;
- Nickel drill hole mineralisation intervals vary from 1m up to 25m;
- Best intercepts were:
 - Hole MRAC0025: 11m@0.70%Ni from 37m;
 - Hole MRAC0026: 12m@1.00%Ni from 17m;
- Out of the 872 samples sent for laboratory assay:
 - 280 samples returned grades of 0.30% or above, up to 2.3% nickel;
 - 162 samples returned grades between 0.20% and 0.30% nickel; and,
 - 139 samples returned grades between 0.10% and 0.20% nickel.
- Intervals that averaged lower than 0.30% are not reported in this announcement;
- The mineralisation remains open to the north, to the south and in depth;
- Results from Targets 01 and 03 point to the minerals potential in underlying mafic/ultramafic bedrock; and
- A 4-hole, 846m RC drill programme to test the mineralisation continuity at depth has been conducted during the past fortnight with results expected in coming weeks.

Cauldron Energy Limited (**Cauldron** or the **Company**) (ASX: CXU) is pleased to advise that results from its first pass air-core (AC) drilling program at the Melrose Project have confirmed nickel (Ni) mineralisation in the weathered zone above ultramafic assemblage.

Cauldron CEO Jonathan Fisher commented:

"These near-surface results are an excellent geochemical pointer to the potential presence of underlying ultramafic basement-hosted polymetallic nickel-PGE mineralisation. This mineralisation type is well demonstrated at Chalice's world-class Julimar deposit to the south and we look forward to better evaluating this potential with follow-up RC drilling."

The maiden air-core drilling programme conducted by Cauldron at its Melrose Project has tested the near-surface potential of targets identified from magnetic and geochemical responses, see Figure 1. Also, refer to previous ASX announcements ASX:CXU 11 May 2023, ASX:CXU 9 October 2023, ASX:CXU 10 November 2023 and ASX:CXU 2 February 2024.

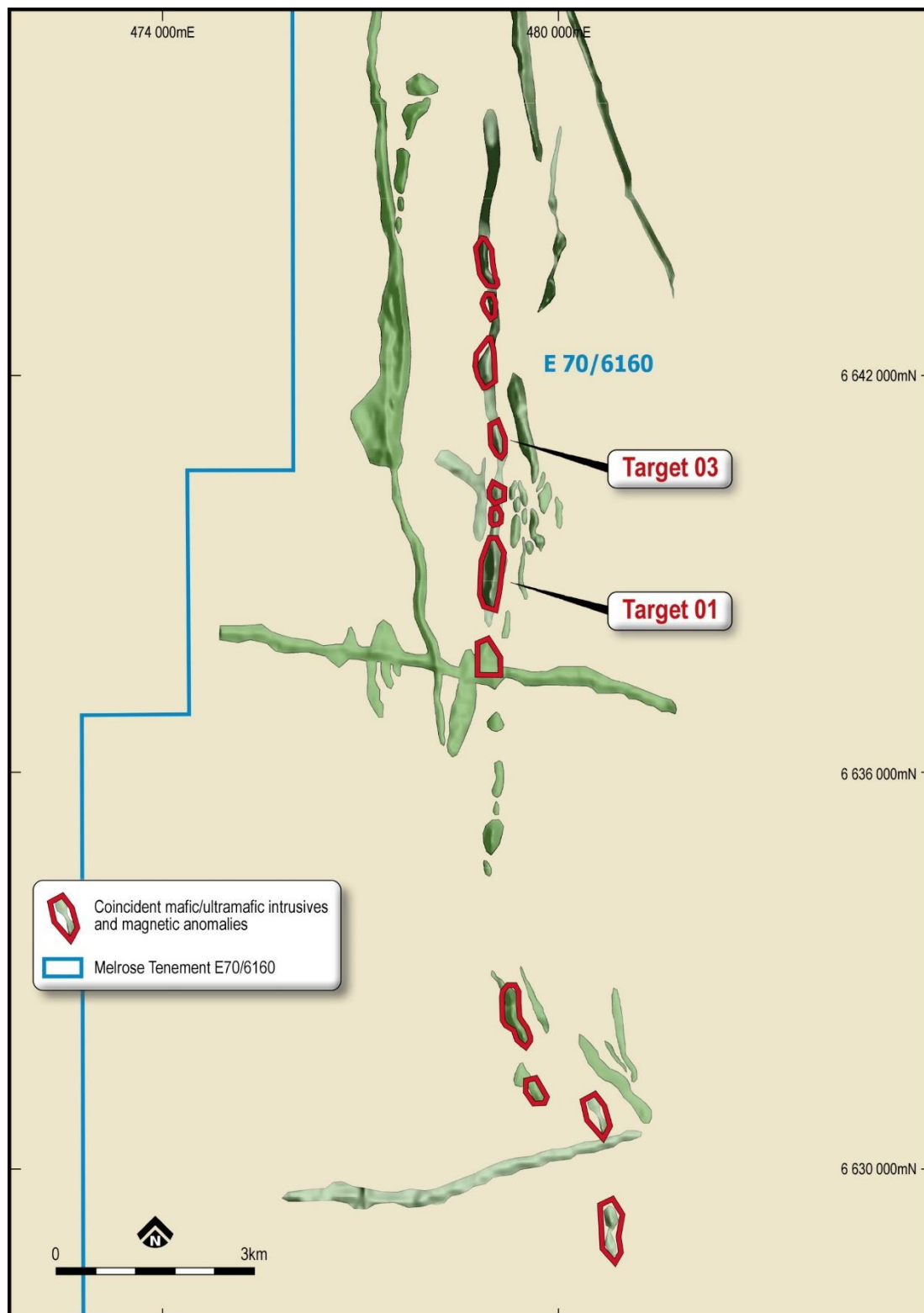


Figure 1: Plan map showing location of Targets 01 and 03 overlaid on coincident mafic/ultramafic intrusives and magnetic anomalies

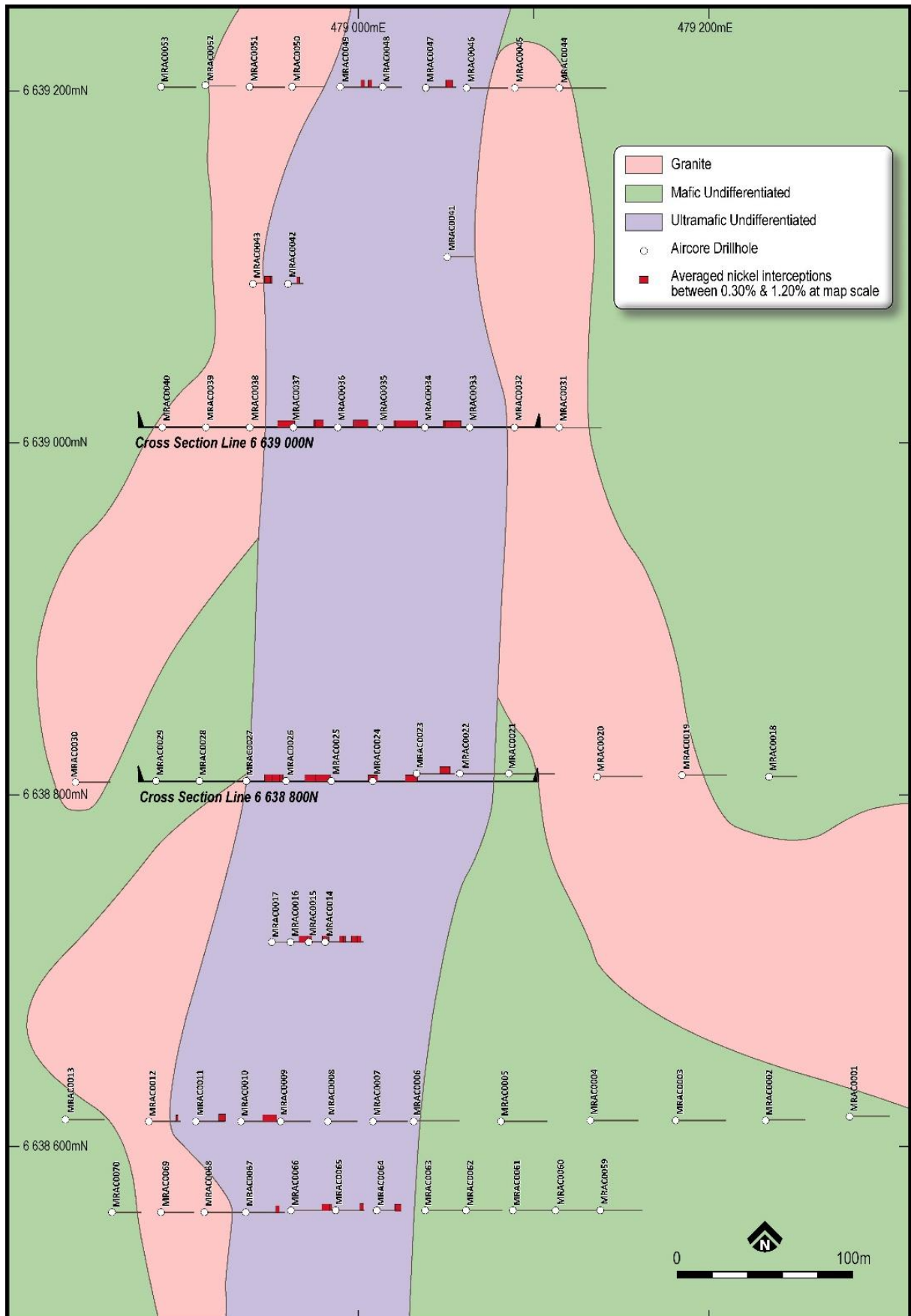


Figure 2: Plan map containing the bedrock interpreted geology, AC drill holes, and Ni interceptions above 0.30% at Target 01.

The best intercepts were found on sections 6,638,800mN (see Figure 2) and 6,639,000mN (see Figure 3).

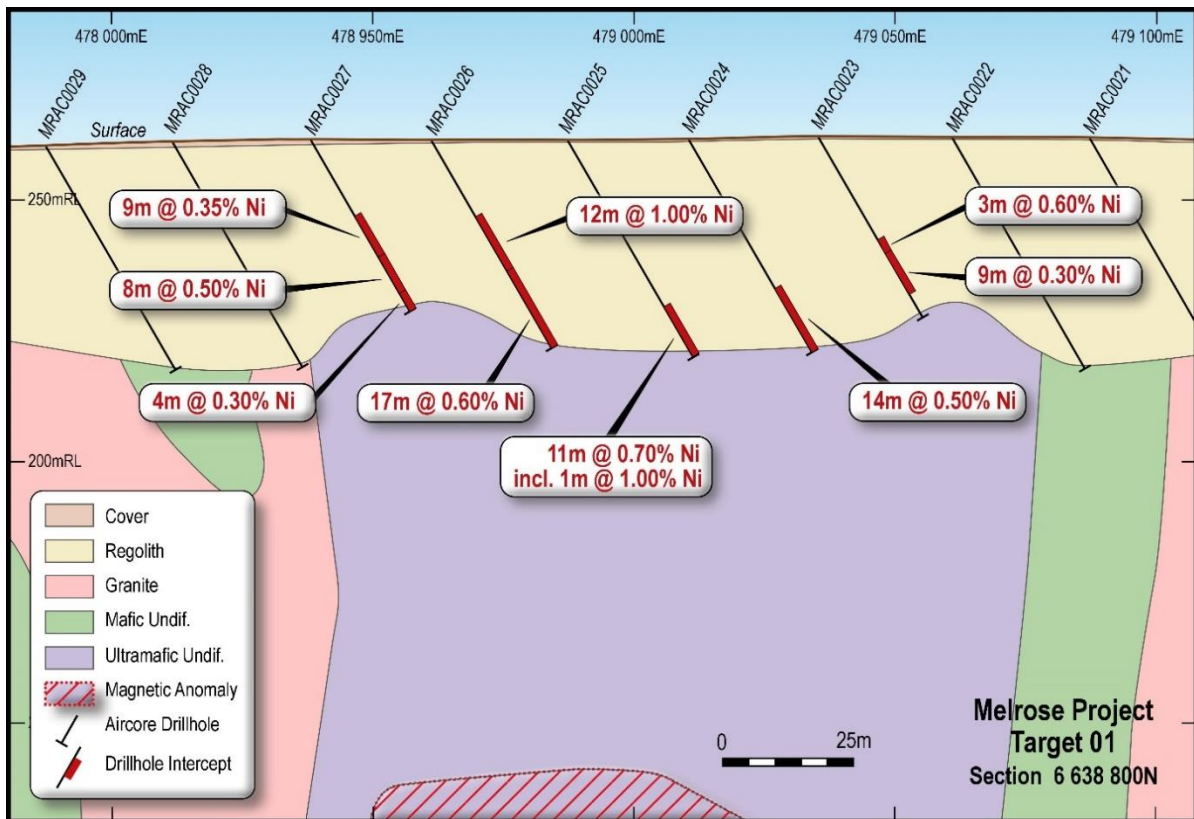


Figure 2: Section 663800N containing the bedrock interpreted geology, AC drill holes, the top of the inverted magnetic model, and Ni intercepts above 0.30% at Target 01.

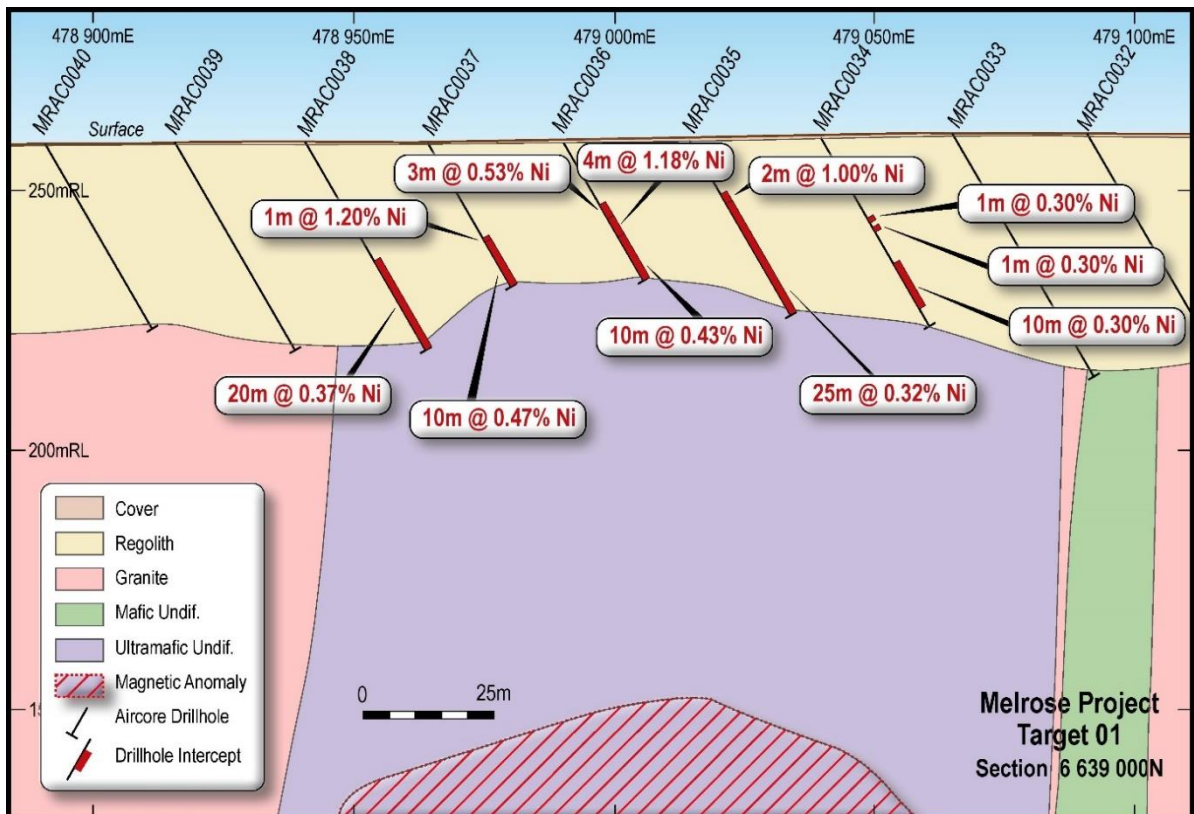


Figure 3: Section 663900N containing the bedrock interpreted geology, AC drill holes, the top of the inverted magnetic model, and Ni intercepts above 0.30% at Target 01.

Cauldron's Melrose Project lies in the Dalwallinu region of Western Australia, approximately 250kms north of Perth (see Figure 4).

Cauldron's Melrose Project lies near to the western margin of the Yilgarn Craton, ~125 km north of Julimar and ~15 km immediately south of Chalice's Barrabarra Project.

Melrose Project covers an area of approximately 1,428 km², is the largest contiguous polymetallic Ni-PGE prospective land-holding in the Barrabarra Greenstone Belt portion of the West Yilgarn Craton, and is on accessible private farmland where native title has been largely extinguished.

The maiden air-core drilling programme for Cauldron at the Melrose Project tested for the presence of near-surface mineralisation above 6 EM targets, and above or coincident with 2 magnetic and geochemical targets (see Figure 5). Also, refer to previous ASX announcements ASX:CXU 11 May 2023, ASX:CXU 9 October 2023, ASX:CXU 10 November 2023 and ASX:CXU 2 February 2024.



Figure 4: Location Map - Melrose Project.

The first pass drilling programme comprised 110 AC holes for 4,248 metres. (See Table 1)

Target	Categorey	Priority	Num. of drill holes
Target 01	Geochemical & Magnetic	1	65
Anomaly_8a	EM	2	5
Target 03	Geochemical & Magnetic	1	12
Anomaly_22	EM	2	4
Anomaly_2a	EM	2	8
Anomaly_1a	EM	2	5
Anomaly_1b	EM	2	4
Anomaly_C20	EM	3	7
Total			110

Table 1: Targets tested by the AC programme.

The drilling programme tested geochemical, airborne EM and magnetic targets, the initial observations from which were used to plan a follow up RC drilling programme, which has now concluded, refer following.

Samples collected from air-core drilling were screened using a portable X-Ray Fluorescence (pXRF) analyser at the drill site, and on this basis, 872 samples were selected and sent for multi-element geochemical analysis with only results equal to or above 0.30% Ni detailed in this announcement.

Of the 872 samples sent for laboratory assays:

- 280 samples returned grades equal to or above 0.30%, up to 2.30% nickel;
- 162 samples returned grades between 0.20% and 0.30% nickel; and
- 139 samples returned grades between 0.10% and 0.20% nickel.

A list of all intercepts equal to or above 0.30% Ni is shown in Table 2, below:

HOLE	INTERCEPTS
MRAC0064	<u>7m@0.30%Ni from16m</u>
MRAC0065	<u>4m@0.30%Ni from24m</u>
MRAC0066	<u>9m@0.37%Ni fron31m</u>
	<u>2m@0.70%Ni from40m</u>
MRAC0067	<u>4m@0.32%Ni from30m</u>
MRAC0007	<u>1m@0.31%Ni from26m</u>
MRAC0008	<u>1m@0.30%Ni from24m</u>
MRAC0009	<u>1m@0.32%Nifrom21m</u>
MRAC0010	<u>16m@0.32%Ni from20m</u>
MRAC0011	<u>7m@0.34%Ni from22m</u>
MRAC0012	<u>2m@0.31%Ni from27</u>
MRAC0014	<u>7m@0.35%Ni from26m</u>
	<u>4m@0.50%Ni from33m</u>
MRAC0015	<u>4m@0.48%Ni from31m</u>
	<u>3m@0.73%Ni from35m</u>
MRAC0016	<u>3m@0.52%Ni from32m</u>
	<u>3m@1.00%Ni from35m</u>
	<u>1m@0.52%Ni from38m</u>

HOLE	INTERCEPTS
MRAC0017	<u>9m@0.32%Ni from27m</u>
	<u>5m@0.63%Ni from36m</u>
MRAC0023	<u>3m@0.60%Ni from23m</u>
	<u>9m@0.30%Ni from26m</u>
MRAC0024	<u>14m@0.50%Ni from33m</u>
	<u>11m@0.73%Ni from37m</u>
MRAC0025	<u>Incl.1m@1.20%Ni from39m</u>
MRAC0026	<u>12m@1.00%Ni from17m</u>
	<u>17m@0.62%Ni from29m</u>
MRAC0027	<u>9m@0.35%Ni from17m</u>
	<u>8m@0.50%Ni from26m</u>
	<u>4m@0.30%Ni from34m</u>
MRAC0034	<u>1m@0.30% from18m</u>
	<u>1m@0.30% from20m</u>
	<u>10m@0.30% from28m</u>
MRAC0035	<u>2m@1.00% from12m</u>
	<u>25m@0.32% from14m</u>
MRAC0036	<u>3m@0.53% from14m</u>
	<u>4m@1.18% from17m</u>
	<u>10m@0.43% from21m</u>
MRAC0037	<u>1m@1.20%Ni from21m</u>
	<u>10m@0.47%Ni from22m</u>
MRAC0038	<u>20m@0.37% from26m</u>
MRAC0041	<u>1m@0.32%Ni from19m</u>
MRAC0042	<u>3m@0.33%Ni from06m</u>
	<u>1m@0.30%Ni from13m</u>
MRAC0043	<u>6m@0.33%Ni from09m</u>
	<u>2m@0.56%Ni from15m</u>
MRAC0047	<u>8m@0.36%Ni from19m</u>
MRAC0049	<u>1m@0.31%Ni from14m</u>
	<u>4m@0.30%Ni from19m</u>
	<u>4m@0.30%Ni from27m</u>

Table 2: List of all intervals of 0.30% Ni or above

Other aspects of the mineralisation, which remains open in all directions, are that elevated nickel is associated with cobalt (Co) and manganese (Mn). Furthermore, there is elevated cerium (Ce) associated with the Ni results above 1.00%. These geochemical associations are typical of what might be expected from a near surface (weathered) environment overlying the ultramafic dominant intrusion and/or greenstone assemblage. Cerium is a rare earth element, and its presence also indicates that the source of the mafic/ultramafic intrusion may be mantle derived. Copper is not elevated in these weathered rocks, which is unsurprising because of its geochemical mobility. The geological characteristics observed at T01 are very promising, including overlap of mafic/ultramafic rocks (interpreted to be possible intrusions) with magnetic anomalies observed along a regional trend, see Figure 6, and at other project locations.

Although the laboratory results only returned a 4 metre interval grading 0.10% Ni from 41 to 45 metres at hole MRAC0080, a positive result was observed at **Target 03** (see Figure 5) where a sulphide fragment was found immersed in clay in hole MRAC0077 from 61-62m depth. Although it was the only fresh sulphide found during the drilling work, its presence points to the possibility of a polymetallic, sulphide-hosted type mineralisation occurring at depth. The sulphides in the fragment are very fine-grained and it was therefore not possible to visually identify the sulphide mineral assemblage with certainty (see Photo 1).

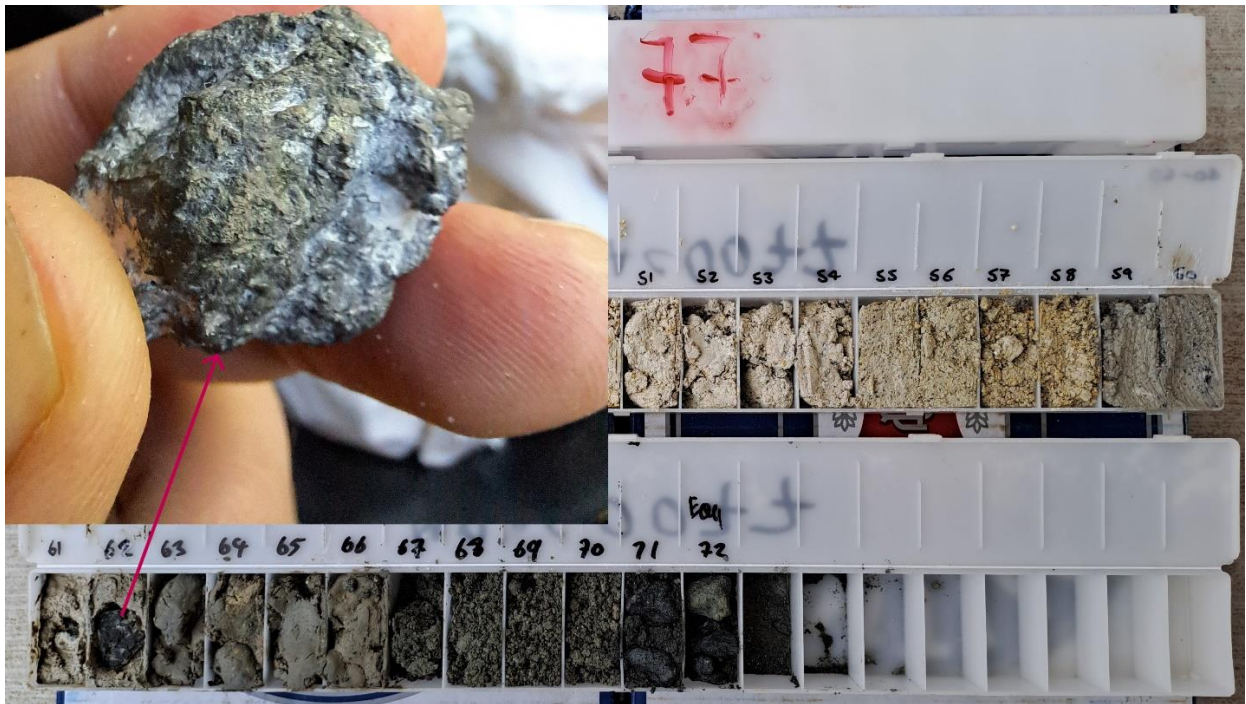


Photo 1: Sulphide fragment immersed in clay at Target 03, hole MRAC0077 from 61-62m depth. The sulphides in the fragment are very fine and it was not possible to visually identify the mineral assemblage with any confidence

Cautionary Statement: In relation to the disclosure of visual observations of mineralisation, the Company cautions that visual estimates of sulphide mineral abundance should never be considered a proxy or substitute for laboratory analysis where concentrations or grades are the factor of principal economic interest. Visual observations also potentially provide no information regarding impurities or deleterious physical properties relevant to valuations. Assay results are required to determine the widths and grade of the visible mineralisation reported in the preliminary geological logging. The Company will update the market when laboratory analytical results become available.

A 4 hole, 846m RC drill programme comprising of x3 holes at Target 01 and x1 hole at Target 03 has been conducted during March 2024 and has now concluded. The programme was initially intended to comprise of 6 holes for 1,500 metres (x4 at Target 01; x2 at Target 03), however, difficulties experienced during drilling caused the programme to finish earlier than anticipated. The RC programme was planned based on observations made during air-core drilling and based on historical exploration activities, and aims to test the continuity of mineralisation identified in the weathered zone to depth. Results can be expected in coming weeks.

TARGET BACKGROUND

Target 01 (see Figures 1, 2 & 3) is a 1km long coincident magnetic and EM anomaly with anomalous drill hole geochemistry ($>0.1\%$ Ni). Previous drilling at Target 01 returned 19m @ 0.32% Ni from 17m depth and 4m @ 0.47% Ni from 25m depth (ASX:CXU 11 May 2023).

Target 03 further north shows similar features to Target 01. (Figure 5 & Photo 1).

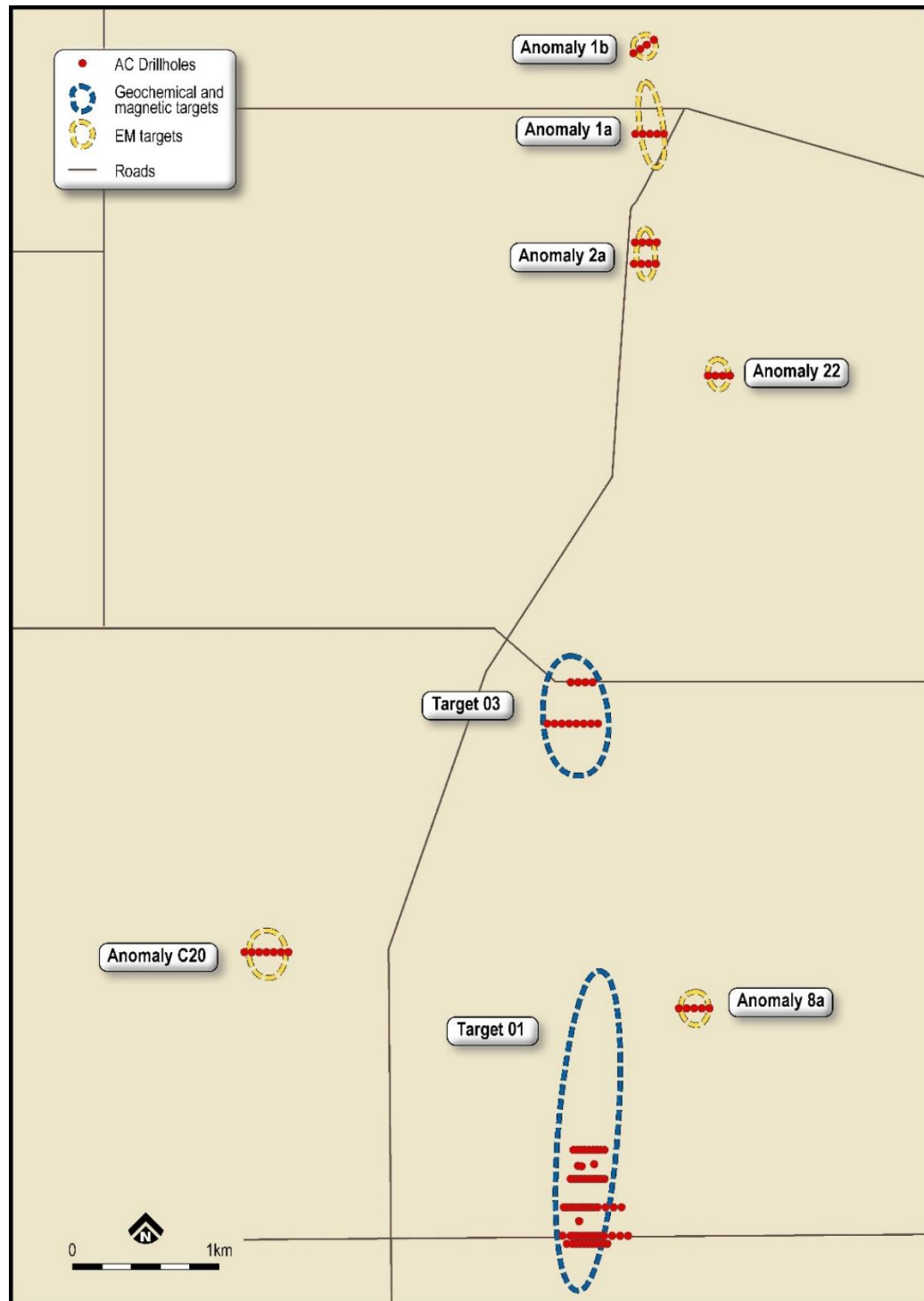


Figure 5: Map showing the distribution of the completed holes and targets tested.

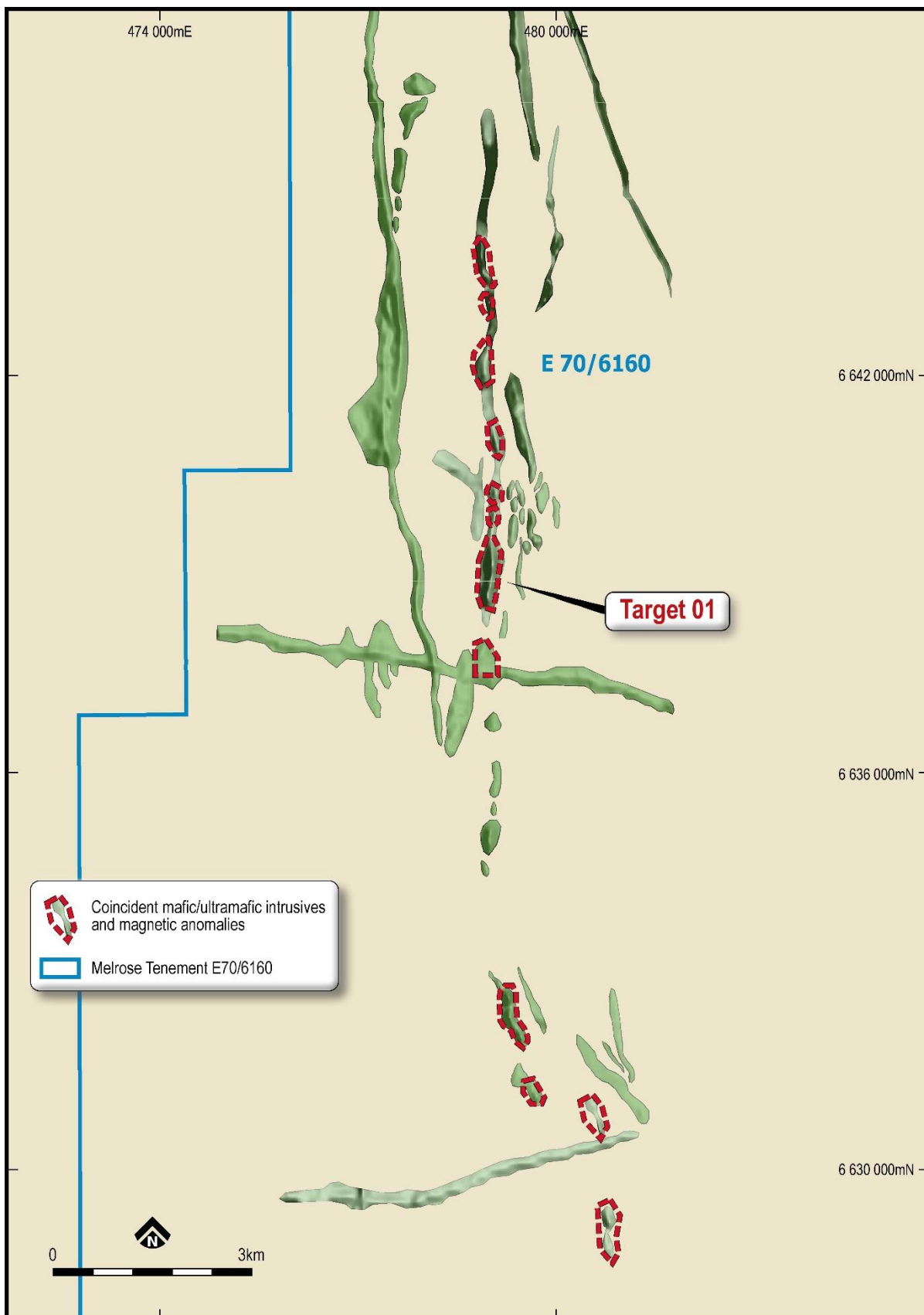


Figure 6: Coincident mafic/ultramafic intrusions and magnetic anomalies along a linear trend.

Melrose Project –Tenement Holdings

The Melrose Project covers an area of approximately 1,428 km² and comprises E70/6160 covering an area of ~169 km² and the area immediately west and south of E70/6160 covering a further area of ~1,338 km² represented by the granted tenements E70/6467, 6468 and 6469 and applications E70/6463 & 6466.

Of the areas pegged, two have recently been granted (E70/6467 and E70/6468), and three remain as tenement applications (E70/6463, 6466, and 6469).

Cauldron's Melrose Project is the largest contiguous Nickel-Copper-PGE prospective land-holding in the Barrabarra Greenstone Belt portion of the West Yilgarn Craton.

The Melrose Project area is 13 km south of Chalice's Barrabarra Ni-Cu-PGE project. Chalice have described Barrabarra as containing a ~15 km long unexplored interpreted mafic-ultramafic complex, with anomalous Ni-Cu in soils, and a similar geophysical signature to the Julimar Complex. Barrabarra is about 140 km north of Chalice's Julimar project.

On an adjacent tenement Nickel X has identified two very strong EM conductors associated with magnetic anomalies that they plan to drill test soon. Both Chalice and Nickel X are targeting Julimar style Ni-Cu-PGE deposits in the region (Figure 7).

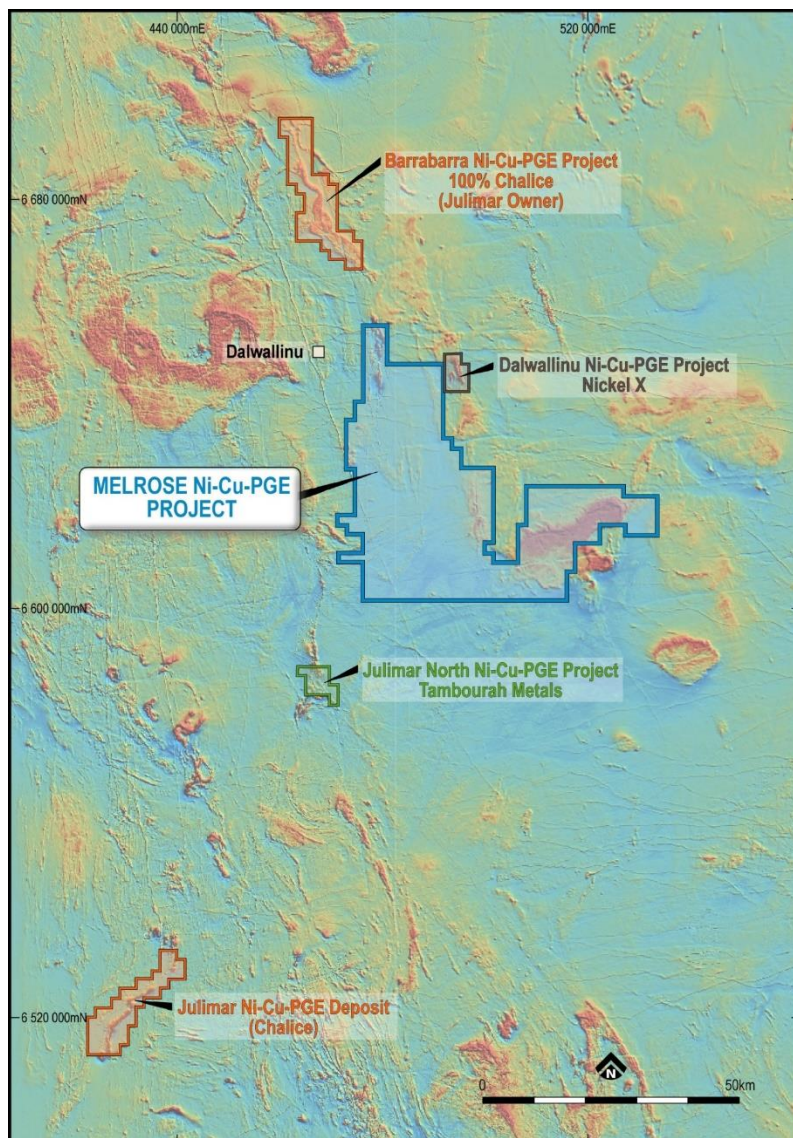


Figure 7: Melrose project - nearby projects over regional aeromagnetics

Authorisation For Release

Authorised for release by Mr Jonathan Fisher, Chief Executive Officer of Cauldron Energy Limited.

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Competent Person Statement

The information in this report that relates to Exploration Results for the Melrose Project, is based on information compiled by Mr. Angelo Socio who is a member of the Australian Institute of Geoscientists. Mr. Socio is an employee of Cauldron Energy Ltd and has sufficient experience relevant to the style of mineralisation and type of deposit under consideration and to the activity being undertaken to qualify as a Competent Person as defined in the 2012 Edition of the 'Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves' (JORC Code). Mr. Socio consents to the inclusion in this report of the matters based on his information in the form and context in which it appears.

This report also contains information that relates to exploration results extracted from company announcements released to the Australian Securities Exchange (ASX) listed in the table below and which are available to view at www.cauldronenergy.com.au and for which the Competent Persons' consents were obtained.

Unless otherwise stated, where reference is made to previous releases of exploration results in this announcement, the Company confirms that it is not aware of any new information or data that materially affects the information included in those announcements and all material assumptions and technical parameters underpinning the exploration results included in those announcements continue to apply and have not materially changed.

Date of Release	Title
11-May-2023	Option over Melrose Project, Dalwallinu, WA
11-May-2023	Additional Information - Melrose Project
3-Jul-2023	Highly promising Geophysical Response at Melrose Project
26-Jul-2023	Another Highly promising Geophysical Response at Melrose Project
9-October-2023	Melrose RM Survey Identifies Several Drill Targets
10-November-2023	Brief Corporate and Project Update
18-December-2023	Melrose Project (West Yilgarn) Drilling Commences
2-February-2024	Melrose Project Drilling Update
1-March-2024	Melrose Project Update – RC Drilling Programme Commenced

Disclaimer

This market update has been prepared by Cauldron Energy Limited ("Company"). The material contained in this market update is for information purposes only. This market update is not an offer or invitation for subscription or purchase of, or a recommendation in relation to, securities in the Company and neither this market update nor anything contained in it shall form the basis of any contract or commitment.

This market update may contain forward-looking statements. Forward-looking statements include, but are not limited to, statements concerning Cauldron Energy Limited's business plans, intentions, opportunities, expectations, capabilities, and other statements that are not historical facts. Forward-looking statements include those containing such words as could-plan-target-estimate-forecast-anticipate-indicate-expect-intend-may-potential-should or similar expressions. Such forward-looking statements are not guarantees of future performance and involve known and unknown risks, uncertainties, assumptions and other important factors, many of which are beyond the control of the Company, and which could cause actual results to differ from those expressed in this market update. Because actual results might differ materially to the information in this market update, the Company does not make, and this report should not be relied upon as, any representation or warranty as to the accuracy, or reasonableness, of the underlying assumptions and uncertainties. Investors are cautioned to view all forward-looking statements with caution and to not place undue reliance on such statements.

Section 1: Sampling Techniques and Data

Criteria	JORC Code explanation	Commentary
Sampling techniques	<i>Nature and quality of sampling (e.g. cut channels, random chips, or specific specialised industry standard measurement tools appropriate to the minerals under investigation, such as down hole gamma sondes, or handheld XRF instruments, etc). These examples should not be taken as limiting the broad meaning of sampling.</i>	Air core samples were collected directly from cyclone splitter into industry standard calico bags to obtain up to 3 kg of material representing every 1 metre drilled. Based on geological observations and screening using a portable XRF analyser, samples mainly over mafic/ultramafic bedrock were selected and submitted to ALS's laboratory in Wangara where they were subject to multi-element analysis. Multi-elements include: Au, Ag, Al, As, Ba, Be, Bi, Ca, Cd, Ce, Co, Cr, Cs, Cu, Dy, Er, Eu, Fe, Ga, Gd, Ge, Hf, Ho, In, K, La, Li, Lu, Mg, Mn, Mo, Na, Nb, Nd, Ni, P, Pb, Pr, Rb, Re, S, Sb, Sc, Se, Sm, Sn, Sr, Ta, Tb, Te, Th, Ti, Tm, U, V, W, Y, Yb, Zn, Zr. "Over-range" results were re-analysed.
	<i>Include reference to measures taken to ensure sample representivity and the appropriate calibration of any measurement tools or systems used.</i>	Samples were passed through the cyclone splitter to ensure thorough mixing before being bagged for analysis. Quality controls such as blanks and duplicates were included. Routine laboratory standards were also inserted by ALS.
	<i>Aspects of the determination of mineralisation that are Material to the Public Report.</i>	The samples were obtained from 110 air-core drill holes drilled during December 2023 and January 2024. The mineralisation shows characteristics of Ni laterite deposits. A table with the drill hole collar information and sample results is provided in the Appendix 1.
	<i>In cases where 'industry standard' work has been done this would be relatively simple (e.g. 'reverse circulation drilling was used to obtain 1 m samples from which 3 kg was pulverised to produce a 30 g charge for fire assay'). In other cases, more explanation may be required, such as where there is coarse gold that has inherent sampling problems. Unusual commodities or mineralisation types (e.g. submarine nodules) may warrant disclosure of detailed information.</i>	Air core drilling was used to obtain 1 m samples from which 3 kg was pulverised to produce two parcels of 30g each. One charge for ICP-MS (for all samples), and the other charge for fire assay. (only for a few samples selected for Au, Pt and Pd assays).
Drilling techniques	<i>Drill type (e.g. core, reverse circulation, open-hole hammer, rotary air blast, auger, Bangka, sonic, etc) and details (e.g. core diameter, triple or standard tube, depth of diamond tails, face-sampling bit or other type, whether core is oriented and if so, by what method, etc).</i>	Air-core drilling completed during December 2023 and January 2024.
Drill sample recovery	<i>Method of recording and assessing core and chip sample recoveries and results assessed.</i>	Cauldron geologists logged the drill holes and assessed the sample recovery during the process.
	<i>Measures taken to maximise sample recovery and ensure representative nature of the samples.</i>	Cauldron logged the drill holes and samples and used quality controls such as blanks, standards, and duplicates.

	<i>Whether a relationship exists between sample recovery and grade and whether sample bias may have occurred due to preferential loss/gain of fine/coarse material.</i>	Not applicable
Logging	<i>Whether core and chip samples have been geologically and geotechnically logged to a level of detail to support appropriate Mineral Resource estimation, mining studies and metallurgical studies.</i>	Cauldron geologists logged the drill holes and assessed the sample recovery during the process. Quality controls such as blanks, standards, and duplicates were also utilised.
	<i>Whether logging is qualitative or quantitative in nature. Core (or costean, channel, etc) photography.</i>	Cauldron geologists logged the geology and mineralogy descriptively. The logged intervals were sampled and sent for laboratory analysis.
	<i>The total length and percentage of the relevant intersections logged.</i>	The assay results were logged to the database and were used together with the geology and mineralogy information to establish Ni interceptions with are being reported in this announcement.
Sub-sampling techniques and sample preparation	<i>If core, whether cut or sawn and whether quarter, half or all core taken.</i>	No core drilling results are reported.
	<i>If non-core, whether riffled, tube sampled, rotary split, etc and whether sampled wet or dry.</i>	Cauldron collected a sample material directly from the cyclone splitter into industry standard calico bags to obtain up to 3 kg of material representing every 1 metre drilled. The remaining (approx. 90%) of sample material was collected in large green plastic bags (majority dry) from the cyclone splitter and put on the ground. Each bag contained sample material equivalent to a 1 metre interval. Notes were registered in the logging when there was a wet sample.
	<i>For all sample types, the nature, quality and appropriateness of the sample preparation technique.</i>	Sampling technique was appropriate and quality controls such as blanks and duplicates were included. Routine laboratory standards were also inserted by ALS.
	<i>Quality control procedures adopted for all sub-sampling stages to maximise representivity of samples.</i>	Cauldron geologists logged the drill holes and assessed the sample recovery during the process. Quality controls such as blanks, standards, and duplicates were also utilised.
	<i>Measures taken to ensure that the sampling is representative of the in-situ material collected, including for instance results for field duplicate/second-half sampling.</i>	Quality controls such as blanks, standards, and duplicates were also utilised.
	<i>Whether sample sizes are appropriate to the grain size of the material being sampled.</i>	The sample size is believed to be appropriate and will include further crushing and pulverising at the laboratory
Quality of assay data and laboratory tests	<i>The nature, quality and appropriateness of the assaying and laboratory procedures used and whether the technique is considered partial or total.</i>	The laboratory procedures used were considered appropriate and total in determining Ni, Co, Cr, and Cu plus 30 other elements by ICP-MS and to determine Au, Pt, and Pd by fire assay. (only for a few selected samples).
	<i>For geophysical tools, spectrometers, handheld XRF instruments, etc, the</i>	Not applicable.

	<i>parameters used in determining the analysis including instrument make and model, reading times, calibrations factors applied and their derivation, etc.</i>	
	<i>Nature of quality control procedures adopted (e.g. standards, blanks, duplicates, external laboratory checks) and whether acceptable levels of accuracy (i.e. lack of bias) and precision have been established.</i>	Quality controls such as blanks and duplicates were included. Routine laboratory standards were also inserted by ALS.
Verification of sampling and assaying	<i>The verification of significant intersections by either independent or alternative company personnel.</i>	Sampling technique was verified by Cauldron's Geologists and considered appropriate. Quality controls such as blanks and duplicates were included, and routine laboratory standards were also inserted by ALS.
	<i>The use of twinned holes.</i>	Not applicable.
	<i>Documentation of primary data, data entry procedures, data verification, data storage (physical and electronic) protocols.</i>	The assay results, the geology and the mineralogy logged information were reviewed by Cauldron Geologists, and intervals were matched and then stored into the company's Cloud database, which has controlled access.
	<i>Discuss any adjustment to assay data.</i>	No adjustments were performed to report the assay results, other than weighted grade average, to define grade values over the reported intervals.
Location of data points	<i>Accuracy and quality of surveys used to locate drill holes (collar and down-hole surveys), trenches, mine workings and other locations used in Mineral Resource estimation.</i>	Cauldron has surveyed the collar positions of the drill holes with differential RTK GPS, and the survey provided very high precision and accuracy. The quality of survey data is fit for the purpose of planning exploration programmes, generating targets for investigation, and further resource definition. No Mineral Resource or Ore Reserve has been estimated.
	<i>Specification of the grid system used.</i>	Cauldron utilised GDA2020 zone 50.
	<i>Quality and adequacy of topographic control.</i>	Cauldron has surveyed the collar of the drill holes with differential RTK GPS, and the survey provided very high precision and accuracy.
Data spacing and distribution	<i>Data spacing for reporting of Exploration Results.</i>	Most air-core drill holes are spaced along lines at between 50m and 25m W-E spacing, except for holes MRAC0014 to 17 with 20m space in the W-E drilling fences. The drill lines were 250-500m apart as shown in Figure 1.
	<i>Whether the data spacing and distribution is sufficient to establish the degree of geological and grade continuity appropriate for the Mineral Resource and Ore Reserve estimation procedure(s) and classifications applied.</i>	No Mineral Resources or Ore Reserves have been estimated.
	<i>Whether sample compositing has been applied.</i>	No sample compositing has been used.
Orientation of data in relation to geological structure	<i>Whether the orientation of sampling achieves unbiased sampling of possible structures and the extent to which this is known, considering the deposit type</i>	There is insufficient data to determine the orientation of any mineralised structures, however, the drill lines are thought to be oriented perpendicular to the potential strike of mineralisation.

	<i>If the relationship between the drilling orientation and the orientation of key mineralised structures is considered to have introduced a sampling bias, this should be assessed and reported if material.</i>	There is insufficient data to determine the orientation of any mineralised structures. However, the Ni mineralised intervals occur over mafic/ultramafic rocks trending NNE.
<i>Sample security</i>	<i>The measures taken to ensure sample security.</i>	Samples were loaded into Cauldron vehicles and transported directly to the assay laboratory, with no third parties involved.
<i>Audits or reviews</i>	<i>The results of any audits or reviews of sampling techniques and data.</i>	No audits have been conducted other than a review and double checking of data and sample locations.

Section 2: Report of Exploration Results

Criteria	JORC Code explanation	Commentary
<i>Mineral tenement and land tenure status</i>	<i>Type, reference name/number, location and ownership including agreements or material issues with third parties such as joint ventures, partnerships, overriding royalties, native title interests, historical sites, wilderness or national park and environmental settings.</i>	The Melrose polymetallic Ni-PGE Project comprises exploration tenements E70/6160 and E70/6463, 6466, 6467, 6468, 6469 covering a total area of 1,507 km ² over freehold farmlands where native title has mainly been extinguished.
	<i>The security of the tenure held at the time of reporting along with any known impediments to obtaining a licence to operate in the area.</i>	All tenements are in good standing and Cauldron is unaware of any impediments for exploration on these licences.
<i>Exploration done by other parties</i>	<i>Acknowledgment and appraisal of exploration by other parties.</i>	The exploration presented in this report regarding the EM survey and the 2023-2024 air-core drilling programme has been conducted by Cauldron Energy (or "Cauldron"). References to historic exploration activities were taken from IGO's Combined Annual Report 2005 to 2006 (Report No. 74505), and Combined Annual Report 2006 to 2007 (Report No. 77767) which the Western Australia Government made available for download to the public through the open file system: Western Australia Mineral Exploration Reports (WAMEX). The above-mentioned reports including related documents, data and assay results have been downloaded and reviewed by Cauldron and are considered to provide sufficient confidence that sampling was performed to adequate industry standards and is fit for the purpose of planning exploration programmes and generating targets for investigation.
<i>Geology</i>	<i>Deposit type, geological setting and style of mineralisation.</i>	The Melrose polymetallic Ni-PGE Project is located in the emerging West Yilgarn Ni-Cu-PGE province, which is host to a number of recent Nickel-Copper-PGE discoveries including the world class Julimar Nickel-Copper-PGE discovery. Target mineralisation is a magmatic nickel-copper-cobalt-PGE system such as Julimar. Orogenic and possible intrusion-related gold systems may also be found in the area.

Drill hole Information	A summary of all information material to the understanding of the exploration results including a tabulation of the following information for all Material drill holes: - o easting and northing of the drill hole collar - o elevation or RL (Reduced Level – elevation above sea level in metres) of the drill hole collar - o dip and azimuth of the hole - o down hole length and interception depth hole length.	All available drilling data reported in this announcement and its drill hole and assay information are available in the Appendix 1 and 2 at the end of this announcement.
	If the exclusion of this information is justified on the basis that the information is not Material and this exclusion does not detract from the understanding of the report, the Competent Person should clearly explain why this is the case.	The announcement pertains to an air-core drilling programme.
Data aggregation methods	In reporting Exploration Results, weighting averaging techniques, maximum and/or minimum grade truncations (e.g. cutting of high grades) and cut-off grades are usually Material and should be stated.	Weighted grade average was used to define grade values over the reported intervals. The cutoff utilised to define the intervals was the weighted average of 0.30% Ni. Intervals with a weighted average lower than 0.30% are not reported in this announcement.
	Where aggregate intercepts incorporate short lengths of high-grade results and longer lengths of low-grade results, the procedure used for such aggregation should be stated and some typical examples of such aggregations should be shown in detail.	No aggregated assay results are reported.
	The assumptions used for any reporting of metal equivalent values should be clearly stated.	No metal equivalent values are reported.
Relationship between mineralisation widths and intercept lengths	These relationships are particularly important in the reporting of Exploration Results.	The mineralisation shows characteristics of Ni laterite deposits. However, it is not possible with accuracy whether the Ni grades are horizontal, vertical, or other.
	If the geometry of the mineralisation with respect to the drill hole angle is known, its nature should be reported.	The mineralisation shows characteristics of Ni laterite deposits. However, it is not possible with accuracy whether the Ni grades are horizontal, vertical, or other.
	If it is not known and only the down hole lengths are reported, there should be a clear statement to this effect (e.g. 'down hole length, true width not known').	Maps and cross-sections showing the extent of the regolith Ni mineralisation are provided in the body of this announcement.
Diagrams	Appropriate maps and sections (with scales) and tabulations of intercepts should be included for any significant discovery being reported These should include, but not be limited to a plan view of drill hole collar locations and appropriate sectional views.	Appropriate maps and diagrams are provided in the body of this announcement. A table with the drill holes collar information and assay results is provided in Appendix 1.
Balanced reporting	Where comprehensive reporting of all Exploration Results is not practicable, representative reporting of both low and high grades and/or widths should be practiced to avoid misleading reporting of Exploration Results.	A table containing all the mineralised intervals with averaged Ni grades over 0.30% is reported in the body of this announcement. Also, the drill holes collar information and all assay results are provided in Appendix 1.

Other substantive exploration data	Other exploration data, if meaningful and material, should be reported including (but not limited to): geological observations; geophysical survey results; geochemical survey results; bulk samples – size and method of treatment; metallurgical test results; bulk density, groundwater, geotechnical and rock characteristics; potential deleterious or contaminating substances.	All material data is reported in the body of the announcement or in the Appendices
Further work	The nature and scale of planned further work (e.g. tests for lateral extensions or depth extensions or large-scale step-out drilling).	RC drilling was underway during preparing this announcement, with 4 holes were planned for T01 and 2 for T03.
	Diagrams clearly highlighting the areas of possible extensions, including the main geological interpretations and future drilling areas, provided this information is not commercially sensitive.	All diagrams are presented in the body of the announcement.

Appendix 1

1 - Air Core Collar data of the drill holes reported in this announcement.

Hole_ID	Plan Hole ID	Final_East	Final_North	RL	Survey Method	Surveyed By	Dip	Azimuth	Final Depth	EOH Status
MRAC0001	Prop084	479281.8	6638617.2	261	RTK	A.Socio	-60	90	44	Completed - Blade Refusal
MRAC0002	Prop083	479233.4	6638615.1	262	RTK	A.Socio	-60	90	44	Completed - Blade Refusal
MRAC0003	Prop082	479182.7	6638615.4	263	RTK	A.Socio	-60	90	52	Completed - Blade Refusal
MRAC0004	Prop081	479134.1	6638615.3	264	RTK	A.Socio	-60	90	50	Completed - Blade Refusal
MRAC0005	Prop080	479083.1	6638614.6	266	RTK	A.Socio	-60	90	49	Completed - Blade Refusal
MRAC0006	Prop079	479033.4	6638615	265	RTK	A.Socio	-60	90	48	Completed - Blade Refusal
MRAC0007	Prop118	479010.4	6638614.7	265	RTK	A.Socio	-60	90	36	Completed
MRAC0008	Prop078	478984.8	6638615.2	264	RTK	A.Socio	-60	90	29	Completed
MRAC0009	Prop117	478957.8	6638615.1	263	RTK	A.Socio	-60	90	30	Completed
MRAC0010	Prop077	478935.6	6638614.7	263	RTK	A.Socio	-60	90	36	Completed - Blade Refusal
MRAC0011	Prop116	478909.9	6638614.8	262	RTK	A.Socio	-60	90	29	Completed - Blade Refusal
MRAC0012	Prop076	478883	6638614.5	262	RTK	A.Socio	-60	90	32	Completed - Blade Refusal
MRAC0013	Prop075	478836.3	6638616.2	261	RTK	A.Socio	-60	90	39	Completed - Blade Refusal
MRAC0014	Prop115	478983.4	6638716.5	263	RTK	A.Socio	-60	90	39	Abandoned - Water Table
MRAC0015	Prop114	478974.2	6638716.7	263	RTK	A.Socio	-60	90	43	Completed - Blade Refusal
MRAC0016	Prop113	478963.7	6638716.6	263	RTK	A.Socio	-60	90	44	Completed - Blade Refusal
MRAC0017	Prop112	478953	6638716.2	262	RTK	A.Socio	-60	90	41	Completed - Blade Refusal
MRAC0018	Prop074	479235.4	6638810.6	260	RTK	A.Socio	-60	90	28	Completed - Blade Refusal
MRAC0019	Prop073	479186.2	6638811.4	260	RTK	A.Socio	-60	90	47	Completed - Blade Refusal
MRAC0020	Prop072	479137.7	6638810.2	261	RTK	A.Socio	-60	90	49	Completed - Blade Refusal
MRAC0021	Prop071	479087.3	6638811.8	262	RTK	A.Socio	-60	90	49	Completed - Blade Refusal
MRAC0022	Prop108	479060.6	6638812	262	RTK	A.Socio	-60	90	52	Completed - Blade Refusal
MRAC0023	Prop070	479035	6638812.3	262	RTK	A.Socio	-60	90	40	Completed - Blade Refusal
MRAC0024	Prop107	479010.4	6638808.5	262	RTK	A.Socio	-60	90	47	Completed - Blade Refusal
MRAC0025	Prop069	478987.2	6638808.6	261	RTK	A.Socio	-60	90	48	Completed - Blade Refusal
MRAC0026	Prop106	478961.2	6638807.9	261	RTK	A.Socio	-60	90	46	Completed - Blade Refusal
MRAC0027	Prop068	478938.2	6638808	262	RTK	A.Socio	-60	90	38	Completed - Blade Refusal
MRAC0028	Prop105	478911.6	6638808.1	261	RTK	A.Socio	-60	90	50	Completed - Blade Refusal
MRAC0029	Prop067	478887.3	6638808.1	260	RTK	A.Socio	-60	90	50	Completed - Blade Refusal
MRAC0030	Prop066	478838.5	6638807	259	RTK	A.Socio	-60	90	40	Completed - Blade Refusal
MRAC0031	Prop065	479116.5	6639009.1	261	RTK	A.Socio	-60	90	44	Completed - Blade Refusal
MRAC0032	Prop064	479090.9	6639009.5	261	RTK	A.Socio	-60	90	50	Completed - Blade Refusal
MRAC0033	Prop063	479065.1	6639009.5	261	RTK	A.Socio	-60	90	54	Completed - Blade Refusal
MRAC0034	Prop062	479039.6	6639009.4	261	RTK	A.Socio	-60	90	42	Completed - Blade Refusal
MRAC0035	Prop061	479014.5	6639009.5	260	RTK	A.Socio	-60	90	39	Completed - Blade Refusal
MRAC0036	Prop060	478990.2	6639009.4	260	RTK	A.Socio	-60	90	31	Completed - Blade Refusal
MRAC0037	Prop059	478964.4	6639009.6	259	RTK	A.Socio	-60	90	32	Completed - Blade Refusal
MRAC0038	Prop058	478941	6639009.5	259	RTK	A.Socio	-60	90	46	Completed - Blade Refusal
MRAC0039	Prop057	478915.8	6639009.5	259	RTK	A.Socio	-60	90	46	Completed - Blade Refusal

MRAC0040	Prop056	478890.7	6639009.3	259	RTK	A.Socio	-60	90	41	Completed - Blade Refusal
MRAC0041	Prop111	479052.6	6639105.8	260	RTK	A.Socio	-60	90	26	Completed - Blade Refusal
MRAC0042	Prop110	478962.2	6639090.9	259	RTK	A.Socio	-60	90	13	Completed - Blade Refusal
MRAC0043	Prop109	478942.3	6639090.5	259	RTK	A.Socio	-60	90	17	Completed - Blade Refusal
MRAC0044	Prop055	479116.9	6639201.3	261	RTK	A.Socio	-60	90	48	Completed - Blade Refusal
MRAC0045	Prop054	479091.6	6639201.6	261	RTK	A.Socio	-60	90	45	Completed - Blade Refusal
MRAC0046	Prop053	479064	6639201.6	260	RTK	A.Socio	-60	90	42	Abandoned - Water Table
MRAC0047	Prop052	479040.6	6639201.9	260	RTK	A.Socio	-60	90	30	Completed - Blade Refusal
MRAC0048	Prop051	479015.6	6639202	260	RTK	A.Socio	-60	90	18	Completed - Blade Refusal
MRAC0049	Prop050	478992.3	6639201.8	259	RTK	A.Socio	-60	90	40	Completed - Blade Refusal
MRAC0050	Prop049	478964.9	6639202.1	259	RTK	A.Socio	-60	90	32	Completed - Blade Refusal
MRAC0051	Prop048	478940.8	6639202.1	259	RTK	A.Socio	-60	90	35	Completed - Blade Refusal
MRAC0052	Prop047	478915.6	6639202.5	258	RTK	A.Socio	-60	90	30	Completed - Blade Refusal
MRAC0053	Prop046	478889.9	6639201.9	258	RTK	A.Socio	-60	90	36	Completed - Blade Refusal
MRAC0054	Prop045	479839.1	6640174.5	272	RTK	A.Socio	-60	90	18	Completed - Blade Refusal
MRAC0055	Prop044	479787.9	6640173.9	272	RTK	A.Socio	-60	90	31	Completed - Blade Refusal
MRAC0056	Prop043	479738.9	6640173.6	272	RTK	A.Socio	-60	90	11	Completed - Blade Refusal
MRAC0057	Prop042	479687.8	6640173.4	272	RTK	A.Socio	-60	90	11	Completed - Blade Refusal
MRAC0058	Prop041	479637.3	6640173.1	272	RTK	A.Socio	-60	90	7	Completed - Blade Refusal
MRAC0059	Prop096	479139.9	6638564.4	264	RTK	A.Socio	-60	90	43	Completed - Blade Refusal
MRAC0060	Prop095	479114.9	6638564	265	RTK	A.Socio	-60	90	42	Completed - Blade Refusal
MRAC0061	Prop094	479090.1	6638563.8	265	RTK	A.Socio	-60	90	40	Completed - Blade Refusal
MRAC0062	Prop093	479063.5	6638563.6	265	RTK	A.Socio	-60	90	37	Completed - Blade Refusal
MRAC0063	Prop092	479039.8	6638563.7	265	RTK	A.Socio	-60	90	44	Completed - Blade Refusal
MRAC0064	Prop091	479012.8	6638563.6	265	RTK	A.Socio	-60	90	23	Completed - Blade Refusal
MRAC0065	Prop090	478989	6638564.1	264	RTK	A.Socio	-60	90	29	Completed - Blade Refusal
MRAC0066	Prop089	478963.9	6638563.7	264	RTK	A.Socio	-60	90	42	Completed - Blade Refusal
MRAC0067	Prop088	478938.1	6638563.4	263	RTK	A.Socio	-60	90	40	Completed - Blade Refusal
MRAC0068	Prop087	478914.8	6638563.4	263	RTK	A.Socio	-60	90	38	Completed - Blade Refusal
MRAC0069	Prop086	478890.2	6638563.2	262	RTK	A.Socio	-60	90	33	Completed - Blade Refusal
MRAC0070	Prop085	478862.3	6638562.8	262	RTK	A.Socio	-60	90	29	Completed - Blade Refusal
MRAC0071	Prop033	479071.9	6642134	256	RTK	A.Socio	-60	90	41	Abandoned - Water Table
MRAC0072	Prop032	479023.5	6642135	256	RTK	A.Socio	-60	90	54	Completed - Blade Refusal
MRAC0073	Prop031	478970.2	6642135.4	256	RTK	A.Socio	-60	90	49	Completed - Blade Refusal
MRAC0074	Prop030	478923	6642135	256	RTK	A.Socio	-60	90	60	Abandoned - Water Table
MRAC0075	Prop029	478869.8	6642134.9	256	RTK	A.Socio	-60	90	56	Completed - Blade Refusal
MRAC0076	Prop028	478821.5	6642134.7	256	RTK	A.Socio	-60	90	66	Completed - Blade Refusal
MRAC0077	Prop027	478771.5	6642134.9	256	RTK	A.Socio	-60	90	72	Completed - Blade Refusal
MRAC0078	Prop026	478722.9	6642135.9	256	RTK	A.Socio	-60	90	72	Completed - Blade Refusal
MRAC0079	Prop025	479043.2	6642413.3	256	RTK	A.Socio	-60	90	52	Completed - Blade Refusal
MRAC0080	Prop024	478992.2	6642413.4	256	RTK	A.Socio	-60	90	46	Completed - Blade Refusal
MRAC0081	Prop023	478941.4	6642413.3	256	RTK	A.Socio	-60	90	45	Completed - Blade Refusal
MRAC0082	Prop022	478892.9	6642412.6	256	RTK	A.Socio	-60	90	60	Completed - Blade Refusal
MRAC0083	Prop021	479978.6	6644524.6	270	GPS	Gantumur	-60	90	19	Completed - Blade Refusal
MRAC0084	Prop020	479928.6	6644524.6	270	GPS	Gantumur	-60	90	16	Completed - Blade Refusal
MRAC0085	Prop019	479878.6	6644524.6	270	GPS	Gantumur	-60	90	23	Completed - Blade Refusal
MRAC0086	Prop018	479828.6	6644524.6	270	GPS	Gantumur	-60	90	23	Completed - Blade Refusal
MRAC0087	Prop017	479474.1	6645287.7	273	RTK	A.Socio	-60	90	36	Completed - Blade Refusal
MRAC0088	Prop016	479426.2	6645286.6	271	RTK	A.Socio	-60	90	17	Completed - Blade Refusal
MRAC0089	Prop015	479375.1	6645285.9	270	RTK	A.Socio	-60	90	26	Completed - Blade Refusal

MRAC0090	Prop014	479323.6	6645285.6	269	RTK	A.Socio	-60	90	19	Completed - Blade Refusal
MRAC0091	Prop013	479476.3	6645432.6	272	RTK	A.Socio	-60	90	9	Completed - Blade Refusal
MRAC0092	Prop012	479425.2	6645432.5	270	RTK	A.Socio	-60	90	31	Completed - Blade Refusal
MRAC0093	Prop011	479375.3	6645432.6	270	RTK	A.Socio	-60	90	31	Completed - Blade Refusal
MRAC0094	Prop010	479331.8	6645433	269	RTK	A.Socio	-60	90	39	Completed - Blade Refusal
MRAC0095	Prop009	479540.9	6646178	267	RTK	A.Socio	-60	90	37	Completed - Blade Refusal
MRAC0096	Prop008	479488.4	6646177.9	267	RTK	A.Socio	-60	90	31	Completed - Blade Refusal
MRAC0097	Prop007	479438.5	6646177.8	267	RTK	A.Socio	-60	90	19	Completed - Blade Refusal
MRAC0098	Prop006	479387.7	6646178.1	267	RTK	A.Socio	-60	90	12	Completed - Blade Refusal
MRAC0099	Prop005	479337.5	6646177.9	266	RTK	A.Socio	-60	90	3	Completed - Blade Refusal
MRAC0100	Prop004	479462.2	6646826.5	261	RTK	A.Socio	-60	90	34	Completed - Blade Refusal
MRAC0101	Prop003	479408.2	6646792.7	261	RTK	A.Socio	-60	90	37	Completed - Blade Refusal
MRAC0102	Prop002	479364.8	6646767.4	261	RTK	A.Socio	-60	90	23	Completed - Blade Refusal
MRAC0103	Prop001	479322.1	6646741.7	261	RTK	A.Socio	-60	90	25	Completed - Blade Refusal
MRAC0104	Prop040	476942.7	6640565.5	256	RTK	A.Socio	-60	90	52	Completed - Blade Refusal
MRAC0105	Prop039	476895.3	6640564.8	256	RTK	A.Socio	-60	90	64	Completed - Blade Refusal
MRAC0106	Prop038	476846	6640564.6	256	RTK	A.Socio	-60	90	68	Completed - Blade Refusal
MRAC0107	Prop037	476794.1	6640564.1	255	RTK	A.Socio	-60	90	78	Completed - Blade Refusal
MRAC0108	Prop036	476744.8	6640564.2	256	RTK	A.Socio	-60	90	72	Completed - Blade Refusal
MRAC0109	Prop035	476692.5	6640564.3	256	RTK	A.Socio	-60	90	55	Completed - Blade Refusal
MRAC0110	Prop034	476644.6	6640564.2	256	RTK	A.Socio	-60	90	52	Completed - Blade Refusal

2 - Air Core sample assay results from ALS laboratory.

ALS Batch	Hole_Id	Sample_No	m_From	m_To	Recvd Wt.	Pass75um	Au27_ppm	Pt_ppm	Pd_ppm	SiO2	Ag_ppm	Al_pct	As_ppm	Au_ppm	B_ppm	Ba_ppm	Be_ppm	Bi_ppm	Ca_pct	Cd_ppm	Ce_ppm	Co_ppm	Cr_ppm	Cs_ppm	Cu_ppm	Fe_pct	Ga_ppm	Ge_ppm	Hf_ppm	Hg_ppm	In_ppm
PH24009388	MRAC0004	MR00189	48	49	1.26	96				79849	0.02	1.48	0.5	<0.02	<10	150	0.81	0.07	0.02	0.02	45.8	14.4	88	2.94	16.4	2.51	5.85	0.06	0.49	0.01	0.015
PH24009388	MRAC0004	MR00190	49	50	1.09	94				50702	0.15	1.78	0.1	<0.02	<10	70	0.69	0.11	0.08	0.02	36.5	44.1	270	0.68	36.1	2.95	6.38	0.07	0.32	<0.01	0.02
PH24009388	MRAC0005	MR00235	44	45	2.62	88				56635	0.02	2.93	0.6	<0.02	<10	150	4.35	0.89	0.05	0.04	73.1	55.1	1155	0.53	102.5	9.13	19.3	0.26	0.24	<0.01	0.032
PH24009388	MRAC0006	MR00255	15	16	1.27	99				42501	<0.01	2.53	0.7	<0.02	10	50	0.43	0.86	0.01	<0.01	8.14	29.1	2670	0.07	72.6	8.62	27.3	0.07	0.24	0.01	0.069
PH24009388	MRAC0006	MR00256	16	17	1.18						<0.01	2.53	1.2	<0.02	10	10	0.64	0.41	0.01	0.01	6.45	49.5	2720	0.07	73.8	10.25	14.95	0.08	0.2	<0.01	0.065
PH24009388	MRAC0006	MR00285	45	46	2.53					249610	0.02	1.14	0.3	<0.02	<10	20	1.2	0.1	0.08	<0.01	73.4	12.6	186	0.36	7.7	2.26	6.07	0.09	0.28	0.01	0.013
PH24009388	MRAC0006	MR00286	46	47	1.91					290758	0.01	2.9	0.2	<0.02	<10	10	2.21	0.06	0.12	0.01	16.95	41.8	1525	0.26	6.7	6.24	15.45	0.08	0.26	<0.01	0.019
PH24009388	MRAC0006	MR00287	47	48	0.8					223725	0.01	1.97	0.1	<0.02	<10	10	1.02	0.1	0.25	<0.01	36.9	35.1	615	0.23	12.2	3.9	9.01	0.09	0.32	<0.01	0.009
PH24001042	MRAC0007	MR00309	21	22	1.57	97	<0.01	<0.01	0.01	108867	0.01	2.37	<0.1	<0.02	10	40	0.52	0.03	0.01	<0.01	174.5	17.4	410	7.03	14.4	3	16.5	0.32	1.45	0.01	0.023
PH24001042	MRAC0007	MR00310	22	23	0.84	99	<0.01	0.01	<0.01	194101	0.02	4.16	<0.1	<0.02	10	110	1.61	0.05	0.01	<0.01	145.5	49.7	2550	2.16	58.5	8.87	40.3	0.43	0.49	0.01	0.075
PH24001042	MRAC0007	MR00311	23	24	0.74		0.01	<0.01	<0.01	93451	0.01	2.26	<0.1	<0.02	10	170	1.24	0.03	0.01	0.01	39.5	55.7	2730	0.16	47.1	7.09	19.25	0.25	0.1	0.01	0.075
PH24001042	MRAC0007	MR00312	24	25	1.51	98	<0.01	<0.01	<0.01	60584	0.02	1.83	0.2	<0.02	10	70	0.95	0.03	0.01	0.02	179.5	38.9	1835	0.52	22.7	4.4	9.6	0.22	0.33	0.01	0.027
PH24001042	MRAC0007	MR00313	25	26	1.47	99	0.01	0.01	<0.01	67777	0.01	1.65	0.2	<0.02	10	180	1.53	0.04	0.01	0.01	27	52.7	2470	0.12	14.1	5.17	7.23	0.18	0.14	0.01	0.027
PH24001042	MRAC0007	MR00314	26	27	1.22		<0.01	<0.01	<0.01	44914	0.03	3.76	0.7	<0.02	<10	<10	1.51	0.1	0.02	<0.01	259	115	2710	0.11	22.1	6.54	10.95	0.45	0.21	0.01	0.068
PH24001042	MRAC0007	MR00315	27	28	1.94		<0.01	<0.01	<0.01	28279	0.01	1.98	0.7	<0.02	<10	170	1.66	0.07	0.01	<0.01	42	66	2320	0.11	9.6	5.37	7.51	0.26	0.16	<0.01	0.042
PH24001042	MRAC0007	MR00316	28	29	1.68		<0.01	0.01	<0.01	20323	0.02	2.03	<0.1	<0.02	<10	40	2.78	0.07	0.01	<0.01	75.6	71.5	2390	0.08	8.3	5.51	8.63	0.37	0.11	<0.01	0.031
PH24001042	MRAC0007	MR00317	29	30	1.53		0.01	<0.01	0.01	66577	0.01	1.57	1.4	<0.02	<10	50	4.61	0.08	0.01	0.02	143	118.5	1750	0.12	7.6	6.28	6.02	0.43	0.17	0.01	0.019
PH24001042	MRAC0007	MR00318	30	31	1.82		0.01	<0.01	0.01	134062	0.03	1.49	1.2	<0.02	10	60	5.48	0.09	0.03	0.02	131.5	160.5	1565	0.12	5.2	7.15	4.69	0.3	0.17	0.06	0.02
PH24001042	MRAC0007	MR00319	31	32	1.39		0.02	<0.01	0.01	46241	0.08	1.1	0.9	<0.02	<10	70	5.39	0.1	0.04	0.02	95.8	167	1195	0.18	4	7.07	3.84	0.24	0.17	0.09	0.014
PH24001042	MRAC0007	MR00320	32	33	1.05		0.01	<0.01	<0.01	170607	0.09	1.33	0.1	<0.02	10	20	2.17	0.06	0.05	0.01	25.9	177	1075	0.19	4.8	5.1	4.13	0.19	0.12	0.01	0.009
PH24001042	MRAC0007	MR00321	33	34	0.9		0.01	0.01	<0.01	13196	0.03	1.17	0.6	<0.02	10	<10	2.17	0.07	0.07	0.02	14.45	211	888	0.18	3.1	5.69	3.46	0.19	0.1	0.02	0.01
PH24009388	MRAC0008	MR00342	17	18	1.33					61800	0.08	2.66	0.4	<0.02	10	200	2.23	0.36	0.01	0.03	95.9	51.2	301	0.2	198.5	12.85	14.8	0.14	0.26	<0.01	0.096
PH24009388	MRAC0008	MR00343	18	19	1.53					65857	0.2	2.87	0.5	<0.02	10	310	2.26	0.59	0.02	0.05	167	84.3	375	1.52	274	11.35	13.4	0.16	0.24	0.01	0.088
PH24009388	MRAC0008	MR00344	19	20	1.11					55501	0.09	3.26	0.3	<0.02	10	170	2.96	6.86	0.02	0.04	175	230	511	4.17	313	10.9	14.5	0.17	0.26	0.02	0.087
PH24009388	MRAC0008	MR00345	20	21	1.31					39622	0.11	3.61	1	<0.02	10	180	2.88	4.79	0.03	0.04	328	343	422	5.85	349	11.35	14.05	0.23	0.19	0.01	0.088
PH24009388	MRAC0008	MR00346	21	22	1.61					90434	0.24	3.78	0.7	<0.02	10	310	2.86	2.08	0.05	0.06	187	573	440	5.05	330	10.7	13.15	0.25	0.19	<0.01	0.068
PH24009388	MRAC0008	MR00347	22	23	1.09					66286	0.36	3.69	0.6	<0.02	10	440	4.06	1.84	0.11	0.1	139	338	476	2.33	262	10.75	14.65	0.18	0.22	0.01	0.062
PH24009388	MRAC0008	MR00348	23	24	1					52645	0.12	4.33	1	<0.02	10	350	5.03	0.62	0.07	0.04	59.9	283	554	1.46	154	11.25	14.7	0.26	0.12	<0.01	0.065
PH24009388	MRAC0008	MR00349	24	25	1.92					72774	0.08	3.88	2.5	<0.02	10	210	8.48	0.56	0.03	0.11	51.4	278	1415	0.45	107	11.05	11.3	0.56	0.16	0.01	0.057
PH24009388	MRAC0008	MR00350	25	26	1.26					59527	0.08	1.5	1.4	0.06	<10	300	3.94	0.15	0.07	0.29	21.8	203	1255	0.18	31.9	8.02	4.78	0.48	0.13	<0.01	0.016
PH24009388	MRAC0008	MR00351	26	27	1.21					34417	0.04	1.94	1.8	0.07	<10	500	4.64	0.36	0.04	0.55	27.7	209	1965	0.17	57.2	11.85	6.19	0.27	0.26	0.02	0.027
PH24009388	MRAC0008	MR00352	27	28	1.37					59185	0.03	1.26	0.5	<0.02	10	90	2	0.11	0.04	0.11	7.53	144	1105	0.12	14.2	8.01	3.4	0.14	0.13	0.01	0.008
PH24009388	MRAC0008	MR00353	28	29	0.44					48665	0.04	1.44	0.7	<0.02	10	40	2.14	0.25	0.09	0.1	11.55	109	1170	0.26	90.7	8.34	4.18	0.16	0.12	0.01	0.016
PH24009397	MRAC0009	MR00370	16	17	1.99	92				98137	<0.01	2.3	1.1	<0.02	10	30	1.41	0.15	0.01	0.01	15.5	45.5	2510	0.12	9.6	13.9	18.6	0.14	0.35	0.06	0.034
PH24009397	MRAC0009	MR00371	17	18	1.35	96				64114	0.01	1.83	1	<0.02	10	30	1.14	0.13	0.01	0.01	10.4	38.4	1940	0.1	12.6	11.5	10.65	0.1	0.33	0.03	0.033
PH24009397	MRAC0009	MR00372	18	19	2.57	94				30847	<0.01	1.5	1.1	<0.02	<10	30	1.23	0.21	0.07	0.01	20.6	72.2	1430	0.25	30.2	8.68	6.13	0.08	0.25	0.01	0.036
PH24009397	MRAC0009	MR00373	19	20	1.35	90.1				99927	<0.01	2.55	1.1	<0.02	<10	20	2.15	0.21	0.06	0.02	16.8	117	2050	0.13	24.8	10.3	5.92	0.09	0.28	0.01	0.045
PH24009397	MRAC0009	MR00374	20	21	1.12					38831	<0.01	2.26	1.6	<0.02	10	10	2.87	0.23	0.03	0.02	8.71	130	2060	0.08	25.9	12.8	5.51	0.11	0.3	0.01	0.037
PH24009397	MRAC0009	MR00375	21	22	1.59					50298	<0.01	2.63	1.5	<0.02	10	10	3.72	0.26	0.07	0.04	21.6	172.5	1525	1.48	46.2	16.8	9.45	0.18	0.26	0.01	0.058
PH24009397	MRAC0009	MR00376	22	23	0.68					51883	<0.01	1.98	0.6	<0.02	<10	10	2.48	0.14	0.21	0.03	32.7	94	673	1.98	36.2	10.25	7.52	0.15	0.28	0.01	0.041
PH24009397	MRAC0009	MR00377	23	24	0.29					39513	0.01	1.9	0.6	<0.02	<10	20	1.95	0.12	0.27	0.03	30.6	84.5	699	1.59	27.5	8.65	6.56	0.15	0.31	0.01	0.038
PH24009397	MRAC0009	MR00378	24	25	0.6					21490	0.01	1.86	0.2	<0.02	<10	10	1.05	0.05	0.3	0.03	35.3	59.8	201	3.08	11.2	6.26	5.92	0.18	0.25	0.01	0.028
PH24009397	MRAC0009	MR																													

K_pct	La_ppm	Li_ppm	Mg_pct	Mn_ppm	Mo_ppm	Na_pct	Nb_ppm	Ni_ppm	P_ppm	Pb_ppm	Rb_ppm	Re_ppm	S_pct	Sb_ppm	Sc_ppm	Se_ppm	Sn_ppm	Sr_ppm	Ta_ppm	Te_ppm	Th_ppm	Ti_pct	Tl_ppm	U_ppm	V_ppm	W_ppm	Y_ppm	Zn_ppm	Zr_ppm	Ni_pct	Ce85_ppm
0.31	22	12.3	0.68	131	0.38	0.47	<0.05	53.1	70	11.7	28.5	<0.001	0.03	<0.05	5.1	<0.2	0.8	6.1	<0.01	<0.01	20	0.021	0.11	3.94	35	0.1	8.95	102	16.2		
0.19	19.2	19.6	1.4	235	1.15	0.57	<0.05	226	90	12.8	14.3	0.001	0.02	<0.05	4.5	0.3	0.7	5.4	<0.01	<0.01	16.2	0.014	0.07	2.2	31	31.7	11.1	136	9.1		
0.45	40.7	21.3	1.91	401	0.25	0.85	<0.05	523	230	86.6	20.6	0.001	0.03	0.05	15.5	0.4	1.4	13.5	0.01	<0.01	8.8	0.045	0.08	2.24	105	0.08	88.8	291	8		
0.07	4.2	1.5	0.3	84	0.05	0.66	<0.05	421	40	19.1	1.9	<0.001	0.07	<0.05	31.3	0.8	5	6.5	<0.01	0.03	38.7	0.029	<0.02	1.41	209	<0.05	3.68	61	4.8		
0.08	3.5	1.7	0.61	93	0.09	0.87	<0.05	748	40	18.5	2.2	<0.001	0.07	<0.05	46.2	0.6	3.6	8.4	<0.01	0.04	23	0.032	<0.02	1.36	225	<0.05	3.86	90	3.3		
0.1	36.9	5.9	0.71	180	0.51	0.37	<0.05	101	190	21.7	4.7	0.001	0.02	<0.05	6	0.6	0.8	7.6	<0.01	<0.01	19.4	0.01	0.03	6.08	27	0.31	61.8	50	6.8		
0.05	10	22.2	2.85	667	0.15	0.49	<0.05	434	120	30.8	1.9	0.001	0.02	<0.05	10.8	0.6	0.9	3.7	<0.01	0.01	5	0.028	<0.02	1.35	59	<0.05	10.5	116	6.7		
0.04	20.5	12.6	2.13	432	0.53	0.23	<0.05	359	280	16.1	2.6	<0.001	0.01	<0.05	4.2	0.4	0.6	3.5	<0.01	0.03	5.5	0.08	0.02	1.36	39	0.25	10.55	86	9.7		
0.15	123	4.6	0.49	107	0.05	0.52	0.06	180.5	150	14.3	47	0.001	0.05	<0.05	9.2	<0.2	7.1	9.4	0.01	0.02	123	<0.005	0.05	8.33	33	<0.05	35.6	65	28.7		
0.16	127	6.9	0.99	186	0.07	0.77	0.06	727	180	20.3	19.2	0.001	0.05	<0.05	23.6	0.5	4.7	13.4	0.01	0.01	55.4	0.01	0.04	9.01	72	<0.05	45	122	9.1		
0.11	66.1	6.2	1.29	122	0.06	0.87	<0.05	859	80	13.1	3.9	<0.001	0.05	<0.05	18	0.3	1.3	14.7	<0.01	<0.01	6.6	0.005	<0.02	3.78	47	<0.05	19.65	146	2.7		
0.09	71.9	5.9	1.51	95	0.1	0.57	<0.05	597	90	16.3	6	<0.001	0.04	<0.05	10.6	0.4	2.1	9.4	0.01	0.01	33.8	0.008	<0.02	3.98	34	<0.05	34.7	109	7.8		
0.08	14.4	7.4	1.65	107	0.1	0.63	<0.05	1025	50	16.6	2.6	<0.001	0.05	<0.05	16	0.3	2.5	10.6	<0.01	0.01	5.6	0.011	<0.02	4.86	49	<0.05	7.84	111	4.1		
0.12	129.5	18.8	4.57	232	0.1	1.28	<0.05	3170	110	27.5	3.4	0.002	0.04	<0.05	21.8	0.5	8.2	15.8	0.02	<0.01	4.7	0.015	<0.02	4.24	49	<0.05	118	256	4.5		
0.08	43.5	6.3	2.83	134	0.38	0.69	<0.05	1325	60	23.5	2.9	<0.001	0.04	<0.05	14.2	0.2	3.5	11.5	<0.01	<0.01	3.7	0.019	<0.02	3.63	40	0.09	16.7	105	4.5		
0.08	121	5.8	2.75	124	0.06	0.63	<0.05	1335	120	31.6	2.5	0.001	0.04	<0.05	13.8	0.3	2.2	9.7	0.01	<0.01	4	0.014	<0.02	5.36	45	0.28	50.8	88	3.2		
0.08	143.5	5.8	2.52	182	0.07	0.56	<0.05	2090	150	55.8	2.9	0.002	0.04	<0.05	11.4	0.7	1.2	10.8	0.03	<0.01	5.2	0.016	<0.02	3.3	37	0.4	173.5	89	4.9		
0.09	62.7	2.7	2.58	150	0.1	0.55	<0.05	2260	100	46.9	3.6	0.001	0.04	<0.05	9.3	0.4	1.1	10.1	0.02	<0.01	4.4	0.025	<0.02	1.85	36	0.46	129.5	71	6.4		
0.09	32.2	2	1.85	162	0.11	0.48	<0.05	2050	60	29.6	3.8	0.001	0.04	0.06	8.2	<0.2	0.9	8.9	0.01	<0.01	3.8	0.024	<0.02	0.94	30	0.51	65.1	55	5.8		
0.04	13.6	2.3	5.86	298	0.17	0.24	<0.05	1565	70	6.9	2.8	<0.001	0.04	<0.05	4.4	<0.2	0.5	3.6	<0.01	<0.01	6	0.017	<0.02	0.64	31	0.24	18.6	53	4.2		
0.05	6.2	2.3	5.23	252	0.28	0.25	<0.05	1680	60	3.8	2.4	<0.001	0.04	<0.05	4	<0.2	0.4	3.9	<0.01	<0.01	2.5	0.017	<0.02	0.46	27	0.43	10.25	48	4.2		
0.08	7.5	3.9	0.29	2370	0.08	0.43	<0.05	558	50	422	4.2	0.001	0.03	0.11	49.2	0.5	0.8	7	<0.01	0.09	1	0.093	0.19	1.6	378	<0.05	7.93	104	4		
0.12	9.6	3.9	0.54	2550	0.11	0.57	<0.05	887	40	372	14.6	<0.001	0.03	0.1	48.5	0.3	0.6	12.1	<0.01	0.11	0.9	0.077	0.23	2.12	325	<0.05	9.39	168	3.1		
0.17	9.2	6.6	0.65	2470	0.11	0.64	<0.05	1070	50	437	51.7	<0.001	0.02	0.09	46.7	0.2	1.5	15.7	<0.01	0.13	0.7	0.071	0.16	2.41	310	<0.05	12.05	250	4.8		
0.23	12.8	9.5	0.82	4100	0.1	0.7	<0.05	1160	50	787	76.7	<0.001	0.02	0.08	46.1	0.9	1.9	19.2	<0.01	0.09	1.2	0.086	0.31	1.84	290	<0.05	38.2	381	3.1		
0.26	15.3	12.2	1.24	6580	0.12	0.81	<0.05	1935	50	635	76.8	0.001	0.02	<0.05	44.6	0.6	1.3	26	0.01	0.06	1	0.048	0.58	1.31	243	<0.05	79.1	802	2.7		
0.18	16.8	8.4	1.05	5920	0.12	0.71	<0.05	1470	40	526	32.9	0.001	0.02	<0.05	42	0.3	1	35.8	<0.01	0.06	1.3	0.05	0.59	1.01	229	<0.05	28.4	571	3.9		
0.18	34.1	10.4	2.33	4400	0.11	0.82	<0.05	2770	60	106	21.2	0.002	0.02	<0.05	42.8	1	1.7	27.9	0.01	0.02	1.8	0.043	0.51	1.12	181	<0.05	113.5	510	2.5		
0.12	179	9.4	3.94	2730	0.18	0.65	<0.05	3000	160	92	7.3	0.001	0.02	0.05	32.8	2.1	1.8	20.6	0.02	0.04	1.7	0.037	0.24	1.64	148	0.22	197.5	365	3.8		
0.07	167.5	1.7	2.87	4600	0.18	0.38	<0.05	2340	130	19.7	3.4	0.002	0.02	0.08	6.2	0.8	0.3	35.2	0.02	0.04	2.2	0.019	0.49	0.75	46	0.49	146	159	5.3		
0.17	49	1.8	2.6	10450	0.18	0.73	<0.05	2800	90	45.6	4.8	<0.001	0.03	0.07	18.1	1.5	0.6	91.7	0.01	0.05	3.3	0.033	1.64	0.9	92	1.59	141	158	9.9		
0.06	16	1.9	5.15	1910	0.12	0.36	<0.05	2180	30	9.8	2.4	<0.001	0.02	<0.05	5.6	0.5	0.3	15.9	<0.01	<0.01	2.2	0.02	0.1	0.4	30	0.91	30.8	78	5.2		
0.05	17.3	2.3	5.33	1055	0.27	0.32	<0.05	1900	50	18.2	3.9	<0.001	0.02	0.06	7.2	0.7	0.3	10.5	<0.01	0.01	2.3	0.031	0.06	0.52	48	0.59	23.4	81	4.2		
0.03	5.4	8.4	0.09	350	0.36	0.13	0.05	535	20	33.2	1.5	<0.001	0.02	0.11	14.2	0.9	0.6	6.8	<0.01	0.07	6.4	0.031	0.02	11.35	170	0.17	6.72	29	10.4		
0.03	3.1	2.9	0.1	152	0.35	0.17	<0.05	497	10	35	1.6	<0.001	0.02	0.07	18.3	0.6	0.5	5.9	<0.01	0.03	3.7	0.028	<0.02	6.61	112	0.34	3.81	25	7.3		
0.06	10.6	2.2	0.53	222	0.26	0.4	<0.05	1195	30	49.1	3.6	<0.001	0.02	0.07	24.6	0.7	0.6	14.7	<0.01	0.02	6.5	0.021	0.03	3.24	95	0.65	8.15	44	4.8		
0.06	5.5	3.2	2.18	185	0.18	0.51	<0.05	2250	30	49.7	2.8	<0.001	0.02	0.05	32.1	0.8	0.8	17.7	<0.01	0.01	4.9	0.015	<0.02	4.4	99	0.87	5.85	49	5.9		
0.05	3.9	2.3	1.23	158	0.21	0.44	<0.05	2470	20	61.1	2	<0.001	0.02	<0.05	29.7	0.8	0.8	15.2	<0.01	0.03	3.8	0.021	<0.02	4.86	79	0.53	5.88	52	7.2		
0.09	9.2	2.6	0.9	254	0.13	0.52	<0.05	3220	40	104.5	11.2	0.001	0.02	<0.05	33.1	0.9	0.9	20.4	<0.01	0.02	2.4	0.048	0.03	4.9	138	<0.05	11.95	108	6		
0.08	20.9	2.5	0.68	196	0.09	0.39	<0.05	1740	50	77	16.8	<0.001	0.01	0.05	31.1	0.3	0.5	25.4	0.01	0.01	1.6	0.052	0.03	2.92	132	<0.05	19.2	115	4.9		
0.07	20.3	2.6	0.63	198	0.13	0.32	<0.05	1480	40	57.9	13.8	<0.001	0.01	0.06	26.1	0.2	0.5	27.9	<0.01	0.01	1.4	0.05	0.03	2.3	110	<0.05	17.1	95	5.7		
0.11	39.8	6.2	0.82	235	0.05	0.39	<0.05	836	40	24.2	34.3	0.001	0.01	<0.05	26.3	0.4	0.3	25.2	<0.01	<0.01	0.5	0.058	0.07	0.47	80	<0.05	22.2	127	3.6		
0.07	24.1	4.6	0.81	348	0.09	0.32	<0.05	823	40	52.2	11.8	0.001	0.01	0.06	20.1	0.3	0.3	30.3	0.01	<0.01	0.4	0.055	0.03	0.97	90	<0.05	26.1	129	3		
0.09	20.6	3.6	0.72	283	0.13</																										

0.02	11	0.9	1.14	789	0.17	0.4	<0.05	3260	70	41.5	0.8	<0.001	0.03	0.09	38.9	0.4	0.5	6.3	0.01	0.01	2	0.062	0.02	5.26	84	1.06	23.3	34	10.6		
0.04	12.8	0.9	1.34	799	0.18	0.56	<0.05	3550	60	46	1.2	<0.001	0.03	0.09	43.2	0.8	0.7	9	0.01	0.01	2.6	0.047	0.02	6.12	90	0.85	22.4	42	10.6		
0.04	17.1	0.9	1.26	1215	0.2	0.49	<0.05	3440	60	46.6	1.3	<0.001	0.03	0.06	35.9	0.8	0.7	8.5	0.01	0.01	2	0.053	0.04	5.99	88	0.86	29.6	55	10.2		
0.03	17	1	1.18	654	0.36	0.45	<0.05	2720	40	24.4	1.8	<0.001	0.03	0.07	28.1	0.9	0.6	7.2	0.01	<0.01	1.8	0.054	0.03	3.72	62	0.99	21.1	50	8.4		
0.04	18.8	1.5	2.55	650	0.34	0.52	<0.05	3370	40	26.1	1.6	<0.001	0.04	0.07	27.8	0.8	0.8	7.8	0.01	0.02	1.3	0.067	0.02	3.27	70	0.88	20.4	56	8.2		
0.04	19.9	1.7	7.01	445	0.26	0.45	<0.05	4240	20	15	2.3	<0.001	0.03	<0.05	15.1	0.5	0.3	6.6	<0.01	0.01	0.8	0.04	0.02	1.6	31	0.65	17.2	45	4.2		
0.03	12	2.5	11.5	573	0.31	0.24	<0.05	3150	10	7.4	2	<0.001	0.02	<0.05	9.1	0.2	0.2	3.9	<0.01	<0.01	0.6	0.025	0.02	1.14	25	0.35	9.55	26	2.6		
0.08	16.8	1.9	0.38	3510	0.21	0.37	<0.05	976	50	42.7	3.1	<0.001	0.02	0.07	46.3	0.2	1.4	12.2	<0.01	0.02	2.5	0.061	0.37	2.12	200	0.09	13.95	75	6.8		
0.06	17.1	2.9	0.45	2750	0.2	0.38	<0.05	1095	60	34.1	1.9	0.001	0.02	<0.05	53.9	0.3	1.4	13.8	<0.01	0.02	3.2	0.044	0.37	2.21	165	0.14	22.1	84	7.6		
0.05	13.6	1.9	0.46	2220	0.18	0.39	<0.05	1255	30	36.7	1.6	<0.001	0.02	<0.05	53.5	0.2	3.6	13.1	<0.01	0.03	4.6	0.026	0.37	2.09	141	0.14	20.3	80	7.5		
0.07	8.2	1.9	0.68	2050	0.18	0.54	<0.05	1235	30	29	2	<0.001	0.02	<0.05	63.9	0.5	3.3	18.9	<0.01	0.01	4.6	0.015	0.43	1.42	108	0.12	10.9	74	2.9		
0.09	4.7	2.5	0.94	1030	0.12	0.67	<0.05	1505	20	16.9	2.8	<0.001	0.03	<0.05	95.8	0.2	2.1	24.5	<0.01	0.01	7	0.014	0.22	0.78	69	0.07	5.73	85	3		
0.09	6.8	2.6	0.88	777	0.2	0.66	<0.05	2350	30	17.7	3	<0.001	0.03	0.08	108	0.4	2.4	24.3	<0.01	<0.01	10.6	0.057	0.14	0.88	115	0.28	13.55	72	18.2		
0.07	9.4	2.7	1.03	924	0.33	0.59	<0.05	3290	60	12.9	2.7	<0.001	0.03	0.05	105.5	0.8	1.7	19.9	<0.01	0.01	11.2	0.054	0.11	1.08	99	0.31	25.4	70	24.9		
0.04	14.1	2.2	1.35	1115	0.43	0.36	<0.05	2800	60	13.9	1.7	0.001	0.02	0.07	38.7	0.6	1.1	9.2	<0.01	0.01	5.8	0.039	0.08	1.7	86	0.37	28.2	58	13.7		
0.05	26.1	2.2	1.86	606	0.29	0.41	<0.05	3860	50	5	1.9	0.001	0.02	<0.05	27	0.6	0.7	12.6	0.01	<0.01	3.6	0.045	0.03	0.88	49	0.39	45.7	51	8.5		
0.05	54.9	2.1	1.33	646	0.34	0.43	<0.05	4010	80	5.9	2.5	0.001	0.03	0.05	33.7	0.7	0.7	12.2	0.01	0.01	6.5	0.043	0.02	1.19	54	0.84	96.8	53	13.2		
0.07	48.8	2.1	1.71	477	0.44	0.4	<0.05	3370	50	3.9	4.9	0.001	0.02	<0.05	17.1	0.6	0.3	11.6	0.01	<0.01	3.1	0.033	0.02	0.53	28	0.29	65.1	38	5.8		
0.04	21.1	2.2	6.81	1205	0.26	0.26	<0.05	3790	20	2.6	2.8	<0.001	0.02	<0.05	9	0.6	0.2	12	<0.01	0.01	0.6	0.027	0.03	0.95	20	0.37	30.5	24	2.6		
0.03	18.8	2.3	10.35	1260	0.4	0.19	<0.05	2730	20	3.5	2.6	0.001	0.02	<0.05	10.5	<0.2	0.2	8.2	<0.01	0.01	1.3	0.024	0.03	0.94	27	0.57	25.1	25	3.5		
0.07	69.2	3	0.5	2040	0.19	0.34	<0.05	482	110	164	3.8	<0.001	0.01	<0.05	13.7	<0.2	0.6	10.4	<0.01	<0.01	29	<0.005	0.21	3.51	84	0.14	15.05	128	6.3		
0.06	113	3.2	0.62	554	0.22	0.34	<0.05	643	160	104	5.1	0.001	0.01	<0.05	12.2	0.5	0.7	10.5	<0.01	<0.01	31.5	0.005	0.1	4.27	57	0.09	30.1	275	6.7		
0.06	91.8	2.9	0.6	444	0.37	0.31	<0.05	845	120	113	3.9	<0.001	0.01	<0.05	16.1	0.4	0.6	10	<0.01	0.01	36	0.008	0.05	2.97	52	0.11	30.8	508	15.9		
0.08	112	4.5	0.86	1085	0.15	0.52	<0.05	2220	200	305	6.2	0.001	0.02	0.06	37	0.5	0.7	16.9	0.01	0.01	31.6	0.03	0.09	6.93	174	0.1	40	334	17.4		
0.09	123	11.9	1.73	988	0.14	0.54	<0.05	2940	180	136.5	4.6	0.001	0.01	0.09	39.8	0.8	0.6	23.3	0.01	<0.01	21.3	0.078	0.07	2.38	155	<0.05	49.1	301	13.4		
0.05	78.2	11.6	2.5	671	0.13	0.39	<0.05	3330	130	71.7	2.8	0.001	0.01	<0.05	19.3	0.3	0.3	10.2	0.01	<0.01	7.2	0.044	0.04	1.78	77	0.05	75.8	251	6.8		
0.05	75.8	3.6	2.36	690	0.12	0.34	<0.05	2130	120	91.7	2.3	<0.001	0.02	0.07	12.9	0.3	0.2	11.8	0.01	<0.01	6.5	0.034	0.04	1.44	62	0.18	85.5	136	6.7		
0.04	29.2	2.7	4.43	615	0.11	0.3	<0.05	1925	60	18.2	2	<0.001	0.02	0.05	10.6	<0.2	0.2	8	<0.01	0.02	4	0.028	0.03	0.63	47	0.23	37.3	63	5.4		
0.04	20	2.5	5.74	2040	0.18	0.26	<0.05	1875	40	13.9	2.2	<0.001	0.02	0.05	9.3	<0.2	0.2	7.9	<0.01	<0.01	4.1	0.025	0.03	0.56	43	0.25	16.45	50	4.4		
0.71	5.5	13.9	1.28	742	0.43	0.32	<0.05	255	300	9.8	109.5	<0.001	0.02	<0.05	14.6	0.2	4.5	11.8	<0.01	<0.01	4.8	0.163	0.54	2	113	0.2	15.9	111	5.8		
0.04	16.7	3.9	0.28	56	0.5	0.11	0.09	106	30	10.8	4.4	<0.001	0.04	0.06	8.8	<0.2	0.6	144	<0.01	0.18	10.4	0.012	0.05	1.79	140	0.08	12.5	7	18.3		
0.12	4.6	2.6	0.24	90	0.25	0.23	<0.05	192	20	7.8	9.3	<0.001	0.03	<0.05	7.6	0.3	0.4	48.2	<0.01	0.08	8.7	0.009	0.05	1.65	124	0.06	4.96	11	10.4		
0.06	2.6	2.4	0.13	129	0.32	0.14	0.08	255	20	12.1	5.4	<0.001	0.04	0.05	11.7	<0.2	0.5	15.8	<0.01	0.13	8	0.016	0.03	2.11	335	0.06	3.41	14	16		
0.05	2.5	1.8	0.1	133	0.15	0.15	<0.05	219	20	7.6	4.4	<0.001	0.04	<0.05	11.2	0.3	0.4	12.5	<0.01	0.1	5.1	0.016	0.02	2.63	139	0.06	2.74	20	9.4		
0.07	1.5	1.6	0.09	107	0.08	0.19	<0.05	188.5	10	6.4	4.8	<0.001	0.04	<0.05	8.5	0.3	0.3	26.4	<0.01	0.1	3.4	0.009	<0.02	3.82	111	<0.05	1.67	14	5.8		
0.04	1.8	2.5	0.07	114	0.18	0.13	<0.05	318	20	11.9	3.2	<0.001	0.04	0.06	15.8	0.3	0.5	9.6	<0.01	0.14	7.1	0.013	<0.02	9.04	284	0.06	2.49	23	14.5		
0.04	1.9	2.5	0.07	227	0.31	0.12	0.05	588	50	29.7	3.1	<0.001	0.05	0.08	22.5	0.7	0.6	6.2	<0.01	0.2	6	0.015	<0.02	8.39	219	0.18	3.11	36	12.9		
0.04	1.4	2.7	0.08	78	0.24	0.14	<0.05	344	40	13.4	2.9	<0.001	0.05	0.06	22.2	0.7	1	5.2	<0.01	0.24	4.8	0.013	<0.02	7.17	196	0.17	2.03	16	10.8		
0.03	1.8	2.7	0.04	125	0.32	0.09	0.06	231	30	11.7	2.4	<0.001	0.05	0.06	14.4	0.4	0.5	2.8	<0.01	0.29	4.5	0.01	<0.02	5.9	198	0.24	2.31	18	8.9		
0.03	2.7	2.4	0.04	117	0.41	0.09	0.08	256	40	15.2	2.4	<0.001	0.06	0.07	13.1	0.5	0.9	3.1	<0.01	0.23	4	0.014	<0.02	4.58	135	0.21	2.69	23	8.2		
0.02	1.1	2.2	0.03	29	0.23	0.09	0.07	132.5	30	14.4	1.5	<0.001	0.07	0.05	15.1	0.9	2.1	2.1	<0.01	0.24	4.1	0.013	<0.02	4.28	120	0.07	1.3	16	7		
0.03	0.7	3	0.03	33	0.16	0.1	0.06	149	30	11.8	1.4	<0.001	0.07	0.05	17.2	0.8	4.1	2.5	<0.01	0.2	3.8	0.014	<0.02	4.07	118	0.05	0.8	17	6.1		
0.02	1.4	2.5	0.03	143	0.3	0.1	0.09	214	30	18.2	1.6	<0.001	0.08	0.07	18.6	0.6	2.3	2	<0.01	0.18	4.4	0.016	<0.02	6.74	168	0.06	1.68	23	6.9		
0.02	2.4	3	0.03	244	0.26	0.1	0.08	418	30	27.4	1.4	<0.001	0.08	0.09	25.3	0.2	1.7	1.5	<0.01	0.08	3.1	0.019	<0.02	13.35	131	0.12	3.25	33	10		
0.02	2.4	2.1	0.03	48	0.17	0.15	0.08	439	20	30	1.1	<0.001	0.07	0.11	41.2																

PH24001042	MRAC0014	MR00553	33	34	0.63			0.01	0.01	0.01	7848	0.01	1.51	5.8	<0.02	10	40	4.33	0.14	0.02	0.08	12.25	253	2040	0.06	9.2	23.7	4.88	0.29	0.12	0.03	0.031	
PH24001042	MRAC0014	MR00554	34	35	1.02			0.01	0.02	0.01	136020	<0.01	1.81	3.3	<0.02	20	70	3.21	0.13	0.02	0.07	13.75	279	2340	0.13	12.8	24.9	5.73	0.33	0.14	0.02	0.034	
PH24001042	MRAC0014	MR00555	35	36	0.49			0.01	<0.01	0.01	152270	<0.01	1.81	1.9	<0.02	20	30	2.72	0.08	0.03	0.13	47.8	323	1820	0.1	26.6	26.6	4.95	0.38	0.14	0.01	0.028	
PH24001042	MRAC0014	MR00556	36	37	0.25			0.01	0.01	0.01	254441	0.02	1.5	3.3	<0.02	20	110	2.91	0.11	0.02	0.23	26.9	331	1300	0.08	33.9	21.7	5.31	0.34	0.14	0.01	0.026	
PH24001042	MRAC0015	MR00568	9	10	1.39			0.01	0.01	<0.01	90256	<0.01	1.98	1.3	<0.02	20	50	0.55	0.13	0.02	0.01	4.36	494	4330	0.2	15	15.35	6.38	0.18	0.35	0.03	0.031	
PH24001042	MRAC0015	MR00569	10	11	1.62	89.1		0.01	<0.01	0.01	194032	<0.01	2.27	0.9	<0.02	20	20	0.7	0.09	0.01	0.01	8.26	47.9	2750	0.26	13.2	19.7	6.44	0.19	0.3	0.03	0.03	
PH24001042	MRAC0015	MR00570	11	12	1.26			0.01	0.01	0.01	215808	<0.01	2.58	1	<0.02	20	10	0.65	0.08	0.01	0.02	6.43	36.4	3250	0.19	14.8	18.65	6.03	0.19	0.28	0.05	0.033	
PH24001042	MRAC0015	MR00571	12	13	1.26			0.01	0.01	0.01	204278	<0.01	2.41	1.5	<0.02	20	10	0.5	0.09	0.01	0.02	5.66	37.3	3790	0.16	19.2	22.4	6.05	0.24	0.26	0.03	0.048	
PH24001042	MRAC0015	MR00572	13	14	1.13			0.01	<0.01	0.01	190509	<0.01	2.49	1.3	<0.02	10	10	0.51	0.14	0.01	0.02	10.15	48.3	3520	0.1	9.8	23.5	12.1	0.26	0.31	0.01	0.039	
PH24001042	MRAC0015	MR00573	14	15	1.13			<0.01	<0.01	0.01	220456	<0.01	2.25	1	<0.02	10	10	0.52	0.16	0.01	0.02	10.55	56.4	3270	0.08	9.3	26.4	11	0.36	0.28	0.01	0.034	
PH24001042	MRAC0015	MR00574	15	16	0.85			<0.01	<0.01	0.01	246590	<0.01	2.48	0.9	<0.02	10	10	0.56	0.18	<0.01	0.02	9.11	49.7	4130	0.06	14.7	25.6	11.2	0.4	0.3	0.02	0.036	
PH24001042	MRAC0015	MR00575	16	17	1.12			0.01	<0.01	<0.01	230311	<0.01	2.46	0.8	<0.02	10	10	0.72	0.13	0.01	0.03	9.74	42.2	4560	0.06	27.8	24.5	11.6	0.34	0.45	0.02	0.044	
PH24001042	MRAC0015	MR00576	17	18	1.05			0.01	0.01	0.01	216720	<0.01	2.31	0.7	<0.02	10	10	0.82	0.15	<0.01	0.04	9.83	48.6	4020	0.05	16.6	28.9	8.96	0.55	0.32	0.02	0.044	
PH24001042	MRAC0015	MR00577	18	19	0.87			0.01	<0.01	0.01	153674	<0.01	2.48	0.9	<0.02	10	10	0.75	0.11	0.01	0.05	9.72	67.7	3670	0.05	17.8	25.9	7.95	0.39	0.35	0.01	0.043	
PH24001042	MRAC0015	MR00578	19	20	0.68			<0.01	<0.01	<0.01	141800	<0.01	1.56	1.3	<0.02	10	10	0.81	0.15	0.02	0.04	9.23	58.6	4160	0.06	27.8	24.9	10.45	0.42	0.42	0.01	0.056	
PH24001042	MRAC0015	MR00579	20	21	0.83			0.01	<0.01	0.01	105729	0.01	2.88	1.3	<0.02	10	<10	1.03	0.15	0.01	0.02	5.23	51.7	6460	<0.05	38.8	26.1	14.05	0.39	0.64	0.01	0.085	
PH24001042	MRAC0015	MR00580	21	22	1.04			0.01	0.01	0.01	114940	<0.01	2.3	1	<0.02	10	<10	1.51	0.14	0.01	0.04	5.73	51.6	4680	<0.05	42.3	31.1	11.3	0.5	0.61	0.01	0.077	
PH24001042	MRAC0015	MR00581	22	23	1.06			0.01	<0.01	0.02	165814	<0.01	2.46	2.1	<0.02	10	<10	1.68	0.16	0.01	0.02	7.79	85.7	3230	<0.05	36.4	26.8	12.8	0.46	0.7	0.01	0.061	
PH24001042	MRAC0015	MR00582	23	24	0.63			0.01	<0.01	0.01	153431	<0.01	1.58	3.6	<0.02	20	<10	1.59	0.08	0.01	0.09	10.65	146.5	554	<0.05	27.9	23.4	6.18	0.33	1.22	0.01	0.018	
PH24001042	MRAC0015	MR00583	24	25	0.46			0.01	<0.01	0.01	154349	<0.01	1.84	1.3	<0.02	10	10	0.88	0.09	0.03	0.05	7.95	71.8	2150	0.09	26.7	14.3	8.07	0.2	0.77	0.02	0.036	
PH24001042	MRAC0015	MR00584	25	26	0.75			0.01	<0.01	<0.01	242055	<0.01	1.12	0.9	<0.02	10	10	0.49	0.04	0.02	0.04	6.82	33.1	618	0.07	11.4	5.04	5.53	0.1	0.56	<0.01	0.012	
PH24001042	MRAC0015	MR00585	26	27	0.2			0.01	<0.01	0.01	91665	0.01	2.49	1.4	<0.02	10	20	1.05	0.06	0.05	0.06	10.85	94.7	1050	0.13	15.6	11.75	8.01	0.16	0.41	0.01	0.021	
PH24001042	MRAC0015	MR00586	27	28	0.57			0.01	0.01	0.01	0	0.01	1.2	1.3	<0.02	10	10	0.99	0.04	0.04	0.1	12.35	118.5	613	0.13	12.2	12.95	5.44	0.17	0.34	0.01	0.018	
PH24001042	MRAC0015	MR00587	28	29	0.12			0.01	0.01	0.01	88345	0.01	2.47	1.5	<0.02	20	10	2.46	0.07	0.03	0.1	18.4	245	1275	0.09	10.2	24.5	7.4	0.39	0.27	0.02	0.029	
PH24001042	MRAC0015	MR00588	29	30	1.34			0.01	<0.01	0.01	19836	<0.01	1.92	1.5	<0.02	10	10	1.63	0.04	0.01	0.2	17.05	218	525	0.05	5.6	21.6	6.51	0.26	0.22	0.01	0.02	
PH24001042	MRAC0015	MR00589	30	31	0.49			0.01	0.01	0.01	190533	0.01	1.16	1.6	<0.02	10	10	2.59	0.11	0.02	0.06	15.45	242	1735	0.05	10.4	21.5	5.73	0.26	0.23	0.02	0.041	
PH24001042	MRAC0015	MR00590	31	32	0.76			0.01	0.01	0.01	61931	0.01	1.62	1.3	<0.02	10	20	3.11	0.19	0.03	0.06	14.3	294	2560	0.06	10.3	21.8	6.59	0.24	0.2	0.01	0.068	
PH24001042	MRAC0015	MR00591	32	33	0.7			<0.01	0.02	0.01	10797	0.01	1.3	1.4	<0.02	20	60	4.09	0.13	0.02	0.12	12.25	340	1895	0.07	10	23.1	4.47	0.25	0.14	0.01	0.048	
PH24001042	MRAC0015	MR00592	33	34	0.68			<0.01	0.02	0.01	29263	0.01	1.6	1.2	<0.02	10	30	4.06	0.17	0.02	0.11	14.3	384	1860	0.06	8.4	24.2	5.05	0.3	0.16	0.01	0.052	
PH24001042	MRAC0015	MR00593	34	35	0.71			0.01	0.01	0.01	39428	0.04	1.21	1.2	<0.02	20	80	3.33	0.1	0.03	0.41	67.2	380	1350	0.07	11.1	20.4	4.68	0.25	0.14	0.02	0.037	
PH24001042	MRAC0015	MR00594	35	36	0.6			0.01	0.02	0.01	48705	0.1	1.68	1.3	<0.02	20	180	3.71	0.09	0.03	1.37	578	484	1400	0.09	13	22.3	5.87	0.32	0.15	0.02	0.039	
PH24001042	MRAC0015	MR00595	36	37	0.35			<0.01	0.02	0.01	7124	0.13	2.09	1.3	<0.02	10	260	3.21	0.09	0.03	1.98	515	513	1600	0.15	14.1	19.9	6.56	0.34	0.14	0.01	0.042	
PH24001042	MRAC0015	MR00596	37	38	0.93			<0.01	0.01	0.01	280889	0.05	2.69	1.4	<0.02	10	100	2.84	0.07	0.03	0.61	319	379	1745	0.12	12.2	16.75	8.66	0.36	0.18	0.01	0.036	
PH24001042	MRAC0015	MR00597	38	39	Not Recvd						16672																						
PH24001042	MRAC0015	MR00598	39	40	Not Recvd						20377																						
PH24001042	MRAC0015	MR00599	40	41	Not Recvd						6535																						
PH24001042	MRAC0015	MR00600	41	42	Not Recvd						52389																						
PH24001042	MRAC0015	MR00601	42	43	1.01			<0.01	0.01	<0.01	44232	0.01	0.57	0.4	<0.02	<10	20	0.37	0.06	0.02	0.08	50.9	38	198	0.1	6	2.19	3.2	0.06	0.11	<0.01	0.006	
PH24001042	MRAC0016	MR00608	6	7	0.7			0.01	<0.01	<0.01	188385	<0.01	1.11	0.7	<0.02	<10	200	0.32	0.06	0.01	<0.01	7.28	5.2	1015	0.23	12.1	1.7	7.18	<0.05	0.29	0.02	0.022	
PH24001042	MRAC0016	MR00609	7	8	0.89			0.01	<0.01	<0.01	209843	<0.01	3.38	1.2	<0.02	10	70	1.3	0.16	0.01	0.01	33.3	16	2630	0.3	5.3	4.78	17.05	0.07	0.7	0.07	0.052	
PH24001042	MRAC0016	MR00610	8	9	0.85			0.01	<0.01	<0.01	203658	<0.01	3.39	1.5	<0.02	10	10	1.34	0.12	0.01	0.01	42.7	46.8	3930	0.2	11.2	12.3	7.18	0.13	0.57	0.02	0.04	
PH24001042	MRAC0016	MR00611	9	10	0.88			0.01	<0.01	<0.01	199667	<0.01	3.27	1.1	<0.02	10	20	1.1	0.17	0.01	0.01	13.3	19.1	3900	0.2	8.9	7.88	8.64	0.09	0.77	0.02	0.046	
PH24001042	MRAC0016	MR00612	10	11	1.2			0.01	0.01	0.01	127617	<0.01	2.54	1.4	<0.02	10	10	0.67	0.18	0.01	<0.01	6.07	53.5	4860	0								

0.03	9.2	0.9	1.29	850	0.26	0.65	0.05	3550	120	43.3	0.8	<0.001	0.06	0.17	25.2	0.3	2	5.8	0.01	<0.01	1.2	0.05	<0.02	28	121	2.87	18.5	155	4			
0.05	9.1	1.5	1.69	1320	0.23	0.75	<0.05	5410	80	26.9	1.5	0.001	0.06	0.1	25.4	0.6	1.7	9.4	0.01	0.01	1.3	0.037	0.02	12.85	114	1.62	20.8	152	5.2			
0.06	11.5	1.8	2	2110	0.24	0.86	<0.05	6530	50	9.6	1.3	<0.001	0.06	0.08	27.3	0.4	1.5	9.5	0.01	0.01	0.8	0.04	0.08	7.5	66	1.22	25.6	144	5.7			
0.05	13.4	2	1.38	2780	0.35	0.85	<0.05	4450	70	33.1	1.2	<0.001	0.07	0.12	21.2	0.5	1.4	13.4	0.01	0.01	3.6	0.043	0.23	14.1	74	1.38	21.1	138	5.2			
0.04	1.8	1.5	0.1	269	0.28	0.13	<0.05	758	40	42.5	2.6	<0.001	0.03	0.06	19.8	1	0.5	8.6	<0.01	0.19	7.5	0.022	<0.02	5.88	272	0.15	2.65	34	13.3			
0.04	2.1	3.5	0.07	259	0.29	0.13	<0.05	567	40	21.7	2.9	<0.001	0.04	<0.05	22.6	0.7	0.4	5.5	<0.01	0.25	6.8	0.013	<0.02	8.18	211	0.08	3.03	48	11.2			
0.04	2	3.9	0.06	197	0.23	0.12	<0.05	470	30	23.6	2.4	<0.001	0.04	<0.05	24.3	1.1	0.5	4.2	<0.01	0.21	6.2	0.013	<0.02	7.38	144	0.08	2.64	30	11			
0.03	1.9	2.9	0.08	237	0.32	0.11	0.05	642	40	34.3	1.9	<0.001	0.05	0.05	21.2	1.5	0.6	4	<0.01	0.28	5.6	0.021	<0.02	6.52	190	0.11	2.78	31	9.9			
0.02	3.1	3.6	0.1	294	0.3	0.11	0.05	729	30	38.2	1	<0.001	0.06	0.06	21.4	0.7	0.6	2.1	<0.01	0.11	4.3	0.028	<0.02	6.17	203	0.08	4.71	52	12			
0.02	3.5	3	0.1	316	0.25	0.11	0.07	707	20	40.4	0.9	<0.001	0.06	<0.05	18.4	0.7	0.8	1.8	<0.01	0.09	3.5	0.035	<0.02	5.17	153	0.11	4.7	54	11			
0.02	3	2.6	0.08	293	0.23	0.1	0.07	714	20	47.8	0.8	<0.001	0.07	0.08	21	1	1.1	1.7	<0.01	0.06	3.3	0.038	<0.02	5.14	162	0.12	4.22	54	12			
0.02	3.2	2	0.11	287	0.25	0.14	0.07	805	20	46.3	0.9	<0.001	0.07	0.07	27.8	0.9	1.3	2.5	<0.01	0.07	3.4	0.059	0.02	8.04	155	0.1	4.89	58	18.1			
0.02	4	2.5	0.09	343	0.23	0.11	0.08	896	30	66.1	0.7	<0.001	0.07	0.08	25.4	0.7	3	1.8	<0.01	0.07	3.3	0.047	0.03	8.21	152	0.13	6.28	60	12.2			
0.02	3.6	3.1	0.11	596	0.25	0.15	0.06	933	20	55.5	0.6	<0.001	0.07	0.07	30.7	0.8	3.5	2.4	<0.01	0.04	3.3	0.041	0.03	9.91	134	0.12	6.43	69	13			
0.02	3.3	1.5	0.13	532	0.37	0.23	0.09	1185	30	51	0.7	<0.001	0.08	0.11	32.9	1.1	4	3.6	<0.01	0.04	4.7	0.065	0.04	9.44	168	0.28	5.66	77	16.5			
0.02	2.4	2.8	0.09	277	0.4	0.3	0.08	1560	60	40.7	0.5	<0.001	0.12	0.18	46.2	1.1	4.3	2.4	<0.01	0.01	4.5	0.101	0.02	10.2	168	0.61	5.5	145	25.8			
0.02	2.5	1.5	0.07	283	0.23	0.33	0.11	2120	60	58.8	0.4	<0.001	0.11	0.13	62.1	1	3.8	2.3	<0.01	0.01	3.9	0.106	0.03	15.6	166	1.26	6.36	149	23.9			
0.03	3.9	1.7	0.08	537	0.21	0.36	0.15	1750	60	60.2	0.7	<0.001	0.09	0.09	47.6	1.1	6.1	2.7	<0.01	0.02	22.4	0.081	<0.02	12.7	101	1.68	8.55	149	24.6			
0.03	5.3	1.5	0.09	429	0.15	0.38	0.09	1360	30	233	0.6	<0.001	0.07	<0.05	16.8	0.4	1.3	2.7	<0.01	0.01	37	0.015	<0.02	8.54	27	0.39	8.92	221	30.4			
0.04	3.1	2.2	0.31	608	0.36	0.44	0.07	1345	40	51.6	1.2	<0.001	0.07	0.05	22	0.6	2.4	6.4	<0.01	0.04	17	0.039	0.03	6.04	83	0.58	4.97	83	22.6			
0.03	2.9	1.9	0.18	423	0.38	0.33	0.06	571	20	17.8	1.1	<0.001	0.04	<0.05	9.5	0.4	1.3	3.9	<0.01	0.01	14.1	0.012	0.03	2.7	29	0.31	2.81	34	13.8			
0.04	5	4.2	0.33	681	0.5	0.39	0.05	1180	30	33	2.6	<0.001	0.05	<0.05	13.8	0.6	1.4	5.7	<0.01	0.01	11.1	0.022	0.05	5.32	45	0.46	6.85	72	11			
0.04	6.2	2.1	0.21	754	0.43	0.37	0.07	1265	30	35.2	2.7	<0.001	0.04	<0.05	10.2	0.5	1.1	4.8	<0.01	0.02	9.3	0.014	0.04	4.62	31	0.55	9.26	73	8.9			
0.03	11.5	4.5	0.29	1290	0.39	0.44	0.06	2230	50	66.5	1.6	<0.001	0.05	0.07	20.3	0.7	2.3	4.9	0.01	0.02	4.1	0.04	0.03	14.2	54	1.31	18.5	115	8.6			
0.03	10.4	3.4	0.13	952	0.23	0.39	0.06	2000	20	53.3	0.9	<0.001	0.04	<0.05	12.1	0.5	1.2	3.1	<0.01	0.01	5.9	0.012	<0.02	7.9	23	0.67	15.95	118	6.2			
0.03	10.3	1.4	0.48	1040	0.31	0.67	0.07	2440	50	57.2	0.6	<0.001	0.06	0.16	21.1	0.3	3.2	5.1	<0.01	0.01	2.4	0.059	0.02	17.8	70	2.65	16.25	121	7.1			
0.04	9.8	1.7	0.78	1175	0.28	0.69	<0.05	4130	40	55.9	1	<0.001	0.05	0.1	23.3	0.8	4.1	7.1	<0.01	0.01	2.2	0.043	0.03	15.3	86	1.82	15.45	201	6.5			
0.04	11.4	1.5	0.95	1895	0.34	0.59	<0.05	4620	80	40.2	1.3	<0.001	0.05	0.07	19	0.7	2.9	7.4	0.01	0.01	1.3	0.03	0.03	15.85	57	1.24	18.45	242	4.5			
0.04	11	1.7	1.34	2000	0.28	0.69	<0.05	5750	60	37.6	1	<0.001	0.06	0.07	24.1	0.6	3.3	7.5	0.01	0.01	1.2	0.035	0.03	15.35	60	1.11	19.3	232	6.2			
0.05	12.4	2.5	1.03	4700	0.29	0.78	<0.05	4690	50	29.1	1.3	<0.001	0.06	0.09	21.6	0.7	2.5	18.5	0.01	0.01	1.7	0.029	0.35	13.7	50	0.8	18.75	161	4.9			
0.09	18.1	4.3	1.83	14700	0.32	1	<0.05	6520	50	57.7	1.4	0.001	0.08	0.09	22.9	0.4	2.5	52.6	0.01	<0.01	1.1	0.035	1.27	13.05	55	0.87	25.1	173	4.9			578
0.1	17.6	5.9	2.6	16050	0.34	1.03	<0.05	7660	40	77.3	1.8	0.001	0.07	0.1	24.4	0.5	2.8	74	0.01	<0.01	1.2	0.044	1.68	11.05	58	0.94	22.2	187	5			515
0.08	14	13.6	3.26	7100	0.32	1.06	<0.05	7690	30	57.9	2	<0.001	0.07	0.1	21.4	0.6	2.7	29	0.01	<0.01	6	0.057	0.54	8.12	55	0.72	18.3	221	7.1			
0.1	5.4	1.1	0.33	1140	0.89	0.29	0.05	709	20	29.1	3.4	<0.001	0.03	<0.05	2.7	<0.2	1.2	7	<0.01	<0.01	4.2	0.006	0.1	1.25	7	2.83	9.35	67	2.3			
0.04	1.3	4.7	0.05	63	0.41	0.11	<0.05	82.4	10	7.9	2.3	<0.001	0.02	<0.05	6.3	0.4	0.4	9.4	<0.01	0.01	5.2	0.006	<0.02	0.82	82	0.14	0.95	7	11.1			
0.05	2.3	10.1	0.07	58	0.32	0.15	<0.05	205	10	17.9	3.1	<0.001	0.03	0.07	14	0.8	0.6	14.8	<0.01	0.01	15.4	0.013	<0.02	4.24	249	0.09	2.17	7	28.3			
0.04	2.8	6.4	0.07	340	0.22	0.13	<0.05	675	20	50.2	2.4	<0.001	0.02	0.08	27.5	0.9	0.5	6.3	<0.01	0.05	14.1	0.032	<0.02	11.05	211	0.1	3.93	19	21.2			
0.04	1.8	6.8	0.04	64	0.25	0.13	<0.05	292	20	35.5	2.3	<0.001	0.02	0.1	26	0.6	0.4	7	<0.01	0.09	16.7	0.029	<0.02	12.95	259	0.06	2.1	12	33.4			
0.04	1.8	4.4	0.04	140	0.38	0.11	<0.05	566	60	49.8	1.8	<0.001	0.03	0.11	24.6	1.4	0.5	4.1	<0.01	0.25	10.6	0.033	<0.02	9.54	233	0.1	1.87	15	20.8			
0.02	2.2	4.1	0.02	160	0.36	0.09	<0.05	465	50	54.6	1.2	<0.001	0.04	0.11	24.4	0.8	0.5	2.1	<0.01	0.16	10.6	0.034	<0.02	6.96	208	0.11	2.17	21	27.4			
0.03	1	5.2	0.03	42	0.25	0.12	<0.05	184.5	30	15.3	1.5	<0.001	0.03	0.05	16.3	1.6	0.5	3.2	<0.01	0.19	8.1	0.019	<0.02	4.38	141	<0.05	1.14	12	16.2			
0.02	1.3	1.5	0.05	170	0.32	0.1	<0.05	281	20	17.3	1	<0.001	0.04	0.06	14.2	1	0.4	2.6	<0.01	0.14	5.7	0.011	<0.02	4.09	140	0.06	2.06	28	10.1			
0.02	1.																															

PH24001042	MRAC0016	MR00630	28	29	0.62			0.01	0.01	0.01	65007	<0.01	1.34	0.8	<0.02	10	<10	3.2	0.15	0.01	0.06	8.76	77.5	2110	<0.05	7.8	25.9	11.55	0.42	0.39	0.02	0.092
PH24001042	MRAC0016	MR00631	29	30	0.58			0.02	0.01	0.02	74321	<0.01	2.05	0.8	<0.02	20	<10	4.54	0.2	0.01	<0.01	9.35	118.5	3750	0.89	9.7	23.2	21.8	0.44	0.5	0.01	0.202
PH24001042	MRAC0016	MR00632	30	31	0.48			0.01	0.01	0.01	141129	<0.01	1.53	0.9	<0.02	10	<10	3.68	0.2	0.01	<0.01	13.25	116	3580	0.07	27.1	24.1	15.65	0.32	0.42	0.04	0.132
PH24001042	MRAC0016	MR00633	31	32	1.3			0.01	0.01	0.01	151821	<0.01	2.53	1.4	<0.02	10	<10	3.12	0.2	0.02	<0.01	22.6	113	3030	0.1	19.1	16.3	24	0.19	0.48	0.02	0.166
PH24001042	MRAC0016	MR00634	32	33	0.68			0.01	<0.01	<0.01	163515	<0.01	1.9	0.7	<0.02	10	<10	3.56	0.05	0.02	0.03	16.7	174	792	0.5	11.2	9.75	11.2	0.14	0.18	0.01	0.036
PH24001042	MRAC0016	MR00635	33	34	0.69			<0.01	<0.01	<0.01	108287	0.01	1.71	0.8	<0.02	10	<10	2.32	0.06	0.02	0.03	12.25	161.5	385	0.13	10.6	6.61	7.52	0.1	0.3	0.01	0.014
PH24001042	MRAC0016	MR00636	34	35	1.5			0.01	0.01	0.01	130024	<0.01	1.88	1.2	<0.02	10	<30	4.67	0.36	0.02	0.06	19.95	347	1955	0.12	8.6	20.1	10.05	0.28	0.17	0.01	0.036
PH24001042	MRAC0016	MR00637	35	36	0.36			<0.01	0.01	0.01	68666	0.06	2.22	1.6	<0.02	10	420	4	0.15	0.04	0.93	262	908	1755	0.13	9.3	17.2	7.24	0.3	0.16	<0.01	0.044
PH24001042	MRAC0016	MR00638	36	37	0.66			<0.01	0.02	0.01	45349	0.16	2.26	1.5	<0.02	10	980	4.9	0.19	0.04	2.88	988	1590	1390	0.38	18.8	18.9	8.28	0.44	0.18	<0.01	0.048
PH24001042	MRAC0016	MR00639	37	38	0.38			0.01	0.01	<0.01	186148	0.04	3.34	1.5	<0.02	10	160	5.11	0.12	0.04	0.46	191	910	2230	0.15	9.8	17.35	10.95	0.5	0.1	0.01	0.04
PH24001042	MRAC0016	MR00640	38	39	0.37			<0.01	0.01	<0.01	223855	0.27	2.39	1.5	<0.02	30	700	9.15	0.09	0.04	2.92	167	624	816	0.34	5.5	19.2	11.05	0.33	0.24	<0.01	0.01
PH24001042	MRAC0016	MR00641	39	40	1.31			<0.01	<0.01	<0.01	367702	0.02	0.92	0.3	<0.02	<10	40	0.65	0.02	0.02	0.1	36.4	61.7	265	0.12	3.4	20.6	3.92	0.08	0.49	<0.01	0.005
PH24001042	MRAC0016	MR00642	40	41	1.77			<0.01	<0.01	<0.01	296647	0.02	0.52	0.2	<0.02	<10	40	0.55	0.02	0.03	0.14	39.9	69.2	138	0.2	4	1.78	2.93	0.09	0.43	<0.01	0.005
PH24001042	MRAC0016	MR00643	41	42	0.39			<0.01	<0.01	<0.01	246137	0.01	0.46	0.4	<0.02	<10	30	0.41	0.02	0.01	0.08	37.8	55.3	93	0.25	3.4	1.37	2.68	0.07	0.39	<0.01	<0.005
PH24001042	MRAC0016	MR00644	42	43	1.11			<0.01	<0.01	<0.01	308198	0.02	0.65	<0.1	<0.02	<10	40	0.53	0.02	0.02	0.1	34.1	53	156	0.24	6.6	1.52	3.45	0.07	0.35	<0.01	0.005
PH24001042	MRAC0016	MR00645	43	44	0.9			<0.01	<0.01	<0.01	238943	0.02	0.72	0.5	<0.02	<10	20	0.61	0.02	0.02	0.04	35.8	37	93	0.38	7.1	1.44	3.98	0.07	0.53	<0.01	0.005
PH24001042	MRAC0017	MR00655	9	10	0.56			0.01	<0.01	<0.01	270788	0.01	2.89	1.5	<0.02	10	20	1.67	0.14	0.01	0.02	23.1	20.2	2890	0.24	4.6	7.64	13.8	0.09	1.08	0.01	0.071
PH24001042	MRAC0017	MR00656	10	11	0.77			0.01	<0.01	<0.01	196681	<0.01	1.57	1.4	<0.02	10	30	0.66	0.17	0.01	0.03	17.2	26	3110	0.12	4	10.35	7.58	0.13	0.79	0.01	0.045
PH24001042	MRAC0017	MR00657	11	12	1			0.01	<0.01	<0.01	322064	<0.01	3.53	1.4	<0.02	10	10	0.7	0.17	0.01	0.02	12.3	25.5	3820	0.15	6.2	13.4	9.92	0.16	0.74	0.02	0.053
PH24001042	MRAC0017	MR00658	12	13	0.91			0.01	<0.01	<0.01	250242	<0.01	2.52	1	<0.02	10	10	0.36	0.1	0.01	0.03	8.32	28.5	3340	0.13	7.1	8.89	8.62	0.09	0.47	0.02	0.041
PH24001042	MRAC0017	MR00659	13	14	1.09			0.01	<0.01	0.01	183804	<0.01	2.52	1.3	<0.02	10	10	0.32	0.11	0.01	0.02	5.76	20	4030	0.19	18.7	11.65	10.75	0.12	0.37	0.02	0.053
PH24001042	MRAC0017	MR00660	14	15	1.35			<0.01	<0.01	<0.01	214221	<0.01	2.2	1.1	<0.02	10	10	0.33	0.08	<0.01	0.01	5.45	18.6	4850	0.11	32	17.5	8.31	0.16	0.45	0.01	0.055
PH24001042	MRAC0017	MR00661	15	16	1.13			0.01	0.01	0.01	132659	<0.01	2.14	0.9	<0.02	10	10	0.53	0.12	<0.01	0.01	11.1	42.5	4440	0.08	23.3	23	5.42	0.31	0.29	0.02	0.034
PH24001042	MRAC0017	MR00662	16	17	0.87			<0.01	<0.01	0.01	191434	<0.01	2.48	1	<0.02	10	<10	0.63	0.19	<0.01	0.01	9.18	49.2	5120	0.06	18.6	22.7	6.54	0.29	0.43	0.02	0.039
PH24001042	MRAC0017	MR00663	17	18	0.66			0.01	<0.01	0.01	81619	<0.01	1.35	0.5	<0.02	10	<10	0.59	0.13	<0.01	0.01	8.01	53.4	3980	0.05	16.9	19.5	6.26	0.24	0.37	0.01	0.039
PH24001042	MRAC0017	MR00664	18	19	0.96			0.01	<0.01	0.01	188218	<0.01	3.08	0.9	<0.02	10	10	0.68	0.06	0.01	0.01	5.82	27.8	5840	0.05	20.7	18.5	16.1	0.25	1.25	<0.01	0.079
PH24001042	MRAC0017	MR00665	19	20	0.43			0.01	<0.01	0.02	73061	<0.01	2.2	1.1	<0.02	10	<10	0.68	0.05	0.01	<0.01	5.84	26.6	6270	<0.05	27.2	17.15	18.5	0.2	1.66	0.01	0.094
PH24001042	MRAC0017	MR00666	20	21	0.38			<0.01	0.01	0.01	101714	<0.01	2.43	1.4	<0.02	10	<10	0.9	0.05	0.01	0.02	6.66	28.6	6800	<0.05	37.6	17.15	21.2	0.19	1.93	0.01	0.101
PH24001042	MRAC0017	MR00667	21	22	0.39			0.01	0.01	0.02	124284	<0.01	1.99	1.5	<0.02	10	<10	1.06	0.12	0.01	0.01	6.86	39.2	6950	<0.05	33.4	17.95	14.8	0.23	1.3	<0.01	0.095
PH24001042	MRAC0017	MR00668	22	23	0.84			0.01	0.02	0.01	107510	<0.01	2.64	2.4	<0.02	10	<10	2.64	0.17	0.01	0.02	9.34	95.6	8410	<0.05	35	29.2	12.5	0.51	0.9	0.01	0.089
PH24001042	MRAC0017	MR00669	23	24	0.76			0.01	<0.01	0.01	84658	<0.01	1.72	1.7	<0.02	10	<10	2.99	0.15	0.01	0.02	13.3	204	5600	<0.05	31.7	30	9.68	0.65	0.54	0.01	0.069
PH24001042	MRAC0017	MR00670	24	25	0.73			0.01	0.01	0.01	309528	<0.01	1.85	2	<0.02	10	<10	3.69	0.14	0.01	0.04	10.75	89.2	6550	<0.05	42.3	31.5	11	0.64	0.54	<0.01	0.075
PH24001042	MRAC0017	MR00671	25	26	0.74			0.01	0.01	0.01	76427	<0.01	1.98	1.4	<0.02	10	<10	4.08	0.1	0.01	0.03	10.9	84.2	6280	<0.05	39.2	26.3	10.15	0.49	0.6	0.01	0.067
PH24001042	MRAC0017	MR00672	26	27	1.72			<0.01	<0.01	0.01	204984	<0.01	2.63	1.9	<0.02	10	10	4.94	0.14	0.01	0.04	12.6	94.4	6650	0.05	40.4	27.2	11.75	0.43	0.58	0.01	0.064
PH24001042	MRAC0017	MR00673	27	28	0.94			0.01	<0.01	0.01	75500	0.01	2.4	1.3	<0.02	10	<10	6.26	0.11	0.01	0.06	12.35	100.5	7200	<0.05	29.9	25.1	10.95	0.35	0.38	0.02	0.06
PH24001042	MRAC0017	MR00674	28	29	0.8			<0.01	0.01	0.01	45692	<0.01	2	1.3	<0.02	10	<10	7.09	0.1	0.01	0.04	13.45	121	7170	<0.05	27	27	9.83	0.39	0.4	0.02	0.059
PH24001042	MRAC0017	MR00675	29	30	0.93			<0.01	0.01	0.01	163132	0.01	2.91	1.4	<0.02	10	<10	6.24	0.11	0.01	0.05	13.4	125	6450	<0.05	26.5	26.2	10.55	0.34	0.41	0.02	0.058
PH24001042	MRAC0017	MR00676	30	31	1.35			<0.01	0.01	<0.01	61815	0.01	2.75	1.8	<0.02	10	<10	5.01	0.11	0.01	0.07	12.15	125.5	6270	<0.05	26.9	26.5	9.98	0.4	0.37	<0.01	0.06
PH24001042	MRAC0017	MR00677	31	32	1.07			<0.01	<0.01	<0.01	62594	<0.01	3.13	1.7	<0.02	10	<10	4.25	0.14	0.01	0.06	9.9	135.5	5300	<0.05	19.6	26	10.3	0.38	0.27	0.01	0.062
PH24001042	MRAC0017	MR00678	32	33	1.78			<0.01	0.01	0.01	55683	<0.01	1.99	1.4	<0.02	10	<10	3.64	0.12	0.01	0.04	10.85	122.5	3790	<0.05	14.2	25.5	9.63	0.34	0.3	0.01	0.053
PH24001042	MRAC0017	MR00679	33	34	0.6			0.01	0.01	0.01	29612	<0.01	1.65	1.4	<0.02	10	<10	3.64	0.13	0.02	0.04	9.7	134	3830	<0.05							

0.02	2.7	1.1	0.06	412	0.12	0.42	0.09	2120	70	47.6	0.4	<0.001	0.06	0.11	48.2	1.3	5	2.7	<0.01	<0.01	2	0.112	0.03	17.65	149	0.63	7.13	145	13.7			
0.04	3.5	2.2	0.15	402	0.11	0.44	0.16	2390	150	57.2	3.1	<0.001	0.05	0.07	43.5	1.3	27.5	3.2	<0.01	<0.01	0.8	0.156	<0.02	23.6	232	0.5	8.55	196	14.6			
0.03	4.4	1.5	0.11	583	0.15	0.52	0.15	1990	100	58.1	0.6	<0.001	0.07	0.14	43	1.3	16.1	3.7	<0.01	0.02	2.3	0.106	<0.02	18.25	186	0.64	11.5	173	13.4			
0.05	12.2	3.6	0.35	443	0.15	0.68	0.1	2640	90	44.2	1.8	<0.001	0.06	0.09	39.2	1.1	23.5	6.8	<0.01	<0.01	14.2	0.061	0.03	13.95	147	0.37	13.1	226	13.3			
0.06	14.4	4.2	0.93	402	0.24	0.67	<0.05	5730	50	42.2	2	<0.001	0.04	<0.05	9.3	0.5	4.6	6.6	0.01	<0.01	14.8	0.006	<0.02	7.39	40	0.35	24.4	579	4.5			
0.07	10.3	2.6	0.7	379	0.19	0.72	<0.05	3960	50	28.8	1.8	0.001	0.04	<0.05	3.9	0.4	1.8	6.8	0.01	<0.01	24.6	<0.005	<0.02	6.19	29	0.15	57.1	266	6.7			
0.06	8.2	3.5	1.09	1485	0.24	0.83	0.05	6030	50	66.9	1.4	<0.001	0.06	0.07	17.9	0.7	3	8.5	0.01	0.02	4.8	0.036	0.03	8.74	61	0.54	21.4	322	5.3			
0.11	24.1	6	2.04	12450	0.19	1.26	<0.05	9360	40	96.1	1.8	<0.001	0.08	0.08	26.4	0.8	4.6	27	0.01	0.01	2.6	0.044	1.31	5.4	69	0.31	36	229	5.9			
0.16	62.7	15.5	2.38	40600	0.22	1.14	<0.05	11050	40	16.4	3.1	0.001	0.08	0.07	28.1	0.8	4.2	75.8	0.02	0.02	2.3	0.047	3.16	5.75	93	0.42	56.6	241	6.3	1.105	988	
0.11	19	10.6	4.69	7420	0.21	1.33	<0.05	11600	30	19.6	2	<0.001	0.08	0.06	31.2	0.8	3.1	21.5	0.01	0.01	1.1	0.085	0.55	3.43	72	0.33	28.4	361	4.4	1.16		
0.2	50.2	5.5	1.49	32500	0.21	0.99	<0.05	5220	50	159.5	3.4	0.001	0.06	<0.05	6.8	<0.2	3.1	136.5	0.02	0.01	25.5	0.007	3.44	5.75	27	0.15	72	457	7.3			
0.15	22.9	1.4	0.33	1470	0.63	0.28	0.06	728	30	20.2	5.4	<0.001	0.02	<0.05	3.3	<0.2	1.3	8.1	<0.01	<0.01	13.9	0.008	0.14	1.24	7	0.36	21	52	11.6			
0.1	21.2	1.7	0.25	1900	1.1	0.19	0.06	735	30	15	4	<0.001	0.02	<0.05	2.6	<0.2	1.2	8.4	0.01	<0.01	14.8	0.007	0.13	1.2	7	3.19	28.2	39	8			
0.06	17.9	1.8	0.25	1165	0.78	0.18	0.07	687	30	14.7	2.8	<0.001	0.02	<0.05	2.3	1.5	1.1	4.2	<0.01	<0.01	11.2	0.005	0.08	0.8	5	0.89	17.3	34	7.8			
0.1	15.8	1.9	0.3	1275	0.42	0.24	0.05	676	30	20	4	<0.001	0.02	<0.05	2.9	<0.2	1.4	5.6	<0.01	<0.01	11.8	0.006	0.09	1.04	7	0.18	20.7	38	7.4			
0.12	18.6	1.9	0.31	753	1	0.26	0.06	607	30	26.7	5.3	<0.001	0.02	<0.05	2.5	<0.2	1.3	4.7	<0.01	<0.01	18.2	0.005	0.06	1.32	5	0.09	26.9	42	11.9			
0.03	2.4	7.9	0.05	303	0.42	0.09	0.07	170	20	25.5	2	<0.001	0.03	0.06	15.3	1	0.7	5	<0.01	0.06	31.7	0.016	0.03	5.14	209	0.07	2.95	5	41.9			
0.02	2.4	3.5	0.04	394	0.37	0.08	0.05	262	20	36.4	1.1	<0.001	0.03	0.07	22.1	1	0.5	4.2	<0.01	0.06	32.4	0.02	0.03	6.81	300	0.08	2.36	13	30.5			
0.03	2.8	6.4	0.06	232	0.36	0.11	<0.05	387	30	39.5	1.7	<0.001	0.03	0.07	27.9	1.5	0.8	4.3	<0.01	0.1	19.6	0.033	0.02	7.09	299	0.12	2.83	17	27.5			
0.03	1.8	5	0.08	386	0.45	0.13	<0.05	378	20	19	1.6	<0.001	0.03	0.05	26.4	1.4	0.8	4.8	<0.01	0.2	13.4	0.021	0.03	3.99	175	0.15	1.94	12	17.8			
0.04	1.3	3.4	0.05	246	0.23	0.13	<0.05	298	20	22.5	2.2	<0.001	0.04	0.08	26.4	1.6	1.2	2.8	<0.01	0.32	16	0.026	0.03	4.39	210	0.1	1.36	12	14.3			
0.03	1.4	1.9	0.03	118	0.19	0.1	<0.05	279	30	36.3	1.5	<0.001	0.05	0.06	32.6	1.8	0.5	1.6	<0.01	0.26	13.6	0.033	<0.02	5.67	204	0.08	1.98	17	18.6			
0.03	2.6	2.1	0.02	265	0.25	0.12	<0.05	576	40	49.3	1	<0.001	0.05	0.06	31	1.9	0.3	1.5	<0.01	0.21	5.3	0.03	<0.02	6.13	136	0.11	4.23	41	10.6			
0.02	2.7	2.3	0.03	249	0.21	0.15	<0.05	736	30	57.2	0.9	<0.001	0.06	0.06	34.1	2.3	0.4	1.5	<0.01	0.14	4.7	0.039	<0.02	7.73	146	0.12	4.53	53	15.6			
0.02	2.3	1.1	0.04	301	0.24	0.2	<0.05	640	20	38.8	0.7	<0.001	0.05	0.05	33.3	1.6	0.4	1.8	<0.01	0.1	4	0.038	<0.02	8.71	114	0.09	4.4	76	13			
0.03	2.4	1.9	0.05	184	0.17	0.3	0.06	725	40	42.1	0.9	<0.001	0.06	<0.05	50.4	2.5	0.8	2.7	<0.01	0.05	7.9	0.192	<0.02	9.8	211	<0.05	3.77	56	48.2			
0.03	1.9	1.1	0.05	103	0.23	0.36	0.09	791	40	32.5	0.8	<0.001	0.07	0.06	61.9	2.7	0.8	2.7	<0.01	0.05	7.7	0.22	<0.02	11.3	295	0.05	3.3	66	63.3			
0.03	1.8	1.2	0.05	94	0.18	0.42	0.1	954	50	35.9	0.7	<0.001	0.08	0.05	74.6	2.7	1	3	<0.01	0.03	8.7	0.268	<0.02	14.3	276	0.05	3.13	80	71.9			
0.03	1.9	1.3	0.06	149	0.19	0.4	0.07	918	30	48.7	0.8	<0.001	0.07	0.09	64.2	3	1.1	2.9	<0.01	0.04	9.1	0.151	<0.02	14.05	223	0.08	3.09	70	50.8			
0.02	3	2.5	0.05	287	0.26	0.41	0.09	2160	70	68	0.5	<0.001	0.09	0.11	80.2	3.4	1.8	2.5	<0.01	0.06	6.5	0.105	<0.02	17.1	201	0.32	7.73	181	35.8			
0.02	5.7	1.4	0.05	291	0.17	0.48	0.11	1970	70	69.2	0.4	0.001	0.07	0.09	59.2	2.7	1.9	2.7	0.01	0.03	2.9	0.097	<0.02	13.1	122	0.39	13.7	158	20			
0.02	4.8	1.1	0.06	273	0.2	0.52	0.12	2780	50	72.3	0.3	<0.001	0.08	0.11	80.7	2.3	2.4	2.9	0.01	0.04	2.6	0.122	<0.02	18.2	155	0.82	13.45	203	19.8			
0.02	3.7	1.6	0.06	248	0.16	0.52	0.08	2140	40	79.9	0.4	<0.001	0.07	0.07	70	2.6	1.7	3.2	<0.01	0.04	3.5	0.076	<0.02	20.6	141	0.2	10.9	184	23.9			
0.03	4.5	3.6	0.14	274	0.27	0.56	0.07	2610	50	96.4	0.6	<0.001	0.07	0.07	74.3	2.8	2.5	3.8	<0.01	0.05	4.7	0.093	<0.02	22.1	154	0.47	12.55	207	22.6			
0.03	3.8	3.3	0.44	306	0.16	0.69	0.07	2980	50	80.6	0.5	<0.001	0.07	0.08	69.8	2.7	2.2	4.1	<0.01	0.02	3.2	0.099	<0.02	27.1	142	0.49	12.7	236	13.8			
0.02	4.1	1.6	0.61	315	0.17	0.7	0.08	3390	60	82.1	0.4	<0.001	0.07	0.1	67.7	2.5	2.7	4	0.01	0.02	3	0.096	<0.02	28.4	136	0.57	14.75	246	14.4			
0.02	3.8	2.8	1.48	323	0.16	0.64	0.06	3560	60	77.5	0.4	<0.001	0.07	0.1	71.4	2.5	3.1	3.8	0.01	0.02	2.6	0.106	<0.02	26.3	141	0.87	13.95	222	15.2			
0.02	3.7	2	2.01	330	0.18	0.68	0.06	3870	80	92.5	0.4	<0.001	0.07	0.12	64.2	2.2	3.1	4	0.01	0.03	2	0.116	0.02	18	135	1.48	13.45	229	13.6			
0.02	2.6	2	3.26	337	0.14	0.63	<0.05	3530	110	97.1	0.3	<0.001	0.06	0.11	54.2	1.6	3.7	3.6	<0.01	0.03	1.1	0.116	0.02	10.9	120	1.94	10.7	207	9.9			
0.02	3.2	1.1	1.84	402	0.11	0.66	0.06	2820	110	44	0.3	<0.001	0.06	0.13	52.1	1.2	4.1	3.7	0.01	0.02	1.2	0.125	0.02	8.08	116	1.9	13.15	219	10.2			
0.02	2.6	0.9	1.22	427	0.13	0.63	0.06	3000	100	35	0.3	<0.001	0.06	0.14	45.9	1.4	4.9	4.1	<0.01	0.01	0.9	0.131	0.02	7.72	112	1.89	10.55	186	12.4			
0.03	3.7	2	1.4	382	0.17	0.66	0.06	2800	60	31.4	0.4	<0.001	0.06	0.12	55.5	1.3	5.4	4.2	<0.01	0.02	1.2	0.15	0.02	8.61	140	0.84	12.1	189	8.7			
0.03	4.2	2.3	0.7	536	0.11	0.66	0.09	2990	60	16.4	0.5	0.001	0.06	0.11	54.2	0.9	6.7	4.6	<0.01	0.02	1.1	0.174	0.03	7.1	148	0.87	12.95	168	6.6			
0.04	7.6	4.2	1.92	2490	0.23	0.81	0.05	4810	60	65	0.9	<0.001	0.07	0.08	57.7	1.6	4.1	16.8	0.01	0.01	4.2	0.106	0.19	14.45	124	0.85	17.55	2				

0.13	3.3	1.2	0.51	81	0.09	1.16	<0.05	819	30	8.9	5.4	<0.001	0.08	<0.05	23.4	0.9	0.9	24	<0.01	0.04	6.8	0.025	0.04	1.04	56	0.06	6.76	79	1.9			
0.31	5.5	2.4	1.06	356	0.05	1.05	<0.05	881	30	49.2	21.2	<0.001	0.05	<0.05	24.3	1	0.6	10.9	<0.01	0.02	6.7	0.035	0.22	0.89	50	0.09	13.2	95	2.8			
0.2	5.2	2.1	1.14	417	0.05	0.95	<0.05	760	30	64.2	12.8	<0.001	0.05	<0.05	23.3	0.7	0.6	11.3	<0.01	0.03	7	0.031	0.21	0.93	55	0.07	10	77	2.6			
0.13	13.4	1.9	0.97	449	0.11	0.92	<0.05	826	40	93.6	5.8	<0.001	0.04	<0.05	20.8	0.7	0.6	13.9	<0.01	0.03	3.8	0.019	0.17	1.03	67	<0.05	18.5	72	1.4			
0.12	33.8	2.3	1.08	370	0.08	0.83	<0.05	960	60	60.8	4.8	<0.001	0.03	<0.05	20.1	1.2	0.5	8.3	<0.01	0.02	3.2	0.031	0.1	1.58	98	<0.05	35.7	94	2.1			
0.21	37.7	3.8	1.43	931	0.05	1.1	<0.05	1065	50	97.6	12.8	0.001	0.03	<0.05	25.5	1.7	0.9	10.1	<0.01	0.03	5.2	0.042	0.32	1.77	78	<0.05	32.1	127	3			
0.21	24	3.7	1.45	171	0.06	1.11	<0.05	1260	30	23.1	11.2	<0.001	0.03	<0.05	25.3	1	0.8	9.4	<0.01	0.02	4	0.036	0.1	1.39	70	<0.05	19.35	120	2.5			
0.18	66.8	6.2	2.21	308	<0.05	1.14	<0.05	1115	70	47	9.7	0.001	0.03	<0.05	26.2	0.8	0.5	8.9	<0.01	0.04	1.7	0.037	0.11	1.38	92	<0.05	46.1	171	2.4			
0.27	66.2	6.8	1.35	217	0.05	1.26	<0.05	993	80	51.8	26.3	<0.001	0.04	<0.05	39.3	1.2	0.9	11	<0.01	0.02	4.5	0.03	0.22	1.7	108	<0.05	28.9	134	3.6			
0.35	83.6	9.2	1.35	103	0.05	1.2	<0.05	826	150	32.6	23.1	<0.001	0.05	<0.05	37.5	1.1	0.5	10.9	<0.01	0.02	6.4	0.085	0.17	1.84	126	<0.05	30.5	143	3.7			
0.28	62.3	10.4	1.45	86	0.05	1.22	<0.05	696	140	26.1	22.7	<0.001	0.05	<0.05	34.5	0.8	0.4	10.6	<0.01	0.03	5.8	0.071	0.21	1.9	116	<0.05	21.5	155	6.6			
0.22	30	15.7	3	145	0.13	1.68	<0.05	1345	70	33.1	13	<0.001	0.04	0.07	37.8	0.8	1.2	11.4	<0.01	0.05	3.1	0.057	0.12	1.64	94	<0.05	15.05	226	3.3			
0.2	17.6	19.1	3.77	176	0.12	1.82	<0.05	1605	40	41.1	11.6	<0.001	0.04	0.06	44.8	1.3	1.4	11.6	<0.01	0.05	2.6	0.059	0.11	2.67	109	<0.05	9.72	266	3.9			
0.03	1.2	1	0.05	22	0.3	0.13	<0.05	34.6	10	2.4	1.8	<0.001	0.02	<0.05	2.8	0.4	0.4	2.4	<0.01	0.08	3.7	<0.005	<0.02	0.78	53	0.09	1.24	5	3.4			
0.05	1.6	2	0.09	52	0.14	0.2	<0.05	118	20	4	2.5	<0.001	0.03	<0.05	5.4	0.9	1	2.5	<0.01	0.05	2.1	0.007	0.02	0.86	35	0.15	1.28	12	4.5			
0.04	1.1	1.2	0.05	25	0.06	0.22	0.05	136.5	30	7.5	1.4	<0.001	0.04	<0.05	11.1	1	1.8	2	<0.01	0.17	10.2	0.036	<0.02	0.96	235	0.09	0.85	18	10			
0.04	0.7	1.6	0.04	61	0.12	0.26	0.06	215	50	6	1	<0.001	0.07	0.06	25.5	1.4	1.3	2.1	<0.01	0.32	10.6	0.028	<0.02	1.52	384	<0.05	0.8	17	10.4			
0.05	3.5	2	0.1	94	0.17	0.35	0.05	433	30	7.2	4	<0.001	0.07	0.07	43.2	1.5	1	3.7	<0.01	0.13	8.9	0.026	0.02	3	188	1.32	4.33	63	13.2			
0.03	4.7	1.3	0.07	482	0.18	0.45	0.14	2010	30	13.5	0.6	<0.001	0.1	0.15	90.5	1.8	2.7	2.9	<0.01	0.07	10.2	0.132	0.03	4.57	245	0.41	7.86	84	34.4			
0.03	4.3	1.3	0.07	453	0.16	0.5	0.3	1475	20	10.8	1	<0.001	0.1	0.11	64.9	2.3	2.7	3.4	0.01	0.05	8.6	0.101	<0.02	4.05	199	0.31	7.16	63	21.9			
0.03	12.2	1.3	0.06	1130	0.12	0.43	0.27	2070	40	20	0.7	<0.001	0.11	0.07	33.9	1.4	2.2	2.6	0.03	0.02	6.1	0.053	0.02	3.85	110	0.23	13.65	51	8.9			
0.03	7.4	1.3	0.08	821	0.17	0.6	0.19	2060	40	13.9	0.8	<0.001	0.13	0.16	42.3	1.9	4	3.4	0.01	0.05	10	0.124	0.03	2.78	164	1.22	14	93	19.8			
0.05	8.9	1.3	0.16	605	0.14	0.85	0.12	2070	40	9.4	1.2	<0.001	0.12	0.09	39.7	1.5	3.3	6.8	<0.01	0.02	8.4	0.044	0.02	2.28	107	0.85	13.35	81	7.5			
0.04	7.8	1.7	0.16	1385	0.09	0.69	0.05	1745	50	14.4	1	<0.001	0.11	0.05	26.1	0.5	2.7	7.5	<0.01	0.02	5.2	0.019	0.02	1.39	65	0.51	10.45	57	3.7			
0.06	8.7	1.6	0.26	1010	0.15	1	0.05	2060	50	12.5	1.9	0.001	0.11	0.07	34	1	3.3	8.6	<0.01	0.02	5.6	0.03	0.03	1.91	81	0.8	13.85	75	3.8			
0.06	11	2	0.26	1500	0.16	0.86	<0.05	1915	50	19.1	2.2	<0.001	0.11	0.05	27.8	0.9	2.1	7.8	<0.01	0.02	5.3	0.017	0.03	2.12	75	0.53	15.3	74	3			
0.06	9.3	2.1	0.93	1010	0.17	0.78	<0.05	1775	40	18.6	2.5	<0.001	0.08	0.08	22.1	0.8	2.1	10.9	<0.01	0.02	4.6	0.025	0.02	2.57	58	0.57	14.15	80	3.6			
0.11	11.4	4.2	1.54	948	0.24	0.83	<0.05	2370	50	21.5	7.5	0.001	0.07	0.11	24.9	1	2.4	9.8	<0.01	0.01	6.1	0.042	0.07	2.57	74	0.52	16.15	98	5.1			
0.1	9.8	7.8	2.56	1265	0.22	0.93	<0.05	5340	40	25.3	4	<0.001	0.06	0.05	18.2	0.5	2.6	9.8	<0.01	0.01	4.9	0.033	0.13	2.65	55	0.27	14.5	137	3.5			
0.1	9.8	8.4	2.1	1715	0.26	1.03	0.06	5300	30	20.5	4	<0.001	0.06	0.06	16.9	0.6	2.3	12.9	<0.01	<0.01	5.5	0.027	0.42	2.37	45	0.49	12.9	146	3.4			
0.1	19.4	9.4	3.08	5090	0.25	1.01	<0.05	6610	40	10.3	2.9	<0.001	0.04	0.06	18.7	0.8	2.3	20.8	<0.01	<0.01	6.7	0.039	1.27	1.66	48	0.72	17.8	164	5.6			
0.08	11.2	3.4	2.14	2640	0.12	0.96	<0.05	3620	40	11.1	1.6	<0.001	0.05	0.1	21.3	1.3	2.5	11.1	<0.01	0.02	5.8	0.053	0.76	1.59	45	1.6	13.4	117	8.4			
0.06	11.8	3.3	1.98	2030	0.17	0.82	<0.05	3360	50	7.2	1.6	<0.001	0.05	0.08	17.6	0.9	1.9	10.7	<0.01	0.01	5.1	0.043	0.43	1.55	42	1.1	18.6	143	8.2			
0.06	10.4	3.2	2.28	1540	0.18	0.79	<0.05	3240	50	6.4	2.6	0.001	0.05	0.09	18	1.1	2.1	9	<0.01	<0.01	6	0.055	0.29	1.56	47	0.95	18.1	132	10			
0.09	14	6.2	1.88	2380	0.24	0.91	0.06	3620	50	15.5	4.3	<0.001	0.06	0.08	19.8	1.2	1.9	10	0.01	<0.01	7.4	0.047	0.41	1.86	55	0.86	19.3	141	8.3			
0.08	12.2	4	1.46	1700	0.23	0.93	0.05	2650	60	13.6	4.1	0.001	0.07	0.09	20.7	0.9	1.6	10	0.01	<0.01	5.7	0.04	0.28	1.66	55	0.74	21	121	8.1			
0.1	12.9	5	2.65	1510	0.24	0.85	<0.05	2570	60	14.1	6.5	<0.001	0.05	0.07	22.5	0.6	1.6	9.7	<0.01	<0.01	8	0.046	0.3	1.83	66	0.75	21.5	120	9.4			
0.09	16.2	3	1.96	1100	0.21	0.97	<0.05	2990	60	6	3.2	<0.001	0.06	0.1	21	1.5	1.5	10.5	<0.01	<0.01	5.3	0.061	0.24	1.12	49	1.08	28.3	123	13			
0.09	14.6	3.3	4.14	1175	0.24	1	<0.05	3100	50	5.3	2.2	<0.001	0.06	0.08	22.2	1.2	1.5	11	<0.01	<0.01	5.3	0.075	0.32	0.97	59	0.85	26	126	13			
0.1	17.3	3.4	2.25	983	0.29	1	<0.05	2920	50	8.2	6.2	<0.001	0.06	0.09	20.4	1.1	1.5	10.4	<0.01	0.01	6.4	0.059	0.27	1.2	51	0.97	23.3	112	11.8			
0.13	25	4.1	1.21	796	0.3	1.16	0.06	1630	70	19.9	16	0.001	0.08	0.08	17.4	0.8	1.7	12.1	<0.01	0.02	11	0.035	0.18	2.55	66	0.46	21.5	96	8.1			
0.08	47.7	2.9	2.28	902	0.19	0.91	<0.05	2920	60	7.4	4.5	<0.001	0.06	0.07	11.6	1.1	0.9	8.7	<0.01	<0.01	4.8	0.039	0.17	1	44	0.64	52.4	84	7.6			
0.06	17.8	1.9	2.89	300	0.11	0.56	<0.05	2490	40	2.5	2.4	0.001	0.04	<0.05	3.8	0.5	0.3	5	<0.01	<0.01	2.1	0.026	0.04	0.27	33	0.47	24.7	44	3.6			
0.06	12.6	1.9	4.11	5550	0.11	0.36	<0.05	1930	70	2.9	2.9	<0.001	0.03	<0.05	3.9	0.5	0.3	4.3	<0.01	0.01	2	0.023	0.03	0.25	36	1.58	19.4	39	3.6			
0.05	9.9																															

0.02	1.1	1.7	0.05	161	0.1	0.24	<0.05	458	20	13.3	0.7	<0.001	0.05	0.21	47.9	<0.2	2.1	2.2	<0.01	0.06	7.2	0.047	<0.02	3.51	241	0.14	1.96	31	20.4			
0.02	2.1	3.1	0.06	482	0.09	0.25	<0.05	859	10	27.8	0.7	<0.001	0.05	0.08	51.6	0.4	1.9	1.9	<0.01	<0.01	4	0.052	0.02	3.99	186	0.08	3.58	41	16.9			
0.02	2.1	1.9	0.07	483	0.09	0.24	<0.05	770	20	21.6	0.6	<0.001	0.05	0.09	56.1	0.7	1.6	1.9	<0.01	0.01	3.9	0.051	<0.02	3.67	174	0.08	3.94	48	17.4			
0.03	1.7	2	0.07	269	0.1	0.36	0.08	592	20	16.8	0.9	<0.001	0.07	0.09	54.4	<0.2	1.8	2.5	<0.01	<0.01	6.9	0.053	<0.02	3.31	179	0.08	3.44	34	17.1			
0.02	1.6	2.6	0.06	228	0.12	0.38	0.05	664	30	27.2	0.6	<0.001	0.09	0.11	71.3	0.5	1.8	2.3	<0.01	0.01	8.5	0.062	<0.02	4.51	245	0.16	4.28	55	34.5			
0.02	2.8	3.1	0.06	256	0.12	0.42	0.05	1005	70	75.2	0.6	<0.001	0.12	0.1	73.4	0.9	1.4	2.5	<0.01	0.03	6.5	0.089	<0.02	4.82	215	0.48	9.63	73	25.5			
0.03	3.4	1.9	0.08	465	0.13	0.45	0.06	899	40	64.2	0.7	<0.001	0.11	0.11	65.5	0.9	1.4	2.8	<0.01	0.01	5.2	0.068	0.02	4.56	207	0.32	11.55	67	16			
0.02	2.8	3.3	0.07	686	0.11	0.4	0.15	1250	50	38.9	0.5	<0.001	0.09	0.1	63.8	0.5	2.2	2.8	0.01	<0.01	6.5	0.069	<0.02	4.44	153	0.51	8.14	77	15.1			
0.02	1.8	2.5	0.06	857	0.1	0.39	0.07	1110	40	21.7	0.4	<0.001	0.08	0.08	50.7	0.6	3.2	2.2	<0.01	0.02	4.4	0.061	<0.02	3.88	123	0.5	7.09	87	11.7			
0.03	3.4	3.5	0.2	512	0.15	0.55	0.05	1140	60	39.2	1.1	<0.001	0.1	0.13	61	0.7	2.4	3.5	<0.01	0.02	5.6	0.109	0.02	4.14	199	0.6	8.3	73	16.3			
0.02	3.9	2	0.07	483	0.1	0.48	0.1	957	50	48.6	0.4	<0.001	0.09	0.1	55.2	0.9	0.7	2.6	<0.01	0.02	5.6	0.061	0.02	5.04	132	0.44	11.8	109	10.4			
0.03	2.4	3.2	0.08	217	0.15	0.59	0.07	1160	110	37.2	0.5	<0.001	0.11	0.07	60.8	0.9	0.7	3	<0.01	0.01	5.6	0.102	<0.02	4.64	162	1.3	6.97	58	8.1			
0.02	5.6	3.2	0.09	492	0.11	0.56	0.07	1435	70	37.6	0.4	<0.001	0.1	0.06	56.5	1.1	0.6	3.1	<0.01	0.03	3.4	0.088	0.02	4.71	128	0.86	12.95	74	6			
0.02	7.9	2.3	0.1	996	0.12	0.57	0.1	1795	60	44	0.3	<0.001	0.1	0.06	50.4	1.2	0.4	3.1	<0.01	<0.01	2.8	0.058	0.02	5.61	88	0.55	16.9	70	4			
0.02	9.2	4	0.09	1080	0.11	0.48	0.06	1960	50	49.5	0.3	<0.001	0.08	<0.05	39.2	1	0.4	2.9	<0.01	0.01	2.5	0.043	<0.02	5.45	57	0.45	17.5	81	6			
0.02	7.5	3.4	0.44	999	0.15	0.58	0.06	2120	70	41.3	0.5	0.001	0.08	0.05	39.7	1.2	0.6	3.8	<0.01	0.01	3.8	0.05	0.02	5.1	78	0.77	16.5	91	6.6			
0.03	5.3	2.3	0.63	529	0.22	0.67	0.09	2740	70	23.9	0.7	0.001	0.07	0.07	32.8	1	0.6	4.1	<0.01	0.01	4.5	0.057	0.02	8.47	74	1.24	13.9	93	6.4			
0.03	8.9	3.3	0.85	2440	0.21	0.52	<0.05	2890	70	45.4	1.8	<0.001	0.06	0.05	25.3	1.1	0.4	6.4	<0.01	0.02	3.2	0.033	0.06	7.82	58	0.48	20.2	179	5.9			
0.03	6.8	3.1	2.38	1520	0.18	0.6	0.05	3210	50	28.6	0.5	<0.001	0.06	0.05	26	0.8	0.6	6.3	<0.01	0.03	3.7	0.05	0.05	7.31	50	0.92	15.85	133	7.1			
0.03	14.6	2.8	0.8	4720	0.26	0.54	0.05	3810	60	51.2	0.5	<0.001	0.05	<0.05	19.9	0.7	0.4	20.3	<0.01	0.04	2.5	0.033	1.22	4.96	34	0.71	20.7	145	4.3			
0.04	16.6	2.8	2.02	4400	0.24	0.7	<0.05	3980	60	28.4	0.6	<0.001	0.06	<0.05	24.6	0.3	0.4	19	<0.01	0.02	2.8	0.037	1.24	3.8	40	1.26	20.1	124	3.9			
0.03	18.8	2.3	0.78	3940	0.24	0.71	<0.05	3900	60	22.2	0.5	<0.001	0.06	0.05	23.3	0.4	0.4	15.4	<0.01	0.02	2.6	0.029	0.78	3.4	40	0.88	22.4	129	4.4			
0.05	14.5	2.2	1.17	3120	0.32	0.84	<0.05	5920	40	8.4	0.8	<0.001	0.06	0.05	22.3	0.6	0.6	17.6	<0.01	0.02	2.5	0.037	0.86	2.15	51	1.14	24.2	113	6.5			
0.05	13.7	2.7	1.48	2640	0.29	0.94	<0.05	5200	40	15.4	0.8	0.001	0.08	0.05	26.5	0.3	0.6	15.8	<0.01	<0.01	2.8	0.043	0.64	3.7	60	0.97	20.9	113	6.5			
0.05	12	4.3	2.79	1630	0.44	0.92	<0.05	6590	40	11.7	1.3	0.001	0.07	0.12	29.5	<0.2	0.5	9.2	<0.01	0.01	2.7	0.06	0.28	2.09	76	0.69	21.2	117	5			
0.05	10.4	3.3	1.68	1275	0.39	0.91	<0.05	6750	20	3.9	0.8	0.001	0.07	<0.05	24.7	0.2	0.4	8.7	<0.01	0.01	1.2	0.057	0.21	0.98	48	0.77	25.3	110	3			
0.06	6.2	3.9	2.05	947	0.31	1.03	<0.05	6350	10	2.4	0.9	<0.001	0.07	<0.05	24.4	0.3	0.4	9	<0.01	0.01	1.4	0.072	0.18	0.48	50	0.52	14.75	88	2.4			
0.06	8.1	4.3	3.49	1225	0.36	0.98	<0.05	6260	20	3.7	1.2	<0.001	0.07	<0.05	23.9	<0.2	0.4	9.3	<0.01	0.01	1.6	0.074	0.33	0.75	64	0.6	17.1	91	2.8			
0.08	25.8	3.2	2.38	684	0.21	1.2	<0.05	4740	30	4.2	1.2	<0.001	0.08	<0.05	22	<0.2	0.6	10	<0.01	<0.01	5.1	0.061	0.12	0.49	43	0.31	21.8	99	7.7			
0.06	26.9	2.9	1.79	984	0.24	1.05	<0.05	4830	30	6.2	1.1	<0.001	0.07	<0.05	23.9	0.2	0.4	10.5	<0.01	0.02	3.3	0.054	0.19	0.83	44	0.64	25.5	94	5.8			
0.07	32.6	2.5	3.45	1125	0.28	1.06	<0.05	5330	40	6.7	1.5	0.001	0.08	<0.05	25	0.2	0.5	10.4	<0.01	0.01	2.4	0.072	0.2	0.96	63	0.65	28	92	4.8			
0.05	36.4	1.1	4.18	6110	0.37	0.67	<0.05	3120	60	2.3	1	0.003	0.06	<0.05	9.1	0.4	0.2	6.9	<0.01	0.02	1.7	0.033	0.1	0.34	37	270	26.5	61	3.5			
0.01	3.9	3.2	0.45	683	0.49	0.09	0.07	284	10	3.1	1.4	<0.001	0.03	<0.05	4.3	0.4	0.4	2	<0.01	0.01	3.7	0.014	0.04	0.68	18	0.22	3	10	5.9			
0.02	6.9	3.2	1	1110	0.63	0.16	<0.05	576	20	3.8	1.4	0.001	0.03	<0.05	4.9	0.4	0.3	2.9	<0.01	0.05	4.5	0.015	0.04	0.71	32	57.5	5.5	15	5.8			
0.03	5.2	8.2	0.51	780	1.12	0.14	0.06	513	20	14	2.8	<0.001	0.03	0.11	10.5	1.1	0.7	5.1	<0.01	0.17	13.9	0.018	0.08	1.83	113	0.08	4.58	12	18.8			
0.03	4.7	3.9	0.34	627	0.86	0.14	<0.05	323	10	5.7	1.9	<0.001	0.03	0.07	4.9	0.6	0.6	5.6	<0.01	0.14	5.8	0.011	0.02	0.75	86	4.1	3.64	9	12			
0.02	2.2	2.2	0.15	214	0.29	0.12	<0.05	222	10	2.6	0.9	<0.001	0.02	<0.05	5.4	<0.2	0.4	2.5	<0.01	0.03	5.4	0.009	<0.02	0.75	43	0.05	1.65	6	10			
0.02	2.2	1.8	0.15	192	0.24	0.21	<0.05	326	10	4.1	0.8	<0.001	0.04	<0.05	6.2	<0.2	0.5	2.9	<0.01	0.03	6.9	0.01	0.02	1.3	123	0.42	2.04	7	12.2			
0.02	1.2	2.2	0.08	89	0.18	0.21	<0.05	172.5	10	3	0.8	<0.001	0.04	<0.05	5	<0.2	0.5	2.2	<0.01	0.02	4.6	0.007	<0.02	0.92	79	<0.05	1.06	4	7			
0.03	1.1	1.9	0.08	67	0.1	0.28	<0.05	145	<10	3.6	0.9	<0.001	0.03	<0.05	6.4	<0.2	1	2.9	<0.01	0.01	5.8	0.007	<0.02	0.97	51	<0.05	1.05	3	4.9			
0.03	2	1.4	0.11	121	0.08	0.3	<0.05	256	<10	3.2	0.8	<0.001	0.03	<0.05	8.5	<0.2	0.7	2.8	<0.01	0.03	7.1	0.005	0.02	0.86	37	<0.05	1.66	6	7.4			
0.03	0.7	1.3	0.07	54	0.07	0.31	<0.05	180.5	<10	5.3	0.8	<0.001	0.03	0.05	11.2	<0.2	2	2.7	<0.01	0.02	19.4	0.013	<0.02	0.68	55	0.2	0.63	7	11.4			
0.03	3.4	3.8	0.12	119	0.18	0.32	0.05	619	20	25.4	0.6	<0.001	0.05	0.26	44.1	<0.2	2.7	2.4	<0.01	0.07	29.5	0.076	<0.02	2.97	560	0.21	2.8	24	38.7			
0.03	2.4	1.7	0.14	193	0.2	0.37	0.06	747	40	25.9	0.6	<0.001	0.07	0.43	70.1	0.6	1.7	2.7	<0.01	0.07	14.8	0.108	<0.02	3.67	399	0.57	2.94	28	39.2			

0.02	5.3	1.9	0.69	713	0.18	0.61	0.12	2340	150	45.9	0.3	<0.001	0.05	0.09	45.1	0.6	0.8	3.5	0.01	0.01	1.2	0.146	<0.02	6.33	113	0.7	12.9	110	11.8			
0.02	11.2	1.4	0.67	824	0.19	0.58	0.11	2420	130	48.9	0.2	<0.001	0.05	0.09	41.5	0.2	0.4	3.3	0.01	0.02	1	0.096	<0.02	3.96	98	0.54	18.45	138	10.3			
0.02	4.1	1.2	0.91	649	0.26	0.53	0.11	2770	110	37	0.2	<0.001	0.05	0.13	42.4	0.3	0.4	2.8	<0.01	0.02	1.1	0.117	0.02	2.84	118	1.04	10.85	117	12.9			
0.02	3.3	1.1	0.56	501	0.26	0.52	0.07	2730	110	38.1	0.2	<0.001	0.05	0.13	38.8	0.5	0.5	2.8	<0.01	0.02	0.8	0.096	0.03	2.06	160	1.12	11.1	97	11.7			
0.02	5.4	1.5	0.48	575	0.32	0.69	0.09	2850	170	39.9	0.2	0.001	0.06	0.12	59.8	0.4	0.3	3.8	0.01	<0.01	1	0.107	0.02	2.92	127	1	20.2	197	5.7			
0.03	5.1	2.6	0.31	564	0.25	0.65	0.09	1975	160	68.4	0.3	<0.001	0.06	0.1	54.5	0.4	0.7	3.7	<0.01	0.02	1.1	0.152	0.02	3.76	158	0.82	13.25	103	20.7			
0.02	5.9	1.1	0.68	559	0.27	0.68	0.08	2480	120	47.4	0.2	0.001	0.06	0.09	40.7	0.2	0.5	3.7	<0.01	0.01	1	0.108	0.02	3.21	126	0.82	13.1	114	12.4			
0.03	5.6	1.5	0.44	618	0.26	0.8	0.07	2850	110	37.2	0.4	<0.001	0.07	0.09	53.4	0.4	0.7	5.2	0.01	<0.01	1.6	0.104	0.02	3.43	120	0.84	15.25	113	10.5			
0.03	7	0.8	1.34	788	0.19	0.56	<0.05	3400	60	11.9	0.4	<0.001	0.05	0.05	45	0.3	1.1	5.7	<0.01	0.01	0.6	0.079	0.02	1.32	72	1.22	18.35	141	10.5			
0.03	33.6	0.8	1.07	4680	0.23	0.55	<0.05	5220	50	7.9	0.4	0.001	0.05	<0.05	26.6	<0.2	0.5	12.4	0.01	0.04	0.4	0.032	0.27	1.26	35	0.94	41.1	284	3.7			
0.07	68.3	0.7	1.68	25700	0.51	0.87	<0.05	12450	70	5.1	2	0.001	0.08	<0.05	26.7	0.4	0.5	44.3	0.02	0.02	0.4	0.048	0.89	2.19	55	0.84	102	228	4.1	1,245		
0.06	24.8	0.5	1.26	7210	0.35	0.89	<0.05	7140	30	5.4	1.3	<0.001	0.07	<0.05	24.3	<0.2	0.8	21.2	<0.01	0.02	0.6	0.061	0.34	0.66	36	0.67	32.5	81	5.7			
0.05	30.6	0.7	1.49	6100	0.52	0.85	<0.05	7340	50	6.5	1.3	0.001	0.08	0.1	29.7	0.4	0.7	17.4	0.01	0.01	0.6	0.06	0.24	1.37	54	0.97	57.7	106	5.7			
0.07	113	2.2	2.79	2980	0.35	1.3	<0.05	7980	70	6.9	1.3	0.001	0.1	<0.05	27.9	0.4	0.7	14.3	<0.01	0.01	0.7	0.072	0.1	0.95	56	0.65	62.8	116	6.8			
0.06	107.5	1	5.18	1195	0.4	1.12	<0.05	9090	50	4.3	1.4	<0.001	0.09	<0.05	20.2	0.2	0.5	10.4	0.01	0.01	0.5	0.053	0.04	0.45	40	0.69	46.6	146	4.3			
0.05	51.4	0.9	2.57	1050	0.33	0.99	<0.05	7040	30	4.2	1.3	<0.001	0.08	<0.05	19.8	0.3	0.6	8.6	<0.01	0.01	0.5	0.057	0.04	0.48	37	0.52	30	83	4.2			
0.09	59.1	1.1	3.38	982	0.4	1.5	<0.05	7930	30	5.1	1.9	<0.001	0.12	<0.05	24.7	<0.2	0.9	13.9	<0.01	0.01	0.5	0.059	0.05	0.33	40	0.71	23.3	60	5.9			
0.06	24.6	0.9	6.8	1785	0.37	1.33	<0.05	6720	20	3.9	1.3	<0.001	0.11	<0.05	18	<0.2	0.6	12.8	<0.01	0.01	0.4	0.05	0.06	0.5	36	0.53	28.9	57	4			
0.05	30.4	1.1	5.84	1685	0.41	1.02	<0.05	6530	50	10.4	1.1	<0.001	0.08	<0.05	21.8	0.3	0.6	11.7	0.01	<0.01	0.7	0.045	0.06	1.18	44	3.8	39.6	67	4.3			
0.01	2.6	5.4	0.07	66	0.88	0.03	0.1	93	20	9.5	1.5	<0.001	0.03	0.14	6	0.5	1	2	<0.01	0.03	10	0.012	0.06	1.25	58	0.06	1.72	6	10.8			
0.02	5.7	6	0.79	234	1.26	0.2	0.09	730	20	13.3	1.3	0.001	0.05	0.19	7	1.2	1.1	3.8	<0.01	0.14	11.9	0.02	0.04	1.29	141	0.15	4.65	13	19.7			
0.03	3.8	4	0.46	167	0.85	0.17	0.05	419	20	12.3	2.2	<0.001	0.08	0.11	5.5	1.8	0.9	47.3	<0.01	0.09	5.2	0.01	0.02	0.78	112	0.34	3.01	9	12.5			
0.01	1.8	2.1	0.27	119	0.34	0.08	0.06	273	10	2.8	0.6	0.001	0.04	0.09	4.6	<0.2	0.6	3.6	<0.01	0.03	6.6	0.009	0.02	0.38	46	0.3	1.67	8	9.5			
0.02	4.3	1.6	0.39	196	0.29	0.16	<0.05	504	10	2.7	0.8	<0.001	0.04	<0.05	5.2	0.2	0.7	3.3	<0.01	0.01	5.1	0.01	<0.02	0.41	35	0.33	2.96	11	7.4			
0.03	2.1	0.9	0.2	116	0.08	0.16	<0.05	266	10	2.8	1.5	<0.001	0.04	0.06	8.7	<0.2	0.8	2.6	<0.01	0.02	7	0.006	0.02	0.31	201	<0.05	1.72	6	11.4			
0.03	2.4	1.1	0.36	160	0.09	0.22	<0.05	411	10	4.4	1.3	<0.001	0.05	0.1	15.2	<0.2	2.2	3.5	<0.01	0.05	3.8	0.014	0.02	0.45	264	<0.05	2.46	8	8.4			
0.03	3.3	1.6	0.3	300	0.12	0.2	<0.05	499	10	5.1	1.4	<0.001	0.05	0.07	29.6	0.6	4.1	4.9	<0.01	0.08	2.8	0.017	0.02	0.71	272	<0.05	2.95	13	6.9			
0.03	4.6	2.1	0.33	599	0.2	0.2	<0.05	820	70	33.8	1.6	<0.001	0.07	0.12	63.8	1	1.4	2.8	<0.01	0.08	3.3	0.034	0.03	2.28	365	0.16	7.15	49	10.3			
0.03	5.1	2.6	0.31	228	0.26	0.2	<0.05	826	70	32.6	1	0.001	0.07	0.14	55.3	0.6	1.6	2.3	<0.01	0.12	5	0.042	0.02	3.42	156	0.28	8.97	46	13.7			
0.02	4.7	2.3	0.32	274	0.35	0.27	0.05	1395	70	21.4	0.7	<0.001	0.09	0.28	67	0.7	0.7	2.5	<0.01	0.07	3.6	0.081	0.02	4.86	189	0.5	9.86	83	14.8			
0.02	3.8	2.8	0.31	307	0.4	0.3	0.06	1690	70	18.4	0.6	0.001	0.1	0.25	52.7	0.7	0.9	3.3	<0.01	0.2	3.3	0.06	0.03	4.84	154	0.44	7.88	89	12.2			
0.02	5.1	4.5	0.36	308	0.31	0.17	0.08	1925	40	22.1	0.5	0.001	0.09	0.19	41.2	0.9	1.3	2.1	0.01	0.32	2.3	0.063	0.02	6.2	87	0.46	21.7	146	8.8			
0.04	5.4	3	0.24	2380	0.32	0.3	0.06	1985	40	97.1	0.5	0.001	0.08	0.15	38.6	0.4	0.9	2.7	<0.01	0.35	1.8	0.088	0.2	7.27	102	0.7	13.35	114	9.3			
0.03	4.5	2.6	0.11	1505	0.24	0.3	0.05	1910	20	42.8	0.4	<0.001	0.08	0.12	39.1	0.5	1	2.7	<0.01	0.36	1.2	0.071	0.12	6.47	92	0.65	12.15	104	8.8			
0.05	7.4	2.5	0.3	2120	0.31	0.51	<0.05	4010	20	46.7	0.8	0.001	0.07	0.15	50.7	0.7	1.4	6.4	<0.01	0.28	0.9	0.045	0.17	6.01	101	1.11	19.65	153	6.5			
0.07	9.6	5.8	2.46	1515	0.49	0.93	<0.05	7520	20	49.1	1.3	0.001	0.06	0.13	35.4	0.5	1.3	9.8	0.01	0.06	0.9	0.051	0.2	5.93	86	1.13	21.9	185	5.9			
0.09	12.7	6.4	3.69	3560	0.49	0.97	<0.05	11500	20	95.3	1.4	0.001	0.06	0.13	32.1	0.2	1.4	10.8	0.01	0.02	0.7	0.047	0.83	7.07	80	1.05	27.8	216	5	1.15		
0.08	8.2	12.3	4.03	2620	0.94	0.98	<0.05	23000	30	45.6	1.6	0.001	0.06	0.12	32.6	0.3	1.4	10.1	0.01	<0.01	0.8	0.086	0.25	8.56	69	1.43	22.9	321	5.2	2.3		
0.09	36.3	10.5	3.02	1600	0.53	1.08	<0.05	12850	60	38.3	2.2	0.001	0.05	0.11	18	0.7	2.2	11.4	0.01	0.02	37.5	0.029	0.12	6.82	36	0.57	38	317	7.1	1,285		
0.06	120.5	3.8	0.41	269	0.2	0.56	<0.05	1225	100	11	3.2	0.001	0.05	<0.05	3.2	<0.2	2.4	6.3	0.01	<0.01	89.6	<0.005	0.04	4.49	6	0.06	47.8	54	17.3			
0.09	53.8	18.8	3.43	1580	0.49	1.06	<0.05	13900	30	38.9	2	0.001	0.05	<0.05	24.3	<0.2	3.7	12.2	0.01	<0.01	9.7	0.021	0.08	2.25	77	0.07	31.5	331	4.6	1.39		
0.08	55.5	7.2	3.22	5740	0.49	0.98	<0.05	11450	30	37.2	2	0.001	0.07	0.06	30.2	0.4	1.9	14.6	0.01	0.02	5.5	0.051	0.31	2.01	59	0.51	44.9	254	5.4	1,145		
0.05	48.8	2.3	1.01	22100	0.34	0.53	<0.05	5970	30	5.5	1.2	0.002	0.06	0.05	19.3	1	0.3	38.5	0.02	0.02	0.5	0.023	0.42	2.81	31	0.43	93.6	237	1.6			
0.06	32.1	2.4	3.13	16450	0.38	0.69	<0.05	5950	30	6.4	1.2	<0.001	0.06	0.06	27.4	0.7	0.5	32.1	0.01	0.04	0.7	0.049	0.52	1.82	47	0.75	59.4	149	2			</

PH24020929	MRAC0026	MR01090	43	44	1.02					19128	0.02	1.13	0.7	0.02	20	10	0.47	0.05	0.04	0.1	4.39	292	1860	0.12	10.2	10.7	3.79	0.33	0.07	<0.01	0.016
PH24020929	MRAC0026	MR01091	44	45	2.02					51882	0.13	0.62	0.7	<0.02	30	<10	0.18	0.04	0.06	0.22	2.44	196.5	931	0.17	6.7	5.78	2.4	0.21	0.05	0.02	0.01
PH24020929	MRAC0026	MR01092	45	46	1.28					89819	0.05	0.68	0.5	<0.02	30	<10	0.18	0.04	0.37	0.59	2.94	168	1310	0.14	14.1	7.43	2.53	0.25	0.05	0.02	0.01
PH24020929	MRAC0027	MR01093	0	1	0.42					3944	0.01	0.67	7.6	<0.02	10	10	0.88	0.3	0.05	0.07	95.1	45.3	1060	0.4	8.7	6.26	11.55	0.13	0.51	<0.01	0.069
PH24020929	MRAC0027	MR01094	1	2	0.54					35917	0.02	1.59	6.3	<0.02	10	130	0.83	0.3	0.1	0.04	59.1	40.1	947	0.4	7.7	5.46	12.75	0.14	0.46	0.01	0.069
PH24020929	MRAC0027	MR01095	2	3	0.37					23192	0.02	1.85	6.8	<0.02	10	140	0.9	0.32	0.14	0.06	47.7	37.8	1050	0.45	7.5	5.77	13.85	0.15	0.5	<0.01	0.073
PH24020929	MRAC0027	MR01096	3	4	0.34					48345	0.01	1.47	4.4	<0.02	10	170	0.53	0.19	3.58	0.03	26.8	28.8	681	0.24	7.4	3.9	13.5	0.09	0.42	<0.01	0.065
PH24020929	MRAC0027	MR01097	4	5	0.44	92				19446	0.01	1.5	4.2	<0.02	10	210	0.62	0.18	1.23	0.03	10.25	30.7	767	0.18	6.6	3.58	12.1	0.07	0.31	0.02	0.062
PH24020929	MRAC0027	MR01098	5	6	0.62					52397	0.01	1.06	2.4	<0.02	10	170	0.16	0.08	0.34	0.02	4.44	12	790	0.12	3.6	2.11	8.01	<0.05	0.31	<0.01	0.022
PH24020929	MRAC0027	MR01099	6	7	0.45					37411	0.01	0.84	1.9	<0.02	10	80	0.17	0.06	0.11	0.01	4.45	20.2	740	0.1	6.2	1.97	4.99	<0.05	0.22	0.01	0.021
PH24020929	MRAC0027	MR01100	7	8	0.4					64360	0.01	0.72	2.8	<0.02	10	10	0.07	0.06	0.02	0.01	2.43	5.9	708	<0.05	3.3	1.94	7.54	<0.05	0.27	0.01	0.022
PH24020929	MRAC0027	MR01101	8	9	0.18					30217	<0.01	1.13	1.7	<0.02	10	10	0.1	0.08	0.03	0.01	2.71	6.5	651	0.06	4.6	1.5	5.12	<0.05	0.22	<0.01	0.018
PH24020929	MRAC0027	MR01102	9	10	1.08					45522	<0.01	2.21	4	<0.02	10	40	0.41	0.13	0.2	0.04	10.65	49	1745	0.12	10.6	5.51	10.8	0.11	0.38	<0.01	0.045
PH24020929	MRAC0027	MR01103	10	11	0.8					51893	0.01	1.03	4.2	<0.02	10	10	0.13	0.15	0.03	0.01	2.39	11.5	3060	0.1	33.2	11.6	7.89	0.16	0.13	0.01	0.031
PH24020929	MRAC0027	MR01104	11	12	0.6					45183	<0.01	1.34	2.3	<0.02	20	<10	0.16	0.12	0.02	0.02	2.15	11.7	2990	0.05	33.4	11.85	10.3	0.15	0.08	0.04	0.017
PH24020929	MRAC0027	MR01105	12	13	1.2					40468	0.01	2.26	1.1	<0.02	20	<10	0.51	0.12	0.01	0.08	4.94	29.7	3770	0.05	32.7	19.9	9.6	0.3	0.19	0.03	0.037
PH24020929	MRAC0027	MR01106	13	14	0.92					39948	0.01	2.33	0.4	<0.02	20	<10	0.84	0.14	0.01	0.39	5.19	30.8	3530	<0.05	21.8	20.4	10.95	0.36	0.28	0.02	0.06
PH24020929	MRAC0027	MR01107	14	15	0.69					78520	0.01	1.45	0.5	<0.02	10	<10	0.71	0.1	0.01	0.01	2.75	19.7	2070	<0.05	11.8	15.35	13.8	0.27	0.58	0.06	0.043
PH24020929	MRAC0027	MR01108	15	16	1.09					11237	<0.01	2.43	0.4	<0.02	10	<10	1	0.16	0.04	0.02	3.55	50.2	2250	<0.05	12.6	13.05	12.25	0.16	0.16	<0.01	0.035
PH24020929	MRAC0027	MR01109	16	17	1.02					39354	<0.01	2.53	0.9	<0.02	10	<10	1.76	0.16	0.04	0.03	5.25	98	1850	0.07	26.2	12.15	8.07	0.15	0.08	0.01	0.031
PH24020929	MRAC0027	MR01110	17	18	1.2					51600	<0.01	3.24	0.7	<0.02	10	10	2.98	0.15	0.04	0.05	9.38	121.5	1190	0.53	31.3	14.8	9.4	0.25	0.1	0.02	0.031
PH24020929	MRAC0027	MR01111	18	19	1					17666	<0.01	3.74	1	<0.02	10	10	3.04	0.19	0.04	0.04	56.2	175	1270	0.17	62.1	13.35	9.68	0.33	0.13	0.01	0.04
PH24020929	MRAC0027	MR01112	19	20	0.49					25818	<0.01	2.76	0.6	<0.02	10	40	4.12	0.24	0.04	0.05	8.52	156.5	2230	<0.05	38.2	14.15	6.19	0.22	0.08	0.02	0.05
PH24020929	MRAC0027	MR01113	20	21	0.64					25267	<0.01	3.43	0.7	<0.02	10	20	3.84	0.21	0.04	0.05	7.64	179	2560	0.06	52	12.15	7.99	0.18	0.08	0.03	0.044
PH24020929	MRAC0027	MR01114	21	22	0.61					36742	0.01	3.38	1.2	<0.02	10	<10	4.02	0.18	0.04	0.04	22.8	204	2650	<0.05	93	12	7.37	0.25	0.12	0.02	0.032
PH24020929	MRAC0027	MR01115	22	23	0.77					24910	<0.01	2.98	0.7	<0.02	10	20	8.78	0.18	0.04	0.11	52.1	227	2840	0.05	245	18.4	7.14	0.41	0.13	0.02	0.035
PH24020929	MRAC0027	MR01116	23	24	0.81					39601	0.01	2.48	1.1	<0.02	10	10	9.04	0.15	0.03	0.16	116	219	2390	<0.05	261	19.7	5.96	0.51	0.14	0.02	0.031
PH24020929	MRAC0027	MR01117	24	25	0.8					77133	0.01	2.79	1	<0.02	10	<10	9.13	0.18	0.03	0.12	134.5	214	2300	0.05	242	19.85	5.99	0.53	0.14	<0.01	0.04
PH24020929	MRAC0027	MR01118	25	26	0.82					40994	<0.01	3.14	1.2	<0.02	10	<10	6.79	0.17	0.03	0.05	22.9	171.5	2940	0.05	188	13.95	7.72	0.33	0.17	<0.01	0.043
PH24020929	MRAC0027	MR01119	26	27	0.78					17845	<0.01	2.34	1.1	<0.02	10	<10	5.05	0.2	0.04	0.04	13.15	172	3500	<0.05	205	13.5	6.78	0.26	0.15	<0.01	0.045
PH24020929	MRAC0027	MR01120	27	28	0.84					11538	0.01	3.13	2	<0.02	20	<10	7.7	0.14	0.03	0.2	16.85	259	3460	0.05	70.8	23.8	8.32	0.39	0.13	0.02	0.032
PH24020929	MRAC0027	MR01121	28	29	0.5					36344	0.03	1.86	2.9	<0.02	20	<10	7.45	0.11	0.02	0.18	16.55	239	3290	<0.05	22	27.2	6.15	0.38	0.12	0.07	0.027
PH24020929	MRAC0027	MR01122	29	30	0.99					23388	0.01	3.18	2.4	<0.02	10	<10	3.03	0.17	0.03	0.06	9.34	216	3690	0.05	17.6	18.4	8.05	0.32	0.15	0.05	0.038
PH24020929	MRAC0027	MR01123	30	31	0.88					40028	<0.01	3.2	3.5	<0.02	10	<10	2.29	0.2	0.04	0.06	11.9	210	4380	0.06	27.8	15.6	7.91	0.3	0.13	0.05	0.032
PH24020929	MRAC0027	MR01124	31	32	0.58					26245	0.01	1.66	0.8	0.03	10	<10	1.25	0.18	0.04	0.05	9.71	149	2670	0.05	20.6	9.12	4.85	0.29	0.11	0.06	0.02
PH24020929	MRAC0027	MR01125	32	33	1.37					58443	0.1	3.06	1.5	0.05	30	240	3.81	0.24	0.05	0.45	179.5	514	510	0.92	30.4	22.2	8.45	0.92	0.14	0.04	0.031
PH24020929	MRAC0027	MR01126	33	34	2.17					52963	0.05	2.66	0.6	0.07	20	60	1.73	0.08	0.13	0.19	27.8	240	553	0.31	18.8	13.45	7.7	0.52	0.16	0.04	0.025
PH24020929	MRAC0027	MR01127	34	35	2.46					20301	0.01	2.05	0.4	0.02	10	20	0.64	0.09	0.25	0.06	15.25	103	607	0.25	8.4	5.85	5.83	0.28	0.13	0.03	0.016
PH24020929	MRAC0027	MR01128	35	36	1.99					32610	0.02	2.97	0.3	<0.02	10	20	0.68	0.08	0.15	0.07	16.1	114.5	564	0.35	8.3	7.39	8.55	0.33	0.17	0.02	0.02
PH24020929	MRAC0027	MR01129	36	37	2.05					46499	0.04	3.14	0.6	<0.02	10	30	0.9	0.08	0.25	0.13	15.05	134	500	0.24	4.3	8.35	9.42	0.29	0.2	0.04	0.027
PH24020929	MRAC0027	MR01130	37	38	1.13					122858	0.02	2.55	<0.1	<0.02	<10	20	0.63	0.07	0.32	0.04	30.5	83.6	606	0.34	6.3	5.5	8.57	0.26	0.26	0.02	0.026
PH24020929	MRAC0028	MR01131	0	1	0.42					27714	0.01	2.58	7.3	<0.02	10	30	1.19	0.21	0.07	0.04	183	92.7	832	0.34	10.7	6.41	14	0.13	0.59	0.01	0.068
PH24020929	MRAC0028	MR01132	1	2	0.2					11027	0.01	2.47	3.9	<0.02	20	20	1.47	0.2	0.07	0.03	115	103.5	485	0.51	10.8	4.16	12.95	0.12	0.46	0.01	0.078
PH24020929	MRAC0028	MR01133	2	3	0.35					21200	0.01	2.32	3.2	<0.02	40	30	1.03	0.19	0.96	0.02	42.2	59.4	257	0.41	12.2	3	9.38	0.1	0.28	0.01	0.059
PH24020929	MRAC0028	MR01134	3	4	0.19					50771	0.01	2.11	4.1	<0.02	40	19															

0.05	24.3	2.5	8.43	2630	0.38	0.9	<0.05	7120	30	6.1	1.1	0.001	0.09	<0.05	15.4	0.4	0.4	10.7	<0.01	<0.01	0.4	0.042	0.14	0.43	37	0.91	39.5	90	2.7			
0.03	6.7	2.4	12.75	3520	0.25	0.44	<0.05	4580	20	2.9	1	<0.001	0.06	<0.05	10.8	0.4	0.2	4.9	<0.01	<0.01	0.3	0.028	0.05	0.37	20	0.51	17.6	39	1.7			
0.02	4.5	2.7	13.85	2820	0.55	0.38	<0.05	4080	20	5.6	0.8	<0.001	0.09	<0.05	10.4	<0.2	0.3	7.1	<0.01	<0.01	0.2	0.037	0.15	0.81	33	2.08	11.35	38	2.5			
0.02	11.8	6.3	0.57	483	1.1	0.18	0.06	779	20	68.6	2.4	<0.001	0.05	0.23	12.8	0.6	0.9	4.6	<0.01	0.07	35.2	0.022	0.1	1.43	141	0.11	9.09	15	19.4			
0.02	12.9	6	0.47	390	1.02	0.13	0.07	608	30	60	2.4	<0.001	0.04	0.18	12.4	0.8	1	8.7	<0.01	0.06	31.3	0.022	0.07	1.83	129	0.1	10.25	12	18.3			
0.03	13.6	6.9	0.51	394	1.15	0.12	0.08	575	20	64.2	2.5	<0.001	0.04	0.21	12.8	0.3	1	9.4	<0.01	0.06	32.4	0.023	0.07	1.94	140	0.11	10.55	12	19			
0.02	18.8	6.6	0.46	392	0.88	0.1	0.08	419	20	31.2	1.7	<0.001	0.04	0.17	9.1	0.4	0.9	105.5	<0.01	0.06	17	0.017	0.06	1.25	95	0.11	11.3	7	18.4			
0.04	4.8	7.5	0.41	223	0.99	0.12	0.05	376	20	18.7	2.2	0.001	0.04	0.12	6.6	<0.2	1	65	<0.01	0.07	8.8	0.014	0.05	0.83	90	0.16	4.26	8	12.5			
0.03	1.7	3.3	0.2	127	0.5	0.1	<0.05	192	10	5.2	1.5	<0.001	0.04	0.06	5.1	<0.2	0.7	23.1	<0.01	0.03	7.8	0.008	0.03	0.54	75	0.15	1.51	4	12.9			
0.03	2.1	2.4	0.2	184	0.39	0.12	<0.05	300	10	5.5	1.2	<0.001	0.04	0.05	4.7	0.2	0.6	10.1	<0.01	0.01	6.4	0.007	0.02	0.5	78	0.32	2.17	7	10.1			
0.01	0.7	1.7	0.05	65	0.55	0.05	0.07	96.3	10	3.2	0.5	<0.001	0.03	0.06	4.1	0.4	0.6	2.4	<0.01	0.01	6	0.005	<0.02	0.98	103	0.2	0.68	3	12.2			
0.02	0.9	1.9	0.08	70	0.48	0.08	<0.05	123	10	4.3	0.9	0.001	0.03	<0.05	4.7	1	0.5	2.7	<0.01	0.07	4	<0.005	<0.02	0.83	71	0.27	0.8	5	7			
0.03	9.8	4.1	0.73	477	0.5	0.21	<0.05	732	30	11.7	1.8	<0.001	0.04	0.08	10.6	0.9	0.6	11.1	<0.01	0.12	9.6	0.017	0.05	1.64	163	0.24	7.66	21	14.2			
0.04	0.9	1.4	0.12	93	0.29	0.17	<0.05	188.5	50	14.2	1.7	<0.001	0.09	0.08	18.8	2.6	0.3	3.4	<0.01	0.28	5.3	0.018	<0.02	1.72	345	0.06	0.92	12	5			
0.04	0.8	1.8	0.1	78	0.13	0.21	<0.05	222	50	14.2	1.4	<0.001	0.09	0.06	19.9	1.7	0.2	2.5	<0.01	0.27	5.2	0.014	<0.02	1.44	233	0.07	0.9	15	2.7			
0.03	3.9	3.3	0.2	166	0.19	0.19	<0.05	571	30	30.8	1.1	<0.001	0.1	0.06	35.1	0.6	0.4	2.2	<0.01	0.12	3.8	0.027	<0.02	2.39	178	0.09	4.93	38	5.9			
0.03	4.3	3.5	0.23	260	0.17	0.21	<0.05	639	20	38.3	1.1	<0.001	0.09	<0.05	39	0.3	0.6	2.2	<0.01	0.03	3.2	0.041	0.02	2.73	152	0.06	4.64	51	7.8			
0.03	2.3	2	0.08	50	0.12	0.26	<0.05	449	20	34.9	1	<0.001	0.07	<0.05	30	0.2	1.2	2.4	<0.01	0.04	8.1	0.047	<0.02	2.31	119	<0.05	2.67	52	18.7			
0.07	2.2	1.7	0.61	90	0.11	0.88	<0.05	1055	10	24.5	1.6	<0.001	0.07	<0.05	31.1	0.2	0.6	13.2	<0.01	0.04	3.4	0.018	<0.02	1.49	82	<0.05	3.1	85	3.4			
0.08	3.7	1.6	0.72	111	0.13	0.98	<0.05	1625	20	21.8	1.8	0.001	0.06	0.05	28.6	0.5	0.3	14.9	<0.01	0.01	2.2	0.012	<0.02	1.6	80	0.1	6.12	139	1.7			
0.09	5.3	2.8	0.59	198	0.17	0.89	<0.05	2020	40	27.6	4.1	<0.001	0.07	<0.05	23.1	0.3	0.4	13.9	<0.01	0.01	6.4	0.013	<0.02	1.91	63	0.07	11.85	171	3.1			
0.11	56.7	4.1	0.97	202	0.19	1	<0.05	3700	90	26.8	2.9	0.001	0.05	<0.05	19.8	0.9	0.5	17.6	0.01	<0.01	9	0.014	0.02	2.5	63	0.17	37.7	271	4.6			
0.08	8.2	2.3	1.65	201	0.2	1.02	<0.05	2660	20	45.1	1.8	0.001	0.05	<0.05	25.4	0.4	0.4	14.5	<0.01	<0.01	0.9	0.019	<0.02	3.36	78	0.17	13.4	207	2.3			
0.09	6.5	2.6	2.71	200	0.21	1.15	<0.05	3380	20	42.9	2	0.001	0.06	0.07	29.7	0.2	0.6	16.4	<0.01	<0.01	1	0.021	<0.02	3.52	81	0.45	9.62	253	2.5			
0.09	16.7	2.6	2.75	179	0.34	1.05	<0.05	3910	30	50.6	2	<0.001	0.06	0.09	28.9	0.5	0.4	13.9	<0.01	0.01	0.9	0.03	<0.02	3.77	95	1.27	14.85	261	3.7			
0.09	43.8	2.3	2.3	648	0.28	1.02	<0.05	4510	50	116	2	0.001	0.06	0.07	34.6	0.3	0.6	13.5	0.01	<0.01	0.9	0.038	<0.02	3.64	123	1.07	36.8	290	3.9			
0.07	122	2.2	1.98	881	0.21	0.93	<0.05	3830	100	124	1.6	0.001	0.07	0.09	34.3	0.9	0.5	11.8	0.01	<0.01	0.7	0.035	<0.02	3.09	118	0.66	71.3	238	3.9			
0.08	156.5	2.2	2.18	592	0.25	0.99	<0.05	4000	110	102.5	1.6	0.001	0.07	0.09	34.2	0.2	0.7	11.9	0.01	<0.01	0.7	0.05	<0.02	3.17	128	0.83	75.1	207	4.2			
0.08	22.8	2.4	2.99	244	0.28	1	<0.05	3840	50	59	1.8	<0.001	0.07	0.08	34.1	<0.2	0.9	11.1	<0.01	<0.01	0.9	0.078	<0.02	2.47	111	1.09	24.1	182	4.6			
0.09	11.5	2.1	1.63	211	0.21	1.05	<0.05	3500	40	60.2	1.9	<0.001	0.07	0.09	32.1	0.4	1.2	11.5	<0.01	0.01	0.7	0.067	<0.02	2.33	100	1.19	34.2	172	4.4			
0.07	17	3.5	2.85	750	0.28	0.88	<0.05	4720	60	67.7	1.4	0.002	0.07	0.17	33.1	<0.2	0.4	9.9	0.01	0.02	1	0.062	<0.02	2.58	127	1.45	36.2	253	4.6			
0.05	15.4	2.4	1.09	820	0.32	0.75	<0.05	3910	60	29.9	0.9	0.001	0.06	0.11	34.7	0.3	0.2	7.9	0.01	0.03	0.5	0.033	<0.02	3.66	132	0.92	41.4	221	3.6			
0.08	8.8	2.6	3.16	423	0.4	1	<0.05	4710	30	10.8	1.6	0.001	0.07	0.09	37.4	0.5	0.3	10.5	<0.01	0.03	0.8	0.066	<0.02	1.45	99	0.74	21.2	127	4.4			
0.09	12.4	2.4	3.37	400	0.3	1.16	<0.05	5260	30	12.4	2	<0.001	0.08	0.05	36.8	0.5	0.4	11.8	<0.01	0.03	0.8	0.066	<0.02	0.99	94	0.81	21	129	3.4			
0.07	51	2.1	1.74	317	0.23	0.8	<0.05	3450	40	6.2	1.6	<0.001	0.06	<0.05	23.7	0.4	0.3	8.3	<0.01	0.02	0.6	0.046	<0.02	0.57	52	0.4	25.4	114	3.3			
0.11	220	9.7	2.89	6270	0.51	0.89	<0.05	9430	150	10.4	3.9	0.002	0.05	<0.05	17	0.7	0.5	38.5	0.03	0.01	1.1	0.02	0.84	1.92	117	0.19	164	224	2.9			
0.12	100.5	18.1	1.79	3260	0.28	0.78	<0.05	5100	70	8	4	<0.001	0.04	<0.05	24.1	0.4	0.5	21.1	0.01	<0.01	1.5	0.039	0.24	0.9	77	0.05	69.1	112	3.7			
0.09	79.5	28.3	1.67	1080	0.17	0.47	<0.05	2620	60	4.8	3.9	<0.001	0.03	<0.05	14.4	<0.2	0.3	12.1	0.01	0.01	1.7	0.041	0.06	0.42	46	<0.05	84.4	72	3.9			
0.1	65.5	39.6	2.41	1500	0.18	0.73	<0.05	3530	50	4.4	3.4	<0.001	0.04	<0.05	19.6	0.3	0.5	15	0.01	<0.01	1.7	0.042	0.09	0.41	61	<0.05	75.3	98	4.2			
0.11	47.4	25.5	2.52	2430	0.22	0.71	<0.05	4050	50	4.9	3.2	<0.001	0.04	<0.05	19.4	0.3	0.7	19.9	0.01	0.01	1.6	0.049	0.24	0.41	69	<0.05	73.3	94	5.3			
0.11	33.7	24.8	2.27	911	0.25	0.44	<0.05	2710	40	11.4	6.2	<0.001	0.03	<0.05	17	<0.2	0.9	8.7	<0.01	0.01	9.3	0.069	0.05	0.49	63	<0.05	52.3	87	9			
0.03	8.9	12.5	0.53	795	1.66	0.17	<0.05	1130	20	105.5	3	<0.001	0.04	0.17	15.2	0.6	0.9	5.2	<0.01	0.09	40.9	0.021	0.16	2.06	115	0.07	9.81	29	22.7			
0.06	12.3	11.6	0.38	563	1.13	0.13	<0.05	583	20	96.4	5.9	<0.001	0.03	0.15	11.2	0.2	1	6.8	<0.01	0.08	27	0.015	0.13	1.03	91	0.05	18.05	15	16.5			
0.08	16.3	9.3	0.39	192	1.05	0.18	<0.05	384	20	55.6	5.6	0.001	0.03	0.11	6.5	0.4	0.8	33.3	<0.01	0.14	15	0.009	0.06	0.64								

PH24020929	MRAC0028	MR01173	42	43	2.14					23707	0.04	1.1	0.4	<0.02	<10	30	0.86	0.01	0.04	<0.01	123.5	13.3	60	1.08	2.8	2.51	6.19	0.18	0.73	<0.01	0.012
PH24020929	MRAC0028	MR01174	43	44	1.68					28351	0.02	1.31	0.1	<0.02	<10	20	0.7	0.01	0.03	0.01	159.5	10.7	39	0.91	3.8	2.13	5.89	0.2	0.49	0.01	0.011
PH24020929	MRAC0028	MR01175	44	45	2.21					33712	0.01	1.16	<0.1	<0.02	<10	20	0.55	0.01	0.04	0.02	157.5	11	50	0.98	8.7	1.66	5.96	0.22	0.39	<0.01	0.012
PH24020929	MRAC0029	MR01211	30	31	1.28					55660	0.07	1.54	0.2	<0.02	<10	130	0.53	0.02	0.02	<0.01	144	17.5	54	0.65	17.1	1.4	5.29	0.21	0.36	<0.01	0.012
PH24020929	MRAC0029	MR01212	31	32	0.95					45045	0.03	2.98	0.3	<0.02	10	60	3.06	0.02	0.03	0.01	110	88.9	800	0.59	50.5	6.6	14.6	0.28	0.33	<0.01	0.016
PH24020929	MRAC0029	MR01213	32	33	0.9					61436	0.05	1.56	<0.1	<0.02	<10	220	0.64	0.02	0.02	<0.01	104.5	21	52	1.21	8.1	1.43	5.12	0.14	0.36	<0.01	0.005
PH24020929	MRAC0029	MR01214	33	34	1.75					39495	0.06	1.22	0.1	<0.02	<10	640	1.43	0.01	0.02	0.01	98.5	41.6	32	2.34	11.6	2.14	4.95	0.11	0.1	0.02	0.005
PH24020929	MRAC0029	MR01215	34	35	0.97					28192	0.04	1.82	0.2	<0.02	<10	100	2.92	0.01	0.02	0.01	120	22.3	37	1.04	11.6	3.31	6.13	0.15	0.14	<0.01	0.013
PH24020929	MRAC0029	MR01216	35	36	1.35					42101	0.03	1.69	0.2	<0.02	10	70	7.36	0.03	0.02	0.01	165.5	27.5	34	0.12	22.3	5.93	8.31	0.19	0.17	0.02	0.014
PH24020929	MRAC0029	MR01217	36	37	1.78					51995	0.02	3.77	0.3	<0.02	10	90	5.79	0.04	0.04	0.01	185.5	103	1040	0.37	82	7.53	11.4	0.2	0.18	<0.01	0.032
PH24020929	MRAC0029	MR01218	37	38	1.4					33395	0.01	3.62	0.1	0.02	10	20	4.02	0.04	0.04	0.01	109.5	92.3	709	0.34	102.5	5.94	10.6	0.15	0.12	<0.01	0.036
PH24020929	MRAC0029	MR01219	38	39	1.39					28642	0.01	2.6	0.1	<0.02	10	280	3.19	0.04	0.04	0.01	97.1	59.2	344	0.94	60.4	4.17	7.61	0.13	0.13	0.01	0.027
PH24020929	MRAC0029	MR01220	39	40	1.07					21441	0.02	2.12	0.2	<0.02	10	160	1.85	0.02	0.04	0.02	73.8	44.4	278	1.27	44.1	3.05	7.04	0.12	0.13	<0.01	0.018
PH24020929	MRAC0029	MR01221	40	41	1.06					23601	0.01	3.24	0.2	<0.02	10	40	2.5	0.02	0.05	0.02	49.4	74.7	776	0.37	55	5.52	10	0.13	0.15	<0.01	0.028
PH24020929	MRAC0029	MR01222	41	42	1.35					60563	0.03	3.21	0.3	<0.02	10	40	3.06	0.02	0.05	0.02	35.8	85.6	743	0.35	58.3	6.12	10.3	0.15	0.19	0.02	0.028
PH24020929	MRAC0029	MR01223	42	43	2.1					54747	0.51	4.14	0.6	<0.02	10	10	3.89	0.02	0.08	0.02	34	117	996	0.39	81.7	8.36	11.65	0.14	0.18	0.05	0.031
PH24020929	MRAC0029	MR01224	43	44	1.38					59731	0.2	4.15	0.2	<0.02	10	10	3.2	0.02	0.1	0.01	23.8	162.5	1295	0.14	92.9	7.14	11.85	0.12	0.23	<0.01	0.025
PH24020929	MRAC0029	MR01225	44	45	1.48					33828	0.06	3.47	0.1	<0.02	10	10	3.3	0.04	0.1	0.02	30.7	145.5	1065	0.08	124	6.21	10.45	0.11	0.16	0.01	0.024
PH24020929	MRAC0029	MR01226	45	46	1.23					70272	0.08	2.38	0.1	<0.02	10	10	3.51	0.05	0.09	0.01	30.9	91.8	799	0.06	78.9	4.27	7.81	0.07	0.14	0.01	0.022
PH24020929	MRAC0029	MR01227	46	47	0.98					0	0.02	3.09	0.1	<0.02	20	<10	3.35	0.03	0.11	0.01	25.4	113.5	1035	0.06	87.8	5.32	9.37	0.09	0.17	0.01	0.023
PH24020929	MRAC0029	MR01228	47	48	1					51407	0.03	3.45	0.2	<0.02	10	<10	3.11	0.03	0.1	0.01	23.8	121	992	0.12	104	5.9	10.15	0.1	0.18	<0.01	0.021
PH24020929	MRAC0029	MR01229	48	49	0.79					62352	0.16	2.5	0.2	<0.02	10	<10	3.6	0.04	0.07	0.01	22.1	84.6	979	0.08	79.5	6.04	8.47	0.09	0.09	0.02	0.022
PH24020929	MRAC0029	MR01230	49	50	0.96					23482	0.17	3.56	0.2	<0.02	10	<10	4.29	0.03	0.08	0.01	41.2	126.5	1355	0.1	83.1	8.13	13.65	0.12	0.15	0.02	0.023
PH24020929	MRAC0030	MR01269	38	39	0.97					34021	0.01	2.72	0.3	<0.02	10	40	4.48	0.11	0.42	0.03	136.5	55.4	132	0.91	98.5	6.54	14.35	0.29	0.26	<0.01	0.045
PH24020929	MRAC0032	MR01340	25	26	0.68					149313	0.01	2.49	0.2	<0.02	10	60	1.56	0.28	0.05	0.07	75.2	75.4	981	5.86	243	8.07	11	0.24	0.13	<0.01	0.086
PH24020929	MRAC0032	MR01341	26	27	0.72					68377	0.01	2.34	0.2	<0.02	10	310	2.56	0.26	0.04	0.11	264	90	1680	4.83	265	11.75	12.55	0.69	0.26	<0.01	0.096
PH24020929	MRAC0033	MR01375	10	11	0.48					42914	<0.01	2.13	0.5	<0.02	20	<10	0.17	0.12	0.08	<0.01	107	18.5	1510	0.06	118	3.94	8.22	<0.05	0.17	<0.01	0.036
PH24020929	MRAC0033	MR01376	11	12	0.45					41642	<0.01	1.67	1.8	<0.02	10	<10	0.58	0.27	0.06	0.01	141.5	43.3	2420	0.07	470	7.77	11	0.1	0.23	<0.01	0.056
PH24020929	MRAC0033	MR01377	12	13	0.71					46561	0.01	1	0.6	<0.02	10	10	0.6	0.08	0.04	0.02	75	25.4	1355	0.16	229	3.59	6	0.1	0.44	<0.01	0.029
PH24020929	MRAC0033	MR01378	13	14	0.65					11347	0.02	0.61	<0.1	<0.02	10	30	0.45	0.05	0.02	0.01	69.6	15.7	559	0.18	71.5	1.14	2.61	0.13	0.61	<0.01	0.008
PH24020929	MRAC0033	MR01379	14	15	0.69					58339	0.02	2.11	0.1	<0.02	10	70	0.95	0.03	0.02	0.01	36.4	23.3	1010	0.23	92.5	1.67	5.98	0.11	1	<0.01	0.008
PH24020929	MRAC0033	MR01380	15	16	0.56					30491	0.01	1.39	1.5	<0.02	10	30	1.41	0.1	0.03	0.03	49.3	45.7	2340	0.23	306	6.95	8.52	0.11	0.75	<0.01	0.037
PH24020929	MRAC0033	MR01381	16	17	0.96					52443	0.02	1.66	0.6	<0.02	10	10	1.05	0.04	0.03	0.01	14.75	19.1	1365	0.23	103	2.24	4.73	0.08	0.86	<0.01	0.012
PH24020929	MRAC0033	MR01382	17	18	0.49					38117	0.01	1.54	1.8	<0.02	10	<10	2.64	0.09	0.03	0.04	42.2	77.1	2570	0.11	172.5	12.75	7.62	0.23	0.95	<0.01	0.027
PH24020929	MRAC0033	MR01383	18	19	0.61					48454	<0.01	3.28	2.8	<0.02	10	10	3.34	0.18	0.04	0.04	131	102	3890	0.07	167	15.2	13.05	0.25	0.43	<0.01	0.056
PH24020929	MRAC0033	MR01384	19	20	0.61					44609	<0.01	3.7	1.2	<0.02	10	<10	2.35	0.25	0.02	0.01	30.7	73.4	3480	<0.05	105	7.41	10.7	0.13	0.4	<0.01	0.068
PH24020929	MRAC0033	MR01385	20	21	0.94					50281	<0.01	4.73	1.4	<0.02	10	<10	2.22	0.25	0.02	0.01	22.1	74.9	4020	0.05	101.5	7.31	12.75	0.12	0.37	<0.01	0.073
PH24020929	MRAC0033	MR01386	21	22	0.82					10214	<0.01	3.13	2.2	<0.02	10	<10	2.71	0.07	0.02	0.02	116	87.3	3740	0.1	98.8	11.3	15.1	0.16	0.4	<0.01	0.044
PH24020929	MRAC0033	MR01387	22	23	0.66					110273	<0.01	2.81	1.7	<0.02	10	<10	2.18	0.15	0.02	0.02	14.5	71.1	3760	0.05	66.6	8.12	11.2	0.12	0.33	<0.01	0.068
PH24020929	MRAC0033	MR01388	23	24	0.86					48650	<0.01	3.69	1.8	<0.02	10	<10	2.18	0.2	0.03	0.01	13.15	71.4	3550	0.06	34	7.93	14.9	0.13	0.36	<0.01	0.083
PH24020929	MRAC0033	MR01389	24	25	0.69					39646	0.01	2.34	1.1	<0.02	10	<10	2.24	0.28	0.08	0.01	184.5	58.4	2790	0.06	29.2	7.57	12.85	0.27	0.29	<0.01	0.098
PH24020929	MRAC0033	MR01390	25	26	0.53					56023	<0.01	1.82	1.7	<0.02	10	<10	2.02	0.19	0.02	0.01	87.6	52.9	2290	0.06	24.1	8.24	14.65	0.18	0.23	<0.01	0.093
PH24020929	MRAC0033	MR01391	26	27	0.64					78164	<0.01	1.54	1.8	<0.02	10	<10	2.06	0.29	0.03	0.01	216	54.9	2800	0.05	26.5	8.12	12.9	0.33	0.24	<0.01	0.084
PH24020929	MRAC0033	MR01392	27	28	0.43					67454	0.03	1.63	3.8	<0.02	10	10	2.66	0.16	0.03	0.03	46.7	73.2	3450	<0.05	40.6	11.9	13.7	0.16	0.23	<0.01	0.091
PH24020929	MRAC0033	MR01393	28																												

0.1	67	2.8	0.41	169	0.32	0.4	<0.05	339	150	12.7	9.9	<0.001	0.03	<0.05	1.6	0.3	1.2	8.7	<0.01	<0.01	40.7	0.006	0.08	1.72	17	0.05	19.2	35	26.5			
0.09	87.9	2.9	0.43	146	0.23	0.5	<0.05	330	140	13	8.3	<0.001	0.04	<0.05	1.6	<0.2	1.1	8.1	<0.01	<0.01	41.7	0.005	0.07	1.83	13	<0.05	20.3	24	18.2			
0.09	83.4	3.3	0.5	171	0.34	0.48	<0.05	270	100	14	9.8	<0.001	0.04	<0.05	1.6	0.4	0.9	8.9	<0.01	<0.01	38.8	<0.005	0.05	1.85	10	<0.05	19.55	27	14.7			
0.12	91.5	2.6	0.37	311	0.53	0.46	<0.05	165.5	100	88.2	11.5	0.001	0.04	<0.05	2.3	0.3	0.9	9.5	0.01	0.02	36.1	<0.005	0.08	2.15	9	0.17	31.9	46	13			
0.12	64.6	11.7	1.53	515	0.49	0.88	<0.05	1405	130	139	7.5	<0.001	0.04	0.15	9.7	0.5	1	10.7	0.01	0.02	22.2	0.006	0.07	3.49	38	0.08	27.5	185	12.3			
0.12	56	2.6	0.29	975	0.38	0.35	<0.05	184	70	75.8	12	<0.001	0.03	<0.05	1.7	0.2	0.7	6.4	<0.01	0.01	24.8	0.005	0.16	1.57	10	0.18	21.8	33	13.2			
0.1	42.8	3.2	0.43	2590	0.71	0.52	<0.05	312	70	151.5	14.8	<0.001	0.04	<0.05	1.7	<0.2	0.7	12.2	<0.01	0.01	15	<0.005	0.32	1.36	10	0.16	17.35	49	3.6			
0.1	48.3	3.3	0.43	412	0.35	0.46	<0.05	284	110	68.1	8.1	<0.001	0.04	<0.05	2.1	0.2	1	8.8	<0.01	<0.01	14.3	<0.005	0.08	1.41	14	0.2	21.9	41	5.8			
0.06	40.9	3.6	0.47	323	0.21	0.48	<0.05	420	160	110.5	1.7	0.001	0.04	<0.05	2.7	<0.2	1.5	11.7	<0.01	<0.01	14	<0.005	0.07	1.88	20	0.08	25.7	41	5.6			
0.15	53.6	16.3	2.34	747	0.21	1.4	<0.05	1705	110	132.5	8.8	<0.001	0.07	<0.05	23.2	0.3	0.6	19.7	<0.01	0.02	7.4	0.006	0.19	2.82	47	<0.05	34	119	5.6			
0.14	27.7	13	2.17	403	0.12	1.42	<0.05	1460	70	66.9	9.9	<0.001	0.07	<0.05	27.7	<0.2	0.5	16.2	0.01	0.01	3.8	0.009	0.06	2.09	32	<0.05	59.8	86	2.7			
0.12	37.5	6.7	1.29	229	0.14	1.24	<0.05	852	80	49.2	9.6	<0.001	0.08	<0.05	20.6	<0.2	0.5	27	0.01	<0.01	5.9	0.009	0.05	1.89	24	<0.05	55.5	49	3.2			
0.11	43.2	7.1	1.14	268	0.26	0.86	<0.05	544	90	33.7	10.3	<0.001	0.06	<0.05	11.2	0.2	0.8	16.4	0.01	0.01	13.7	0.005	0.06	1.57	22	<0.05	44.1	38	4.1			
0.13	29.6	13.2	1.95	385	0.13	1.22	<0.05	916	90	29.4	8.3	<0.001	0.06	<0.05	20.3	0.2	0.6	13.7	<0.01	<0.01	6.3	0.008	0.06	1.63	32	<0.05	29.8	61	4			
0.13	21.2	16.1	2.44	448	0.3	1.11	<0.05	1160	180	20.3	8.5	<0.001	0.06	0.05	20	0.2	0.7	12.6	<0.01	0.02	5.9	0.011	0.06	1.56	41	<0.05	28.9	68	5.2			
0.14	21.1	22	3.56	583	0.21	1.48	<0.05	1695	270	17	8.3	<0.001	0.08	0.07	25	<0.2	0.5	14.1	<0.01	0.02	3.1	0.01	0.06	1.48	48	<0.05	35.7	96	4.6			
0.1	13.5	29.5	4.86	811	0.11	1.11	<0.05	1900	280	13.4	7.6	<0.001	0.12	<0.05	16.4	<0.2	0.4	10.9	<0.01	0.01	2.4	0.011	0.14	2.29	35	<0.05	17.55	126	6			
0.07	16.2	25.2	3.7	710	0.1	1.18	<0.05	1475	280	15.1	3.8	<0.001	0.1	<0.05	15	0.2	0.3	12.4	<0.01	0.01	2.3	0.007	0.07	2.39	31	<0.05	16.6	121	4			
0.07	15.6	15.7	2.14	437	0.09	1.28	<0.05	934	220	20.6	2.5	<0.001	0.11	<0.05	13.2	<0.2	0.4	13.5	<0.01	0.02	3.4	0.007	0.05	3.07	21	<0.05	16.25	86	3.7			
0.07	11.9	21.8	3.01	582	0.06	1.26	<0.05	1145	280	20.1	2.6	<0.001	0.11	<0.05	14.1	<0.2	0.3	12.7	<0.01	0.01	2.4	0.007	0.06	3.06	28	<0.05	13.3	110	4.2			
0.09	11.8	24.6	3.56	655	0.07	1.16	<0.05	1255	270	20.5	6.6	<0.001	0.13	<0.05	14.5	0.3	0.3	11.2	<0.01	0.01	2	0.009	0.12	3.43	31	<0.05	12.2	127	4.3			
0.09	11.5	17.4	2.18	434	0.07	1.58	<0.05	978	120	30.2	2.4	<0.001	0.08	0.06	14.1	<0.2	0.3	13.8	<0.01	0.01	2.2	0.005	0.03	2.52	28	<0.05	8.93	122	2.7			
0.09	19.4	26.2	3.35	699	0.09	1.46	<0.05	1645	200	38.6	2.2	<0.001	0.1	0.05	14.6	0.2	0.4	13.1	<0.01	0.01	3.3	0.006	0.03	3.93	44	<0.05	23.7	208	5.2			
0.26	75.7	9.1	1.02	285	0.35	0.67	<0.05	410	320	36	43.3	0.001	0.04	0.09	27.6	0.5	1.2	39.3	0.01	0.01	12.5	0.041	0.19	3.66	175	<0.05	113.5	164	7			
0.6	48.1	7	1.03	129	0.19	0.89	<0.05	534	260	32.2	125.5	0.001	0.05	0.15	28.9	0.3	1.2	12.5	<0.01	0.02	3.8	0.045	1.84	4.11	184	<0.05	14.25	283	2.6			
0.67	193.5	8.4	1.09	238	0.51	0.74	0.06	727	650	51.8	98.8	0.001	0.06	0.23	26.9	0.6	1.8	15.1	0.01	0.02	11	0.113	1.19	8.63	186	<0.05	48.9	284	6.7			
0.09	3.3	1.2	0.28	43	0.08	0.92	<0.05	309	10	39.9	3.1	<0.001	0.08	0.09	31.3	0.2	0.8	13.1	<0.01	0.06	4.9	0.043	0.02	1.91	286	0.14	1.84	55	4			
0.09	7.1	1.4	0.43	76	0.24	0.92	0.14	724	20	80.9	2.7	<0.001	0.07	0.16	74.8	0.7	1.4	13.6	<0.01	0.07	6.5	0.028	0.02	6.45	490	0.41	9.5	94	5.9			
0.08	26.8	2.7	0.26	463	0.41	0.48	0.55	401	10	193	5	<0.001	0.04	0.12	42.5	0.6	0.8	7.6	0.01	0.04	13.5	0.014	0.09	3.74	216	0.53	7.06	48	7.5			
0.07	54.2	2.6	0.14	597	0.3	0.37	0.7	215	<10	90.8	5.3	<0.001	0.04	<0.05	20.9	<0.2	0.4	5.2	0.02	0.01	14.1	<0.005	0.26	1.41	57	0.63	6.07	14	7.1			
0.12	36.8	4.6	0.16	924	0.41	0.34	0.42	260	10	47.5	10.2	<0.001	0.04	0.06	36.9	0.3	0.5	5.7	<0.01	0.01	16.5	<0.005	0.54	1.73	98	0.48	5.63	16	14.4			
0.11	20.6	2.8	0.26	459	0.61	0.6	0.6	815	30	91	7.4	<0.001	0.05	0.22	92.6	0.5	2.6	9.1	0.01	0.03	41.5	0.029	0.21	5.43	261	0.48	8.24	55	18.6			
0.12	21.3	3.6	0.22	132	0.38	0.39	0.31	400	10	22.7	9.5	<0.001	0.04	0.08	41.8	0.4	0.8	7.1	<0.01	0.01	13.9	<0.005	0.09	2.07	110	0.52	3.76	22	13.3			
0.07	34.5	3.2	0.33	175	0.65	0.56	0.7	1095	100	86.2	3.2	<0.001	0.05	0.26	78	0.6	1.8	7.7	0.01	0.03	48.3	0.041	0.05	5.92	257	0.89	13.45	78	23.2			
0.07	11.8	6.5	3.3	176	0.7	0.96	0.16	1660	110	113	2.1	<0.001	0.05	0.28	56.3	0.6	3.1	11	0.01	0.02	14.2	0.072	0.04	5.51	290	1.15	15.55	165	11.4			
0.06	6.3	6.7	5.25	85	0.21	0.97	0.05	1410	40	65	1.5	<0.001	0.04	0.12	43.4	0.5	4.7	9.9	<0.01	0.03	11	0.063	0.02	2.3	159	0.38	6.6	124	9.1			
0.06	5.4	6.7	7.08	91	0.18	0.91	<0.05	1495	30	71	1.2	<0.001	0.04	0.11	38.9	0.7	3.7	9.2	<0.01	0.03	13.7	0.064	<0.02	2.13	165	0.37	5.83	160	8.7			
0.05	7.4	5.1	4.2	117	0.25	0.72	0.05	1375	120	124	1.6	<0.001	0.04	0.1	48.4	0.8	2.3	7.9	<0.01	0.01	10.6	0.061	0.05	3.78	219	0.67	12.1	322	11.7			
0.07	5.5	4.4	3.49	84	0.17	0.85	<0.05	1270	50	95	1.3	<0.001	0.04	0.14	44.7	0.6	4	9.1	<0.01	0.01	6.1	0.063	0.02	2.73	152	0.58	7.21	188	7.5			
0.06	5	4.8	5.02	100	0.26	0.82	<0.05	1180	50	91	1.4	<0.001	0.05	0.13	36.9	0.6	4.4	8.7	<0.01	0.03	11	0.062	0.02	2.49	185	0.24	6.94	247	8.4			
0.06	69	4.1	2.64	84	0.21	0.89	0.05	942	140	92	1.3	<0.001	0.05	0.15	31.9	0.5	6.4	11.5	<0.01	0.02	12.5	0.037	0.02	3.83	206	0.25	21.3	207	6.2			
0.05	33	3.7	1.02	86	0.14	0.74	0.05	694	130	82.7	1.2	<0.001	0.05	0.14	30.8	0.6	5.7	7.4	<0.01	0.02	10.1	0.061	0.02	5.52	244	0.11	12.8	177	5.2			
0.05	100.5	3.3	1.15	110	0.16	0.85	0.06	683	230	113.5	1	<0.001	0.05	0.15	29.1	0.7	5.3	9.4	0.01	0.02	14.1	0.029	0.03	6.18	244	0.19	29.9	270	4.6			
0.06	20.9	2.2	0.5	113	0.21	0.77	0.09	872	190	117	1.2	<0.001	0.06	0.13	29.8	0.5</																

0.06	114.5	2.1	3.03	115	0.29	0.61	0.05	1450	130	102	1.5	<0.001	0.05	0.08	53.4	0.6	1.2	7	<0.01	0.01	12.9	0.052	0.02	4.81	80	0.82	19.2	123	16.5				
0.06	23.6	2.4	2.38	424	0.71	0.51	<0.05	2600	160	53.2	1.8	<0.001	0.04	0.09	27.5	0.6	0.8	6.1	<0.01	0.01	4.7	0.039	<0.02	9.48	79	1.12	20.4	78	9.1				
0.07	46.5	2.3	1.82	374	0.71	0.57	<0.05	2490	200	16.3	2.1	<0.001	0.05	0.15	24.4	0.8	0.7	8.2	<0.01	0.01	4.3	0.039	0.02	8.31	92	2.14	22.5	80	10.1				
0.1	28.2	2.4	3.1	484	0.56	0.8	<0.05	2620	140	19.5	2.9	<0.001	0.05	0.12	41.7	0.6	1.1	11.3	<0.01	0.01	7.8	0.05	0.12	5.56	103	1.12	15.05	78	15.1				
0.07	7.3	1.9	1.38	477	0.82	0.46	<0.05	2270	130	4.6	1.9	<0.001	0.04	0.11	23.6	0.7	0.5	6.2	<0.01	0.01	3.5	0.035	0.06	7.35	82	0.66	17.25	60	8.9				
0.1	26.1	2.6	3.36	434	0.26	0.79	<0.05	2100	60	11.8	2.6	<0.001	0.08	0.1	20.9	0.4	1.3	18.6	<0.01	0.01	6.2	0.053	0.09	2.89	65	0.42	12.25	50	11.5				
0.1	21.8	2.3	2.56	1035	0.29	0.84	<0.05	2240	70	4	2.6	<0.001	0.06	0.11	17.5	0.6	1.2	15	<0.01	0.03	3.6	0.042	0.26	2.73	56	0.47	15.45	54	6.7				
0.11	23.4	2.6	3.16	1405	0.22	0.87	<0.05	2620	80	4.2	2.8	<0.001	0.06	0.09	15.5	0.6	1.4	13.6	<0.01	<0.01	5.7	0.057	0.39	1.84	47	0.72	14.9	59	10.5				
0.09	10.5	2.1	2.12	1025	0.33	0.83	<0.05	2690	110	5.1	2.3	<0.001	0.05	0.09	17.8	0.5	0.8	9.3	<0.01	0.01	3.2	0.044	0.25	3.56	61	0.97	14.85	70	4.9				
0.09	13.4	2.3	3.42	522	0.33	0.83	<0.05	2730	100	4.7	2.4	<0.001	0.05	0.09	18.7	0.5	0.7	9.4	<0.01	0.01	3.4	0.044	0.11	3.04	57	0.96	12.85	70	5.2				
0.12	17.6	2.9	4	477	0.27	1.18	<0.05	3450	40	6.1	2.9	<0.001	0.06	0.07	25.2	0.2	1.5	10.6	<0.01	0.03	3.4	0.058	0.07	1.48	48	0.67	8.05	81	6.5				
0.13	21.1	2.8	2.95	450	0.22	1.31	<0.05	3470	40	8.6	3.1	<0.001	0.07	0.05	25.9	0.2	2.6	11.9	<0.01	0.03	3.3	0.062	0.04	1.18	54	0.25	8.51	84	6.8				
0.13	18.8	2.4	2.45	377	0.23	1.42	<0.05	3290	30	8.9	2.6	<0.001	0.08	<0.05	27.4	0.2	2.4	11.7	<0.01	0.03	3.4	0.058	0.04	0.88	33	0.24	6.02	77	9.4				
0.12	16	2.3	2.97	414	0.31	1.36	<0.05	3350	30	11.6	2.6	<0.001	0.09	0.07	24.1	<0.2	2.5	14.2	<0.01	0.02	3.2	0.062	0.06	0.92	38	0.46	6.96	82	8.3				
0.1	23	1.8	2.15	220	0.25	1.12	<0.05	3270	30	7.1	2.4	0.001	0.07	0.05	19.7	0.2	2.6	11.3	<0.01	0.01	2.4	0.046	0.02	0.88	29	0.39	24.1	89	4.9				
0.08	25.4	2.3	2.41	267	0.24	0.89	<0.05	2740	70	19.7	2.2	<0.001	0.06	0.1	20.3	0.4	1.5	8.3	<0.01	<0.01	4.3	0.045	0.03	2.42	62	0.71	26.6	94	6.8				
0.1	35.3	2.4	3.44	295	0.25	1.22	<0.05	2660	150	29.7	2.3	<0.001	0.08	0.11	32.4	0.5	2.9	11	<0.01	0.01	5.1	0.064	0.02	3.37	81	0.66	25.5	124	8.5				
0.11	14.1	4	2.39	350	0.5	1.28	<0.05	2430	310	70.4	2.1	<0.001	0.08	0.31	29.5	0.4	3.2	11.4	<0.01	0.02	6.3	0.058	0.02	15.8	125	0.99	21.2	117	10.2				
0.09	11.1	6.5	0.93	188	0.29	1.13	<0.05	1085	230	83	2.3	<0.001	0.09	0.25	17.8	0.5	2	10.4	<0.01	0.01	4.1	0.035	<0.02	6.31	117	1.37	17.6	114	3.1				
0.02	2	12.4	0.06	25	1.42	0.04	0.09	73	20	11.5	2.4	<0.001	0.03	0.2	14.7	1.4	1.1	2.1	<0.01	0.12	24.3	0.014	0.03	3.29	187	0.07	1.44	3	26.2				
0.04	4.2	16.8	0.13	34	0.3	0.1	<0.05	158	10	24	3.6	<0.001	0.03	0.15	28.2	0.2	1	11.5	<0.01	0.02	32.4	0.01	0.03	5.24	212	0.1	4.09	3	29.2				
0.1	4.7	5.3	0.28	41	0.13	0.35	<0.05	305	10	13.8	4.6	<0.001	0.03	0.12	12.3	0.4	1.3	12.6	<0.01	0.03	14.5	0.005	0.03	1.76	115	0.21	7.54	5	4.8				
0.16	3.9	2.8	0.46	32	0.18	0.61	<0.05	543	10	13.1	6.7	<0.001	0.03	0.09	12.2	<0.2	1.1	18.9	<0.01	0.04	11.6	<0.005	0.03	2.06	100	0.26	3.91	9	2.8				
0.16	8.2	4.1	0.98	99	0.26	0.49	<0.05	820	30	10.8	7.9	<0.001	0.03	0.11	13	0.2	1.1	23.5	<0.01	0.01	8.1	0.008	0.05	1.9	72	0.49	6.79	26	4.6				
0.1	2.8	1.5	0.51	24	0.22	0.39	<0.05	385	20	6.4	3.6	<0.001	0.04	0.09	10.3	1.2	0.8	37	<0.01	0.09	7.3	0.006	<0.02	1.65	97	0.16	2.15	8	3.4				
0.11	18.4	2.2	1.6	324	0.46	0.69	<0.05	1750	80	15.2	4.8	<0.001	0.05	0.1	20.1	0.4	1.1	18.5	<0.01	0.03	5.8	0.028	0.07	3.38	71	0.65	10.55	53	6.1				
0.11	2.8	3.3	0.35	41	0.37	0.64	<0.05	665	40	10	4	<0.001	0.05	0.09	21.3	2	1.7	16.3	<0.01	0.48	8.7	0.012	0.02	3.86	159	0.2	1.93	9	2.9				
0.11	4.6	1.7	0.47	65	0.29	0.76	<0.07	1000	40	18.4	4.2	<0.001	0.05	0.07	37.8	1	1.6	15.6	<0.01	0.33	6.3	0.02	0.02	4.09	107	0.28	3.75	18	3.3				
0.12	16.7	6.7	0.5	80	0.25	0.51	0.06	1750	40	16.6	9	<0.001	0.03	0.07	22.1	0.3	4.4	9.6	<0.01	0.06	56.9	0.015	0.07	2.06	42	0.25	5.17	18	25.5				
0.06	17.5	7.2	2.99	752	0.66	0.62	0.05	12750	30	49.2	1.7	0.001	0.04	0.17	30.9	0.3	1.7	9.7	<0.01	0.07	3.5	0.077	0.04	2.4	100	0.8	18.7	78	7.4	1.275			
0.05	18.7	3.3	2.17	1165	0.7	0.48	<0.05	7920	30	29.1	1.7	<0.001	0.03	0.15	34.6	0.4	1.2	7.7	<0.01	0.02	4.1	0.046	0.08	4.71	90	0.59	17.15	51	7.7				
0.05	7.3	1.6	2.92	898	0.69	0.53	<0.05	4150	30	16.7	1.3	<0.001	0.04	0.43	169.5	0.6	2	7.9	<0.01	0.02	8.1	0.121	0.09	6.71	198	1.4	10.05	41	37.4				
0.05	4.3	1.1	2.13	622	0.8	0.45	<0.05	3100	60	8.4	1.3	<0.001	0.03	0.25	166.5	0.3	1.6	6.6	<0.01	0.03	6.2	0.102	0.05	5.82	199	0.82	7.56	36	31.1				
0.04	3.5	0.8	1.46	294	0.79	0.27	<0.05	1850	40	6.6	1.2	0.001	0.03	0.2	64.7	0.3	1.2	4.2	<0.01	0.03	5.4	0.063	0.02	3.01	118	1.47	4.78	29	21.4				
0.04	3.4	0.7	1.03	458	1.01	0.29	<0.05	2040	40	15.8	1.1	<0.001	0.03	0.2	62.6	0.5	0.9	4.2	<0.01	0.02	4	0.05	0.08	3.52	107	1.33	5.43	32	15.1				
0.06	3.3	1	1.87	225	0.54	0.53	<0.05	3350	50	11	1.7	0.001	0.04	0.22	82.1	<0.2	1.2	6.8	<0.01	0.02	5.3	0.064	0.02	4.5	121	1.45	5.53	53	18.3				
0.05	4.8	1.2	2.11	233	0.79	0.39	<0.05	3470	80	14.8	1.6	<0.001	0.03	0.39	43.5	0.7	1	5.3	<0.01	0.02	3.6	0.057	<0.02	7.07	119	2.64	9.78	51	12.7				
0.06	4.4	1	1.57	274	0.83	0.45	<0.05	3780	80	15.2	1.6	<0.001	0.03	0.27	41.4	0.6	0.9	6.4	<0.01	0.02	3.1	0.042	0.02	7.16	121	1.7	9.35	58	10.1				
0.08	5.1	1.6	2.47	233	0.55	0.63	<0.05	4730	60	24.2	2	<0.001	0.04	0.22	108	0.6	1.4	8.9	<0.01	0.03	4.9	0.073	0.02	6.95	178	0.96	9.66	90	21.9				
0.05	4.9	1	3.07	142	0.51	0.49	<0.05	2150	30	31.8	1.3	0.001	0.04	0.18	159	0.2	1.5	6.5	<0.01	0.02	7.7	0.098	0.02	3.77	155	0.74	6.58	71	30.1				
0.04	6.2	1.6	2.57	272	0.98	0.32	<0.05	2920	80	34.4	1.2	<0.001	0.03	0.22	54.8	0.5	0.8	4.4	<0.01	0.02	4.1	0.052	0.02	8.01	143	2.7	12.5	53	13.4				
0.05	6.1	1.1	1.03	417	0.51	0.39	<0.05	2770	60	17.2	1.3	0.001	0.04	0.16	22.7	0.7	0.5	5	<0.01	0.01	1.2	0.053	0.06	6.01	96	1.74	8.76	39	6.2				
0.04	15.5	1	1.1	284	0.79	0.35	<0.05	2800	90	9.4	1.2	0.001	0.04	0.24	22.4	0.4	0.4	5	<0.01	0.02	0.8	0.044	<0.02	8.63	130	2.54	13.65	44	6.5				
0.08	38.1	4.7	1.86	880	0.54	0.8	<0.05	3680	60	19.5	2.5	<0.001	0.06	0.15	64.7	0.4	1.1	10.1	<0.01	0.02	5.4	0.056	0.21	4.03	103	0.6	15.15	74					

0.11	2.3	3.6	1.64	50	0.07	0.64	<0.05	892	<10	18.5	3.3	<0.001	0.03	0.08	28.5	<0.2	0.3	11.6	<0.01	0.01	3.8	0.007	<0.02	1.89	82	0.11	3.16	11	2.5			
0.08	1.3	4	0.5	23	0.05	0.59	<0.05	586	10	9.4	2.5	<0.001	0.03	0.08	46.3	<0.2	1.3	9.4	<0.01	0.03	2.7	0.009	<0.02	1.55	138	<0.05	1.96	10	4.2			
0.08	3.5	4.6	0.42	118	0.09	0.61	<0.05	952	80	17.3	2.3	0.001	0.03	0.28	43.1	0.2	1.5	11.1	<0.01	0.03	3.2	0.031	<0.02	1.47	226	<0.05	7.13	36	2.9			
0.08	4.9	2.9	0.37	104	0.14	0.55	<0.05	1025	120	25	2.6	<0.001	0.04	0.57	41.8	0.3	1	11.4	<0.01	0.01	3.7	0.055	<0.02	1.47	253	0.07	8.27	43	5.1			
0.06	4.9	5.4	0.25	252	0.17	0.48	<0.05	1410	210	16.9	1.8	0.001	0.03	0.37	43.7	<0.2	1.5	8.4	<0.01	0.03	2.9	0.116	<0.02	1.63	256	0.14	10	68	6.1			
0.07	3.9	3.1	0.28	119	0.15	0.55	<0.05	1160	190	13.3	1.8	<0.001	0.04	0.19	37.1	0.2	1.9	8.4	<0.01	0.02	2.7	0.079	<0.02	1.97	230	0.14	9.89	58	5.7			
0.07	3.8	3.2	0.31	106	0.1	0.57	<0.05	1165	170	8.4	2.5	0.001	0.04	0.12	41.2	<0.2	2.5	8.8	<0.01	0.02	3.6	0.105	<0.02	1.4	276	0.07	8.22	53	7.2			
0.08	12.8	6	1.05	493	0.13	0.82	<0.05	2930	100	12.9	2.1	<0.001	0.03	0.14	22.4	0.2	1.9	13.4	0.01	0.05	1.2	0.035	<0.02	1.33	141	0.25	24.2	127	3.3			
0.09	17.9	16.1	1.17	790	0.17	0.79	<0.05	4130	90	12.9	2.3	0.001	0.03	0.05	23.5	<0.2	2.7	13.4	0.01	0.02	1.4	0.029	<0.02	1.15	108	<0.05	29.8	185	2.3			
0.07	12.8	9.6	2.65	812	0.39	0.85	<0.05	8920	180	7.9	1.8	0.001	0.04	0.12	27.4	0.2	0.8	11.6	0.01	0.01	0.8	0.058	0.03	2.79	112	0.63	29	191	1.1			
0.06	8.7	10.2	3.55	1305	0.39	0.86	<0.05	11250	200	5.9	1.5	0.001	0.04	0.15	30.5	0.3	0.7	10.9	0.01	0.02	0.9	0.08	0.07	2.59	93	1.17	27.1	190	0.8	1,125		
0.07	42.6	13	3.75	1940	0.39	0.85	0.05	8820	160	6.9	1.8	<0.001	0.04	0.14	24.7	0.4	1.4	12.7	0.01	0.03	6.7	0.059	0.2	1.78	83	0.92	41.7	176	3.3			
0.06	30.2	11.8	6.61	2190	0.58	0.84	<0.05	13650	130	4.8	1.3	<0.001	0.04	0.12	32.2	<0.2	1	12.1	0.01	0.03	0.9	0.113	0.33	1.28	75	1.08	33.3	189	2.7	1,365		
0.06	27.9	11.1	6.78	2460	0.59	0.86	<0.05	13500	120	5.9	1.4	0.001	0.04	0.14	32.1	<0.2	1.1	12.7	<0.01	0.01	0.9	0.098	0.51	1.07	55	1.32	33.4	193	2.9	1,35		
0.14	21.2	10.2	2	2090	0.16	0.81	<0.05	3500	60	12.3	5.3	<0.001	0.04	0.07	11.8	<0.2	1.7	15.2	0.01	0.02	52.5	0.014	0.48	1.58	32	0.12	22.8	128	7.8			
0.11	52	15.3	2.94	1925	0.22	1.12	<0.05	5430	120	11.9	2.8	0.001	0.04	0.07	30.9	<0.2	4.6	19.8	0.01	0.02	7.7	0.033	0.24	1.47	104	0.12	39.2	144	3.1			
0.13	49.8	7.4	1.04	1675	0.12	1.21	<0.05	2860	130	16.6	2.8	0.001	0.04	0.14	33.8	<0.2	2.8	23.4	0.01	<0.01	2.3	0.02	0.32	1.44	119	0.06	44.9	90	2			
0.13	49.6	6.9	1.51	2170	0.16	1.18	<0.05	3530	90	14.3	3.9	<0.001	0.04	0.1	28.4	<0.2	1.9	23	0.01	0.01	3.6	0.016	0.28	1.27	88	<0.05	36.7	87	1.4			
0.14	74.5	6.4	0.92	1025	0.1	1.36	<0.05	2580	70	13.7	5.3	0.001	0.05	<0.05	27	<0.2	0.5	22.2	0.01	0.01	2.1	0.006	0.11	0.99	47	<0.05	40.1	74	1			
0.13	47.5	15.8	1.55	815	0.14	1.35	<0.05	3960	40	69.8	3.1	<0.001	0.05	0.05	27.6	<0.2	0.6	19.7	<0.01	0.01	2.2	0.005	0.04	0.96	72	<0.05	31.2	152	1.8			
0.14	44.5	9.9	1.34	2100	0.13	1.42	<0.05	3260	50	66.1	3.3	0.001	0.05	0.11	27.8	<0.2	1.1	26	<0.01	0.02	1.9	<0.005	0.1	1.29	67	<0.05	44.4	91	0.8			
0.06	43.7	14.8	3.14	5860	0.38	1	<0.05	7510	60	15.2	1.5	<0.001	0.05	0.08	19.9	<0.2	1.7	21.7	0.01	0.02	0.8	0.027	0.17	2	90	0.14	46.6	145	1.4			
0.06	29.3	3.9	2.47	8350	0.62	0.38	<0.05	5760	100	9.1	1.1	<0.001	0.03	0.12	21.1	0.3	1	30.6	0.01	0.03	0.6	0.052	1.37	3.82	111	0.71	37.1	112	4.4			
0.09	30.3	7.3	2.57	3520	0.5	0.8	<0.05	5190	110	14	2.6	0.001	0.04	0.09	24.7	<0.2	1.1	20.1	<0.01	0.05	2.3	0.037	0.48	2.69	98	0.33	32.1	112	2.9			
0.2	0.7	3	0.26	67	0.32	0.43	<0.05	281	10	5.2	5.9	0.001	0.01	0.06	5	0.3	0.6	9.2	<0.01	0.02	8.5	<0.005	0.04	0.74	14	0.19	0.73	8	2.9			
0.13	1.2	1.9	0.42	53	0.19	0.69	<0.05	575	10	9.3	4.6	0.001	0.01	0.06	6.7	0.7	0.9	14.3	<0.01	0.05	15.6	<0.005	0.02	1.04	26	0.09	1.22	13	2.7			
0.11	1.1	1.3	0.45	70	0.18	0.77	<0.05	513	10	8.6	3.6	<0.001	0.01	0.05	5.4	0.3	0.6	15	<0.01	0.02	9.1	<0.005	0.03	0.89	20	0.08	1.09	14	2.1			
0.1	2.6	1.6	0.47	76	0.17	0.7	<0.05	550	10	10	2.9	<0.001	0.03	<0.05	4.3	0.3	0.6	14.2	<0.01	0.01	7.9	<0.005	0.02	0.56	15	0.1	1.22	18	3.5			
0.08	7.6	0.6	0.36	54	0.1	0.66	<0.05	382	10	7.5	2.1	<0.001	0.01	<0.05	2.4	<0.2	0.3	12.6	<0.01	<0.01	5.3	<0.005	0.02	0.41	7	0.07	2.09	15	2.4			
0.12	10.5	1.3	0.65	523	0.09	0.98	<0.05	996	20	32.9	3.6	<0.001	0.02	0.07	6.8	0.3	0.5	22	<0.01	0.02	9.6	<0.005	0.05	0.82	37	0.05	2.87	38	2.6			
0.17	2.9	5.4	1.03	783	0.07	1.22	<0.05	1885	30	44.5	8	<0.001	0.02	0.1	16	0.3	0.7	25.4	<0.01	0.06	4.8	0.009	0.11	1.1	81	0.05	2.82	106	1.9			
0.22	2.3	6.3	1.11	892	0.07	1.18	<0.05	2140	30	40.9	14.4	<0.001	0.02	0.1	24.5	0.3	0.8	24.2	<0.01	0.03	3.1	0.01	0.18	1.1	89	<0.05	2.76	115	2.3			
0.15	2.1	4.7	1.06	699	0.06	1.2	<0.05	2410	40	45.2	5.5	<0.001	0.02	0.06	24	<0.2	0.5	24.8	<0.01	0.05	3	0.008	0.08	1.02	86	<0.05	2.82	98	1.7			
0.14	3.7	3.8	0.95	277	0.07	1.06	<0.05	2180	30	38.8	4.4	<0.001	0.02	0.08	22.8	0.3	0.6	21.2	<0.01	<0.01	3.7	0.008	0.04	0.96	79	0.05	3.21	87	2.6			
0.12	40.1	2.4	0.82	133	0.1	0.99	<0.05	1975	50	25.8	3.9	<0.001	0.02	0.09	17.2	0.3	2	19.8	<0.01	0.02	19.2	0.005	0.02	1.13	53	0.09	9.21	61	5.7			
0.15	115.5	5.5	0.89	187	0.09	0.99	<0.05	2520	120	24.9	7.3	0.001	0.02	0.07	11.5	<0.2	1.7	19.8	0.01	<0.01	52.5	<0.005	0.04	1.38	32	0.09	25.9	66	7.3			
0.18	65.6	21.2	3.31	884	0.13	1.37	<0.05	12100	80	29.7	9.3	<0.001	0.02	0.1	25.8	0.3	2.2	22.3	<0.01	0.01	2.2	0.031	0.11	0.95	52	0.09	18.9	285	3.4	1,21		
0.11	115.5	2.4	1.9	1210	0.1	1.12	<0.05	4020	110	36.5	3	0.001	0.03	0.11	25.3	0.4	3.1	18.6	0.01	0.03	2	0.019	0.02	1.2	60	0.34	30.8	76	3.2			
0.09	45.1	2.7	1.76	1685	0.15	0.88	0.05	5100	50	12.6	2.7	<0.001	0.03	0.09	23.6	0.3	2.5	13.2	0.01	0.02	1.5	0.039	0.02	1.72	72	0.6	39.6	80	4.4			
0.11	57.8	4.1	1.86	1180	0.16	1.04	<0.05	4700	70	19.1	3.9	0.001	0.03	0.09	24.6	0.2	2.4	17.4	0.01	0.02	7.5	0.026	0.04	1.45	71	0.32	30.4	90	4.5			
0.12	41.4	2.6	1.78	4410	0.18	1.01	<0.05	5480	60	6.9	2.8	<0.001	0.04	0.07	26	0.7	2.8	26	0.01	0.01	1.2	0.042	0.5	1.28	91	0.77	32.1	78	4.2			
0.12	47.3	5.8	1.98	2810	0.13	1.2	<0.05	5730	70	5.5	3	<0.001	0.04	0.05	24.8	0.5	3.7	21	0.01	<0.01	1.7	0.037	0.22	1.2	72	0.47	31.8	77	5.5			
0.12	31.6	3.9	2.35	1365	0.16	1.04	<0.05	5070	90	4.5	3.2	0.001	0.04	0.07	27.6	0.4	3	20.1	<0.01	0.01	1.4	0.048	0.2	1.44	77	0.57	23.8	59	5			
0.1	25.8	2.7	1.73	1025	0.16	0.99	<0.05	4260	80	4.1	2.6	<0.001	0.04	0.07	24.2	0.4	2.2	14.3	<0.01	<0.01	1.4	0.										

PH24020934	MRAC0038	MR01598	35	36	1.65					113729	0.02	2.15	0.4	<0.02	10	220	2.68	0.28	0.06	0.15	34.4	106.5	2050	0.24	3.8	7.67	6.29	0.08	0.2	<0.01	0.035
PH24020934	MRAC0038	MR01599	36	37	0.83					43520	0.03	1.9	0.6	<0.02	10	150	1.47	0.18	0.08	0.18	9.49	123.5	1735	0.13	4.1	7.24	4.11	0.07	0.15	<0.01	0.023
PH24020934	MRAC0038	MR01600	37	38	0.97					86558	0.01	1.84	0.3	0.03	10	100	1.09	0.14	0.08	0.08	5.12	85.2	1665	0.12	4.6	4.92	3.96	0.05	0.11	<0.01	0.017
PH24020934	MRAC0038	MR01601	38	39	1.61					16075	0.01	1.5	0.3	<0.02	10	160	1.35	0.14	0.1	0.08	8.81	121	1420	0.16	4.3	7.2	3.29	0.08	0.12	<0.01	0.019
PH24020934	MRAC0038	MR01602	39	40	2.37					0	0.01	1.24	0.4	<0.02	10	120	1.42	0.11	0.07	0.07	6.55	108.5	1275	0.19	2	8.14	2.62	0.08	0.1	<0.01	0.018
PH24020934	MRAC0038	MR01603	40	41	2.16					11726	0.01	1.77	0.6	<0.02	10	110	1.68	0.15	0.09	0.07	3.95	153	1925	0.34	1.2	7.66	3.69	0.13	0.13	0.01	0.026
PH24020934	MRAC0038	MR01604	41	42	1.79					0	0.01	1.53	0.5	<0.02	10	80	1.96	0.1	0.09	0.08	4.58	116.5	1520	0.28	1.5	10.2	3.08	0.11	0.09	<0.01	0.018
PH24020934	MRAC0038	MR01605	42	43	1.51					1986	0.01	1.53	0.4	<0.02	10	100	1.12	0.15	0.12	0.07	4.12	118	1590	0.26	2.2	10.25	3.34	0.1	0.12	<0.01	0.024
PH24020934	MRAC0038	MR01606	43	44	1.4					0	<0.01	1.51	0.2	<0.02	10	50	0.37	0.1	0.1	0.05	1.88	78.6	1030	0.14	1.3	8.37	3.05	0.07	0.08	0.01	0.017
PH24020934	MRAC0038	MR01607	44	45	1.32					182598	0.13	1.4	0.5	<0.02	20	50	0.46	0.07	0.07	0.03	2.79	118.5	798	0.34	1.5	11.3	2.73	0.16	0.05	0.04	0.011
PH24020934	MRAC0038	MR01608	45	46	0.44					0	0.13	1.25	0.5	<0.02	10	40	0.46	0.08	0.08	0.03	9.96	78.6	848	0.28	6.6	6.84	3.08	0.09	0.08	0.12	0.012
PH24020934	MRAC0039	MR01642	33	34	0.81					377837	0.02	2.12	0.4	<0.02	10	260	2.51	0.03	0.05	0.02	14.75	138	538	0.38	68.8	6.7	8.24	0.05	0.12	<0.01	0.044
PH24020934	MRAC0040	MR01695	40	41	0.41					65968	0.09	0.94	0.2	<0.02	<10	40	0.58	0.03	0.02	0.01	60	12.2	110	1.11	13.6	1.37	4.15	0.06	0.19	<0.01	0.008
PH24020934	MRAC0041	MR01702	6	7	0.59					34011	<0.01	1.6	2.3	<0.02	20	10	0.49	0.07	0.03	<0.01	8.27	6.4	1170	0.11	58.3	1.85	3.92	<0.05	0.15	<0.01	0.044
PH24020934	MRAC0041	MR01703	7	8	0.3					98895	<0.01	2.1	0.8	<0.02	20	20	0.78	0.06	0.04	<0.01	9.78	7.1	1460	0.09	38.1	0.99	3.21	<0.05	0.15	<0.01	0.04
PH24020934	MRAC0041	MR01704	8	9	0.45					95024	0.01	1.84	0.2	<0.02	10	30	0.68	0.03	0.03	<0.01	5.86	7.3	1325	0.1	24.5	0.43	1.89	<0.05	0.14	<0.01	0.027
PH24020934	MRAC0041	MR01705	9	10	0.4					9386	<0.01	1.75	0.2	<0.02	10	20	0.74	0.05	0.03	<0.01	19.1	7.8	1005	0.05	33.3	0.38	2.63	<0.05	0.2	<0.01	0.023
PH24020934	MRAC0041	MR01706	10	11	0.41					0	0.01	0.99	0.3	<0.02	10	<10	0.35	0.05	0.02	<0.01	72.8	4.8	772	<0.05	29.4	0.26	2.44	<0.05	0.31	<0.01	0.016
PH24020934	MRAC0041	MR01707	11	12	0.55					15442	<0.01	1.82	0.3	<0.02	10	<10	0.26	0.19	0.05	<0.01	75.7	20.9	1225	0.05	50.2	0.48	4.1	<0.05	0.24	<0.01	0.023
PH24020934	MRAC0041	MR01708	12	13	0.45					5229	0.01	1.42	0.3	<0.02	20	<10	0.27	0.29	0.04	<0.01	134.5	6	786	<0.05	35.8	0.23	2.44	<0.05	0.36	<0.01	0.03
PH24020934	MRAC0041	MR01709	13	14	0.38					3392	0.02	1.58	0.3	<0.02	10	<10	0.25	0.33	0.04	<0.01	51.5	7.9	915	<0.05	44.8	0.3	2.03	<0.05	0.36	<0.01	0.032
PH24020934	MRAC0041	MR01710	14	15	0.7					51235	<0.01	1.37	0.6	<0.02	10	<10	0.26	0.1	0.03	<0.01	95.3	13.1	1070	<0.05	53.2	0.57	3.03	<0.05	0.36	<0.01	0.022
PH24020934	MRAC0041	MR01711	15	16	0.78					0	<0.01	0.96	0.8	<0.02	10	10	0.28	0.07	0.01	<0.01	44.4	20.1	1025	<0.05	67.9	0.87	3.7	<0.05	0.4	<0.01	0.015
PH24020934	MRAC0041	MR01712	16	17	0.66					0	<0.01	1.06	1	<0.02	10	30	0.52	0.08	0.02	<0.01	23.2	30.8	1280	<0.05	116.5	1.48	3.77	<0.05	0.39	<0.01	0.017
PH24020934	MRAC0041	MR01713	17	18	0.44					171161	<0.01	2.04	5.3	<0.02	<10	80	1.95	0.09	0.02	0.02	362	68.6	3650	0.06	268	6.29	7.4	0.08	0.97	<0.01	0.039
PH24020934	MRAC0041	MR01714	18	19	0.39					81654	<0.01	1.84	3.8	<0.02	<10	30	2.44	0.1	0.02	0.02	21.1	113.5	3980	0.06	287	7.72	7.53	0.08	0.98	<0.01	0.036
PH24020934	MRAC0041	MR01715	19	20	0.6					185198	0.01	1.84	2.5	<0.02	10	100	3.35	0.18	0.04	0.08	256	259	1470	0.05	297	17.15	6.71	0.25	0.22	<0.01	0.042
PH24020934	MRAC0041	MR01716	20	21	0.75					177027	<0.01	1.58	3.7	<0.02	<10	50	4.01	0.13	0.03	0.04	39.7	143.5	1915	0.05	221	11.3	7.05	0.09	0.6	<0.01	0.032
PH24020934	MRAC0041	MR01717	21	22	0.6					2320	0.01	1.6	6.2	<0.02	10	40	6.34	0.09	0.03	0.12	36.7	224	1815	0.07	283	14.65	5.73	0.13	0.42	<0.01	0.025
PH24020934	MRAC0041	MR01718	22	23	0.63					1413	0.02	1.52	1.4	<0.02	<10	20	1.91	0.08	0.04	0.03	48.8	216	1540	0.1	60.7	11.2	5.63	0.17	0.23	<0.01	0.024
PH24020934	MRAC0041	MR01719	23	24	0.95					221898	0.01	2.07	0.4	<0.02	<10	60	0.68	0.07	0.05	0.02	37.4	185	2030	0.11	20.7	10.1	5.91	0.11	0.14	<0.01	0.02
PH24020934	MRAC0041	MR01720	24	25	1.01					190449	0.01	1.14	0.8	<0.02	<10	110	1.11	0.05	0.03	0.02	51.4	141	1560	0.09	39.1	7.75	3.56	0.11	0.14	<0.01	0.012
PH24020934	MRAC0041	MR01721	25	26	0.22					0	<0.01	1.2	0.4	<0.02	<10	10	0.96	0.04	0.03	0.01	37.7	137	1540	0.08	12.2	7.46	3.5	0.11	0.1	<0.01	0.011
PH24020934	MRAC0042	MR01726	4	5	0.66					24761	0.01	0.99	2.5	<0.02	10	230	1.38	0.04	0.01	0.01	8.28	65.6	1355	0.19	18.5	8.73	3.08	0.09	0.14	0.02	0.014
PH24020934	MRAC0042	MR01727	5	6	0.81					84435	0.01	1.3	1	<0.02	10	120	1.39	0.04	0.04	<0.01	10.75	110.5	1555	0.13	15.1	3.93	2.88	0.06	0.08	0.01	0.014
PH24020934	MRAC0042	MR01728	6	7	0.58					298480	0.01	1.54	1.4	<0.02	10	20	2.55	0.1	0.05	0.01	37.3	273	1280	0.26	16.3	7.83	3.61	0.09	0.1	<0.01	0.015
PH24020934	MRAC0042	MR01729	7	8	0.34					96889	0.01	1.35	1.4	<0.02	10	20	2.04	0.05	0.04	0.01	9.75	183.5	1225	0.21	22.6	6.18	5	0.09	0.09	0.01	0.014
PH24020934	MRAC0042	MR01730	8	9	0.12					10125	0.01	1.52	1.3	<0.02	<10	70	1.92	0.06	0.03	0.02	10.95	154	1720	0.2	16.2	6.37	4.15	0.11	0.13	0.01	0.014
PH24020934	MRAC0042	MR01731	9	10	0.11					108087	0.01	1.82	1.2	<0.02	10	90	2.05	0.05	0.03	0.03	14.1	129	2230	0.19	18.6	7.44	4.41	0.12	0.13	0.01	0.016
PH24020934	MRAC0042	MR01732	10	11	0.41					39279	0.01	1.16	1.5	<0.02	10	40	2.96	0.04	0.03	0.03	33.5	136	2220	0.24	14.3	8.21	3.32	0.11	0.1	0.01	0.014
PH24020934	MRAC0042	MR01733	11	12	1.13					281324	0.01	1.28	2.5	<0.02	10	20	4.14	0.06	0.02	0.03	16.85	153	2430	0.22	16.2	12.35	3.68	0.15	0.12	0.02	0.015
PH24020934	MRAC0042	MR01734	12	13	0.46					21577	0.01	1.01	2.6	<0.02	10	50	3.95	0.05	0.02	0.05	19.45	164.5	1875	0.17	14.5	12.55	3.1	0.15	0.09	0.01	0.011
PH24020934	MRAC0043	MR01740	5	6	0.75					0	<0.01	0.88	1.2	<0.02	10	70	0.7	0.04	0.01	<0.01	4.42	18.7	855	0.25	4.1	1.96	4.69	<0.05	0.19	<0.01	0.026
PH24020934	MRAC0043	MR01741	6	7	0.66					95012	0.01	1.56	0.4	<0.02	10	230	1.54	0.05	0.04	<0.01	14.7	167.5	1735	0.35	12	3.5	4.12	<0.05	0.08	<0.01	0.017
PH24020934	MRAC0043	MR01742	7	8	0																										

0.09	27.2	3.9	2.18	1290	0.15	1.09	<0.05	3010	70	10.4	2.8	<0.001	0.05	0.13	22.8	0.2	0.8	16.6	<0.01	0.01	8.1	0.032	0.08	0.64	61	0.48	18.5	49	5.8			
0.07	10.1	1.5	2.35	1525	0.12	0.89	<0.05	2690	40	3.7	1.8	<0.001	0.05	0.13	20.9	0.2	0.4	14	<0.01	0.01	1.5	0.039	0.06	0.32	59	0.65	19.1	29	5			
0.05	4.2	1.4	2.8	1080	0.17	0.56	<0.05	2240	30	2.5	1.4	<0.001	0.03	0.1	12.4	<0.2	0.3	8.3	<0.01	0.02	0.9	0.031	0.08	0.25	50	0.46	9.71	27	3.4			
0.06	6.9	1.1	1.94	2440	0.13	0.72	<0.05	2560	50	2.6	1.7	<0.001	0.05	0.08	13.6	0.2	0.3	17.8	<0.01	0.01	1.2	0.039	0.22	0.26	47	0.98	12.1	27	3.8			
0.06	5.1	1	1.71	2400	0.12	0.75	<0.05	2800	60	1.6	1.8	<0.001	0.05	0.07	13.2	0.2	0.3	15	<0.01	0.01	0.6	0.033	0.16	0.27	51	1.01	13.1	29	3			
0.07	2.3	3.6	2.48	2770	0.18	1.04	<0.05	6830	60	2.4	2.3	<0.001	0.07	0.09	16.6	<0.2	0.5	16.6	<0.01	0.01	0.8	0.047	0.14	0.38	53	1.27	12.15	45	4			
0.05	2.6	2.3	2.64	3540	0.15	0.75	<0.05	4560	70	1.7	1.8	<0.001	0.06	0.06	12.6	0.2	0.4	17.2	<0.01	0.01	0.5	0.033	0.14	0.58	54	0.94	14.65	38	3.1			
0.07	2.6	2.3	2.28	2810	0.14	0.73	<0.05	4000	60	2.3	2.1	<0.001	0.05	0.06	13.6	0.2	0.7	21.1	<0.01	0.01	0.7	0.04	0.2	0.3	42	1	9.34	34	3.8			
0.06	1.2	1.2	2.48	1900	0.09	0.79	<0.05	1795	30	1.2	1.6	<0.001	0.06	<0.05	10	0.2	0.4	11.2	<0.01	0.01	0.4	0.036	0.03	0.12	29	0.42	5.05	24	2.2			
0.05	1.3	4.3	3.1	2270	0.14	0.75	<0.05	3850	70	1.6	1.9	<0.001	0.06	0.05	7.8	0.2	0.3	13.2	<0.01	<0.01	0.3	0.03	0.05	0.28	39	0.5	8.82	32	1.4			
0.05	6.2	2	4.12	788	0.31	0.45	<0.05	2490	60	3.5	2.3	<0.001	0.03	0.08	7	0.2	0.3	8.1	<0.01	0.01	2.3	0.024	0.04	0.37	35	0.63	7.6	33	2.7			
0.16	9	6.8	0.97	1385	0.1	1.3	<0.05	640	110	28.8	11.3	<0.001	0.04	0.82	36.4	0.2	0.5	18.6	<0.01	0.02	2.7	0.009	0.13	0.87	85	<0.05	7.78	101	2			
0.15	31.9	2.3	0.21	103	0.69	0.28	0.09	114	70	81.3	28.1	<0.001	0.02	0.13	3.2	<0.2	0.6	7	<0.01	0.02	14.2	0.012	0.19	1.2	18	1.12	9.42	28	6.2			
0.1	2.6	3.4	0.22	23	0.12	0.4	<0.05	148	<10	24	3.5	<0.001	0.01	0.15	8.3	0.2	0.3	11	<0.01	0.04	21.8	0.008	0.02	2.47	135	0.1	2.8	18	5			
0.09	1.8	4.6	0.59	22	0.06	0.45	<0.05	190	10	32.3	3.1	<0.001	0.02	0.09	10.2	<0.2	0.4	12.4	<0.01	0.03	11.8	0.008	0.02	2.77	67	0.09	2.04	23	4.8			
0.12	1.2	3.5	0.62	14	<0.05	0.5	<0.05	190	10	21.8	3.6	<0.001	0.02	0.05	8.1	<0.2	0.3	12.9	<0.01	0.03	6.9	<0.005	<0.02	2.96	31	0.06	1.4	12	3.7			
0.06	1.1	3.5	1.29	13	<0.05	0.5	<0.05	190.5	<10	27.1	1.8	<0.001	0.02	0.06	5.8	<0.2	0.5	10.6	<0.01	0.02	9.4	0.005	<0.02	2.48	29	0.06	1.49	18	5.7			
0.04	3.2	1.9	0.49	10	<0.05	0.32	0.05	110	10	39.2	1.2	<0.001	0.02	0.07	6	<0.2	0.7	6.3	<0.01	0.02	10.4	0.005	<0.02	2.61	44	0.12	3.05	20	8.5			
0.07	2.4	1.7	1.78	48	<0.05	0.58	<0.05	297	<10	70.1	2	<0.001	0.02	0.09	4.6	<0.2	1.2	14.5	<0.01	0.01	9	0.006	<0.02	3.68	44	0.13	1.74	52	5.3			
0.06	3.3	1.6	0.63	18	<0.05	0.54	<0.05	131.5	<10	82.2	1.7	<0.001	0.02	0.09	5.2	<0.2	0.8	11.8	<0.01	0.02	11.1	0.008	<0.02	5.08	36	0.08	1.87	37	8.7			
0.07	3	1.5	0.59	14	<0.05	0.48	<0.05	191	<10	58.8	1.7	<0.001	0.02	0.09	9.6	<0.2	0.7	11.4	<0.01	0.02	9.5	0.008	<0.02	4.46	37	0.08	1.66	21	9			
0.04	5.5	1.3	1.59	44	<0.05	0.41	0.05	258	<10	75.9	1.2	<0.001	0.02	0.17	7.7	<0.2	1.3	7.9	<0.01	<0.01	9.9	0.018	<0.02	2.63	57	0.59	1.52	40	9			
0.03	9	1.4	1.2	152	<0.05	0.31	0.1	237	<10	80.9	0.8	<0.001	0.02	0.21	10.5	0.2	1.4	4.3	<0.01	0.02	8.8	0.03	0.03	1.68	65	0.63	2.45	61	10.5			
0.04	4.3	1.4	0.94	253	0.06	0.34	0.1	310	<10	67.5	0.9	<0.001	0.02	0.19	20	0.2	1.2	5.7	<0.01	0.05	7.9	0.026	0.03	2.66	96	0.36	2.05	58	9.6			
0.04	8.7	1.1	2.71	585	0.18	0.32	0.05	1235	30	83.8	1.1	<0.001	0.01	0.25	119	0.3	2.2	6.9	<0.01	0.03	5.6	0.075	0.09	3.96	319	0.92	7.15	86	26.9			
0.04	7.2	1.3	2.42	483	0.16	0.39	<0.05	1385	40	13.8	1.3	<0.001	0.02	0.15	133.5	0.2	2.1	7.5	<0.01	0.01	3.8	0.071	0.03	2.98	257	1.05	7.3	89	25.1			
0.07	97.3	1	1.73	1205	0.27	0.53	<0.05	3270	130	5.2	1.4	<0.001	0.02	0.05	33.2	0.5	1.2	14.9	<0.01	0.01	1.2	0.042	0.12	3.65	172	0.14	27.2	117	5.3			
0.04	7.6	1.3	1.83	707	0.31	0.48	<0.05	2270	50	4.1	1.1	<0.001	0.02	0.13	61.2	0.3	0.6	8.9	<0.01	0.01	7.6	0.053	0.06	2.97	106	0.36	10.15	138	23.3			
0.04	24.7	1.2	2.04	775	0.47	0.41	<0.05	2930	110	5.1	1.4	<0.001	0.02	0.2	63.9	0.3	0.4	7.9	<0.01	0.02	5.7	0.037	0.05	4.39	115	0.96	17.4	137	17.5			
0.07	67.7	1	2.04	513	0.25	0.54	<0.05	2780	70	2.5	1.8	<0.001	0.02	0.1	24.9	0.4	0.4	10.5	0.01	0.01	2.6	0.05	0.04	2.66	63	0.63	52.9	88	6.8			
0.06	12	1.2	3.48	670	0.22	0.53	<0.05	2480	10	3.9	1.8	<0.001	0.02	0.05	20.7	0.2	0.4	9.3	<0.01	0.01	2.2	0.052	0.05	1.64	61	0.3	8.3	55	4			
0.04	15.8	0.9	2.03	704	0.33	0.34	<0.05	1870	30	5.5	1.4	<0.001	0.01	0.1	18.2	0.3	0.3	6.5	<0.01	0.01	2.2	0.041	0.05	2.55	67	0.45	9.53	59	4.5			
0.04	28.6	0.9	2.22	284	0.23	0.25	<0.05	2100	50	6.5	1.4	<0.001	0.01	0.08	13.7	0.2	0.2	5.9	<0.01	0.01	2.2	0.039	0.02	2.39	52	0.26	21.5	49	3.2			
0.03	2.9	3	0.39	76	1.56	0.11	0.07	891	20	20.9	1.6	<0.001	0.02	0.12	14.8	0.3	0.5	16.3	<0.01	0.02	3.5	0.012	0.03	9.35	68	0.89	3.88	20	4.5			
0.07	1.9	1.8	1.03	71	1.15	0.32	<0.05	1710	10	16.4	2.6	0.001	0.01	0.12	22.7	<0.2	1	14.2	<0.01	0.02	2.7	0.01	0.02	1.18	60	1.36	2.41	12	2.2			
0.09	3	4.9	1	82	0.66	0.46	<0.05	4070	10	17.6	3.7	<0.001	0.01	0.08	19.4	0.2	1.3	18.8	<0.01	0.01	5.1	0.007	0.02	1.51	50	0.9	5.27	23	2.3			
0.07	2.6	4.6	1.07	86	0.52	0.37	<0.05	3380	20	11.2	3	<0.001	0.01	0.09	15.5	<0.2	0.9	13.6	<0.01	0.01	4.2	0.008	0.02	1.16	44	0.43	3.1	26	2.5			
0.06	3.9	4.5	1.58	314	1.06	0.28	0.07	2640	20	11.6	2.8	<0.001	0.01	0.11	17	<0.2	1.1	11.1	<0.01	0.01	2.8	0.021	0.06	1.38	49	0.77	3.85	31	3.2			
0.05	4.6	4	2.17	747	1.31	0.27	0.06	2020	30	7.9	2.4	0.001	0.01	0.13	17.6	<0.2	0.7	9.7	<0.01	0.01	2.6	0.04	0.25	1.6	61	1.31	4.94	29	3.8			
0.06	4.5	2.5	1.21	345	0.63	0.32	<0.05	2410	20	6.3	2.8	<0.001	0.01	0.1	23	0.2	0.4	9.8	<0.01	0.01	2.2	0.021	0.08	3.45	46	0.56	6.21	24	2.8			
0.06	5.6	2.7	1.38	417	0.65	0.31	<0.05	2780	40	4.6	2.4	<0.001	0.01	0.1	25.1	0.2	0.5	8.5	<0.01	0.01	2.2	0.027	0.05	4.54	59	0.62	8.87	35	3.7			
0.04	6.1	2.6	1.11	569	0.65	0.21	<0.05	3020	40	4.8	1.7	<0.001	0.01	0.1	18.9	<0.2	0.4	6.9	<0.01	0.01	1.6	0.022	0.11	4.31	53	1.08	9.78	36	2.6			
0.05	1.4	7.2	0.14	36	0.58	0.18	<0.05	237	10	7.5	2.3	<0.001	0.01	0.06	10.4	<0.2	0.4	5.7	<0.01	0.01	5	<0.005	0.02	2.07	67	0.6	1.11	3	6.9			
0.13	1.6	4.2	1.22	429	0.25	0.58	<0.05	1375	10	19.8	5.3	<0.001	0.01	0.05	57.8	<0.2	0.4	22.5	<0.01	0.01	2.5	<0.005	0.08	1.74	38	0.27	1.97	5	2.3			
0																																

PH24020934	MRAC0047	MR01908	21	22	0.36					73628	<0.01	1.48	19.7	<0.02	10	10	8.61	0.08	0.02	0.13	62.1	351	6190	<0.05	230	36.9	8.26	0.22	1.22	0.01	0.027
PH24020934	MRAC0047	MR01909	22	23	0.72					52999	<0.01	1.63	19.2	<0.02	10	10	8.36	0.08	0.02	0.09	46.4	313	6730	<0.05	199	30.9	9.5	0.18	1.59	<0.01	0.035
PH24020934	MRAC0047	MR01910	23	24	1.43					25456	<0.01	2.12	12.9	<0.02	10	10	6.06	0.08	0.03	0.04	130	211	6760	0.06	148.5	21.7	9.4	0.12	1.33	0.01	0.042
PH24020934	MRAC0047	MR01911	24	25	0.67					230244	<0.01	1.96	5	<0.02	<10	20	3.07	0.14	0.03	0.01	274	101	6570	0.05	119	9.28	9.54	0.11	0.84	<0.01	0.041
PH24020934	MRAC0047	MR01912	25	26	0.42					142478	<0.01	2.12	2	<0.02	<10	90	1.72	0.14	0.04	0.02	405	66.8	6360	0.06	75.9	4.64	9.12	0.24	0.78	<0.01	0.045
PH24020934	MRAC0047	MR01913	26	27	0.26					156691	0.01	2.6	10	<0.02	10	30	5.13	0.2	0.03	0.06	233	195	6120	0.06	126	17.9	9.45	0.17	1.04	<0.01	0.036
PH24020934	MRAC0047	MR01914	27	28	0.16					218244	0.02	2.36	1.8	<0.02	<10	30	1.54	0.84	0.03	0.01	257	89	4120	0.05	37	4.84	10.05	0.29	1.06	<0.01	0.038
PH24020934	MRAC0047	MR01915	28	29	0.43					9747	0.02	1	1.1	<0.02	<10	20	1.58	0.3	0.02	0.01	107.5	43.6	2160	<0.05	20.4	3.03	4.25	0.14	0.81	<0.01	0.017
PH24020934	MRAC0047	MR01916	29	30	1.2					194682	0.03	1.06	3.4	<0.02	<10	10	3.92	0.2	0.03	0.03	74.3	120.5	2090	0.08	33.3	9.79	3.5	0.18	0.36	<0.01	0.009
PH24020934	MRAC0048	MR01930	13	14	1.13					201269	<0.01	1.33	2.3	<0.02	10	10	2.65	0.06	0.02	<0.01	8.96	54.5	2580	0.12	63.4	7.03	3.62	0.12	0.14	0.01	0.017
PH24020934	MRAC0048	MR01931	14	15	1.34					209460	<0.01	1.24	6.6	<0.02	10	<10	9.21	0.05	0.02	<0.01	24.2	86.5	2820	0.12	107	22.5	3.91	0.4	0.13	0.01	0.016
PH24020934	MRAC0048	MR01932	15	16	1.42					10449	<0.01	1.13	4.7	<0.02	10	10	4.2	0.04	0.02	<0.01	17.65	70.9	2990	0.14	62.6	11.7	3.32	0.24	0.14	0.02	0.016
PH24020934	MRAC0048	MR01933	16	17	1.15					32171	<0.01	1.12	2.3	<0.02	10	20	2.42	0.05	0.02	0.01	9.77	68.9	2480	0.1	31.4	7.15	4.38	0.17	0.15	0.01	0.016
PH24020934	MRAC0048	MR01934	17	18	1.28					172701	<0.01	1.04	8.6	0.02	10	10	10.15	0.04	0.01	0.03	40.8	112	2430	0.13	36.3	23.1	3.55	0.42	0.1	0.03	0.01
PH24020934	MRAC0049	MR01940	5	6	0.5					229698	<0.01	0.77	0.7	<0.02	10	80	0.18	0.02	0.12	<0.01	5.47	8.9	445	0.16	5.4	2.04	2.38	<0.05	0.07	0.01	0.009
PH24020934	MRAC0049	MR01941	6	7	0.61					350520	<0.01	1.35	2.6	<0.02	10	140	0.37	0.03	0.24	<0.01	2.94	30	796	0.26	15	7.32	3.15	0.09	0.04	0.01	0.01
PH24020934	MRAC0049	MR01942	7	8	0.79					62332	<0.01	1.16	3.7	<0.02	20	80	0.46	0.04	0.13	<0.01	2.14	23.9	904	0.37	21	8.08	3.14	0.12	0.05	0.03	0.009
PH24020934	MRAC0049	MR01943	8	9	0.91					89185	<0.01	1.48	4.8	<0.02	10	100	1.5	0.04	0.07	0.01	3.44	44.5	1440	0.21	27.7	12.25	3.23	0.14	0.05	0.02	0.012
PH24020934	MRAC0049	MR01944	9	10	1.03					127889	<0.01	1.74	5.9	<0.02	20	40	3.08	0.04	0.05	0.02	8.27	65.1	1595	0.32	32.8	18.1	3.51	0.25	0.05	0.01	0.017
PH24020934	MRAC0049	MR01945	10	11	0.77					538102	<0.01	0.91	3.6	<0.02	10	10	6.32	0.05	0.02	0.02	21.6	102.5	1605	0.14	12.2	15.85	2.71	0.31	0.06	0.07	0.015
PH24020934	MRAC0049	MR01946	11	12	0.91					119939	<0.01	1.82	2.6	<0.02	10	40	2.56	0.06	0.04	0.01	5.16	65.2	1565	0.19	24.6	9.44	3.44	0.16	0.06	0.01	0.019
PH24020934	MRAC0049	MR01947	12	13	0.88					99716	<0.01	2.19	3.3	<0.02	20	20	6.65	0.06	0.02	0.03	10.55	98.6	1895	0.2	21.7	16.6	4.03	0.26	0.1	0.02	0.017
PH24020934	MRAC0049	MR01948	13	14	0.54					130148	<0.01	1.82	3.4	<0.02	20	10	11.3	0.06	0.03	0.01	15.45	165	2170	0.35	25.4	26.4	4.26	0.45	0.08	0.03	0.016
PH24020934	MRAC0049	MR01949	14	15	0.41					28033	<0.01	1.81	4.5	0.03	20	10	12.6	0.08	0.03	0.01	18.15	176	2820	0.26	25.6	26.1	4.11	0.44	0.08	0.02	0.017
PH24020934	MRAC0049	MR01950	15	16	1.13					46945	<0.01	1.16	3.9	0.02	10	10	9.55	0.09	0.02	0.03	17.6	120.5	1665	0.13	17.7	19.95	3.1	0.33	0.11	0.04	0.013
PH24020934	MRAC0049	MR01951	16	17	1.14					244431	0.01	1.04	4.4	<0.02	10	10	6.89	0.06	0.02	0.03	15.25	107.5	1595	0.13	16	13.95	2.57	0.26	0.12	0.08	0.013
PH24020934	MRAC0049	MR01952	17	18	1.16					335765	0.01	1.12	5.3	0.03	10	10	8.5	0.05	0.02	0.03	22.8	117.5	1985	0.14	15	19.85	3.32	0.37	0.12	0.05	0.011
PH24020934	MRAC0049	MR01953	18	19	0.42					382481	<0.01	1.81	4.7	<0.02	20	40	3.1	0.05	0.04	0.02	7.8	58.4	1575	0.3	32.3	15.75	2.98	0.21	0.06	0.04	0.019
PH24020934	MRAC0049	MR01954	19	20	0.24					126885	<0.01	1.94	0.7	<0.02	10	110	3.3	0.1	0.03	0.01	13.25	150	2840	0.13	7.7	9.35	5.22	0.21	0.07	0.04	0.031
PH24020934	MRAC0049	MR01955	20	21	0.52					393858	<0.01	1.33	1.6	<0.02	10	30	3.7	0.08	0.03	0.01	16.55	141.5	2020	0.16	5.8	13.5	3.37	0.29	0.07	0.02	0.017
PH24020934	MRAC0049	MR01956	21	22	0.31					104916	<0.01	1.14	2.9	<0.02	10	20	6.88	0.11	0.02	0.02	28.3	134	2900	0.12	5.6	19.2	3.81	0.39	0.11	0.02	0.021
PH24020934	MRAC0049	MR01957	22	23	0.27					20869	<0.01	1.4	2.3	<0.02	10	30	5.67	0.1	0.03	0.02	23	117.5	2600	0.14	4	16.05	3.87	0.35	0.12	0.01	0.025
PH24020934	MRAC0049	MR01958	23	24	0.19					7256	<0.01	1.44	1.8	<0.02	10	20	4.21	0.08	0.03	0.02	22.4	116	2380	0.18	10.4	14.1	4.13	0.26	0.12	0.06	0.022
PH24020934	MRAC0049	MR01959	24	25	0.12					396074	<0.01	2.14	3	0.03	10	50	4.91	0.06	0.06	0.03	19.8	96.5	2400	0.25	15.2	13.35	4.59	0.24	0.1	0.03	0.019
PH24020934	MRAC0049	MR01960	25	26	0.23					252282	<0.01	1.4	1.2	<0.02	10	10	1.88	0.05	0.07	0.01	8.32	97.6	2180	0.18	5	10.8	4.19	0.25	0.05	0.01	0.016
PH24020934	MRAC0049	MR01961	26	27	0.69					331164	0.01	0.8	2.3	<0.02	10	50	3.63	0.05	0.03	0.02	21.3	87	1540	0.17	8.3	11	2.97	0.23	0.12	0.02	0.013
PH24020934	MRAC0049	MR01962	27	28	0.42					420563	<0.01	0.99	1.9	<0.02	10	20	3.13	0.09	0.04	0.02	13.2	144	1865	0.19	3.8	21.3	6.21	0.37	0.08	0.02	0.03
PH24020934	MRAC0049	MR01963	28	29	0.36					593130	0.01	0.8	2.3	0.02	10	70	2.2	0.05	0.02	0.02	10.05	86.5	1485	0.16	3.8	9.66	2.63	0.25	0.05	0.01	0.01
PH24020934	MRAC0049	MR01964	29	30	0.4					134030	0.01	0.83	1	0.02	<10	110	2.15	0.04	0.02	0.03	16.35	138.5	1425	0.17	2.4	8.24	3.47	0.27	0.06	0.01	0.014
PH24020934	MRAC0049	MR01965	30	31	0.3					126341	<0.01	0.92	1.1	<0.02	10	190	2.04	0.05	0.03	0.02	15.35	124.5	1565	0.2	8.4	9.61	3.55	0.27	0.06	0.02	0.018
PH24020934	MRAC0049	MR01966	31	32	0.54					195576	<0.01	0.68	0.7	<0.02	<10	370	0.84	0.04	0.02	0.02	13.85	113.5	1190	0.17	5.7	5.84	2.43	0.18	0.05	<0.01	0.009
PH24020934	MRAC0049	MR01967	32	33	0.32					176214	<0.01	0.06	2.1	<0.02	10	100	2.89	0.06	0.04	0.02	18.65	108	1685	0.19	14	11.8	3.86	0.23	0.13	0.03	0.013
PH24020934	MRAC0049	MR01968	33	34	0.42					336727	<0.01	0.75	<0.1	<0.02	<10	110	0.92	0.05	0.03	0.01	7.63	85.6	1185	0.21	5.2	5.95	2.42	0.15	0.1	0.01	0.013
PH24020934	MRAC0049	MR01969	34	35	0.35					222175	0.01	0.6	0.1	<0.02	<10	170	0.57	0.03	0.02	0.01	6.98	76.1	1420	0.18	2.1	5.9	2.18	0.15	0.03	0.01	0.01
PH24020934	MRAC0049	MR01970	35	36																											

0.03	16.6	4.1	0.68	1750	0.42	0.45	0.11	5640	100	216	0.7	0.001	0.03	0.29	184.5	0.4	2.3	5.5	0.01	0.02	27.5	0.064	0.05	63.5	361	0.73	24	175	37.6			
0.03	13.2	3.9	1.12	1640	0.53	0.56	0.1	5630	110	200	0.6	<0.001	0.03	0.32	190	0.2	3.3	6	<0.01	0.01	41.8	0.099	0.05	62.3	412	0.47	21.7	140	48.6			
0.04	8.5	3.9	1.84	1165	0.73	0.67	0.09	4130	110	193.5	1.3	<0.001	0.04	0.34	135	0.3	3.8	8.2	<0.01	0.02	45.7	0.09	0.05	40.8	398	0.5	14.85	131	36.6			
0.05	36.7	2.5	2.08	596	0.75	0.8	0.11	2010	100	240	1	<0.001	0.04	0.37	121.5	0.2	4.1	9.8	<0.01	0.02	39.8	0.055	0.04	19.1	399	0.47	13.45	127	22.4			
0.05	118	3.1	2.14	467	0.57	0.55	0.12	1380	150	246	1	<0.001	0.03	0.39	94.6	0.3	1.5	11.4	0.01	0.02	37.6	0.049	0.04	11.8	333	0.41	27.9	126	18.8			
0.04	50.1	3.8	2.73	832	0.74	0.62	0.1	3830	170	187	1.1	<0.001	0.03	0.44	152	0.5	4.9	8.9	0.01	0.02	35.3	0.064	0.04	31.3	405	0.58	24.3	125	32.1			
0.05	148	3.9	3.49	204	0.29	0.35	0.08	2160	210	68.9	1	0.001	0.02	0.34	141.5	<0.2	5	9.1	0.01	0.02	36.2	0.042	0.02	6.44	313	0.4	55.6	82	44.5			
0.03	63.1	1.8	1.24	135	0.43	0.31	0.11	1050	100	32.9	0.7	<0.001	0.02	0.15	48.1	<0.2	1.9	4.5	<0.01	0.02	15.3	0.026	0.02	4.2	137	0.7	24.6	54	23.8			
0.05	54.9	1.7	1.16	251	0.59	0.56	<0.05	2640	230	29.8	1.6	0.001	0.03	0.22	37	<0.2	2.6	7.8	0.01	<0.01	11.4	0.043	0.02	7.88	147	0.93	58.6	74	16.4			
0.07	3.2	0.9	0.96	57	0.19	0.37	<0.05	1530	20	39.9	2.4	<0.001	0.01	0.16	34.8	<0.2	2.7	9.1	<0.01	<0.01	10.6	0.023	<0.02	5.47	112	0.38	4.5	27	5.9			
0.06	6.4	0.9	0.86	174	0.24	0.35	0.05	2790	40	93.9	2.1	<0.001	0.01	0.17	38.1	1.3	2.3	7.5	<0.01	0.01	8.4	0.026	<0.02	17.3	148	0.45	12.8	43	6.4			
0.07	4.5	0.7	0.82	94	0.31	0.35	<0.05	2020	20	43.5	2.8	<0.001	0.01	0.14	41.4	0.9	1.2	8.5	<0.01	0.01	9.4	0.029	<0.02	10.25	131	0.43	7.57	35	7			
0.07	2.9	0.4	0.92	72	0.32	0.37	<0.05	1660	10	21.3	2.4	<0.001	0.01	0.08	35.6	0.8	0.7	8.3	<0.01	0.01	5.4	0.03	<0.02	6.31	120	0.51	4.42	32	5.6			
0.05	11.2	0.8	0.8	325	1	0.28	0.05	2680	50	35.3	1.8	<0.001	0.01	0.11	26.4	1.8	0.6	5.9	<0.01	0.01	3.9	0.023	<0.02	23.3	177	1	19.05	52	3.9			
0.06	1.3	1.5	0.13	36	0.46	0.17	<0.05	195	10	4.9	2.7	<0.001	0.01	0.05	5.3	<0.2	0.3	14	<0.01	<0.01	2.5	<0.005	<0.02	0.69	36	0.32	0.66	7	2.2			
0.14	1.3	0.8	0.26	13	0.18	0.5	<0.05	610	20	5.2	6.6	<0.001	0.01	0.07	7.5	1.2	0.3	32.3	<0.01	0.01	3.2	<0.005	0.02	0.98	66	0.22	0.89	7	1.2			
0.13	1	0.9	0.2	14	0.22	0.44	<0.05	435	30	5.3	7.2	<0.001	0.02	0.07	7.6	3	0.3	24.5	<0.01	0.08	3.5	<0.005	0.03	1.32	87	0.33	0.74	5	1.5			
0.13	1.6	0.9	0.53	43	0.37	0.5	<0.05	804	20	10	5.7	<0.001	0.02	0.09	13.1	2.5	0.3	23	<0.01	0.11	3.8	0.01	0.03	2.41	98	0.56	1.65	9	1.6			
0.1	3.9	0.9	0.86	223	0.29	0.44	0.05	1025	50	12.3	5.1	<0.001	0.02	0.07	16.7	4.3	0.2	16.6	<0.01	0.27	5.6	0.011	0.03	4.57	75	0.35	5.05	24	2			
0.06	6	0.5	0.96	331	0.58	0.33	<0.05	1960	40	5.7	2.6	<0.001	0.01	0.08	16.9	1.2	0.2	7.6	<0.01	0.05	1.5	0.031	<0.02	15.75	65	0.91	12.75	38	2.2			
0.09	2.4	0.7	1.15	89	0.36	0.47	<0.05	1380	30	9.1	3.7	<0.001	0.01	0.06	27.3	1.2	0.3	15.8	<0.01	0.04	4	0.011	<0.02	2.68	61	0.45	2.91	24	1.8			
0.06	5	1.1	2.64	283	0.46	0.28	<0.05	2090	50	13.6	2.9	<0.001	0.01	0.06	24.3	0.8	0.3	9.7	<0.01	0.02	4.5	0.023	<0.02	5.37	67	0.49	7.22	36	3.8			
0.08	6.1	0.6	1.77	248	0.77	0.39	0.05	2810	30	14.5	3.9	<0.001	0.01	0.08	26.1	2	0.3	11.4	<0.01	0.02	3.2	0.027	0.02	15.6	94	0.51	8.7	37	2.2			
0.07	6.6	0.5	1.82	261	0.89	0.36	0.05	3150	30	7.7	3.6	<0.001	0.01	0.09	26.2	1.1	0.3	10.4	<0.01	0.01	3.2	0.028	0.02	17.85	95	0.5	9.94	40	2.7			
0.05	6.4	0.4	1.08	274	0.71	0.27	<0.05	2620	60	7	2.2	<0.001	0.01	0.06	20.5	0.9	0.2	7.1	<0.01	0.02	2.7	0.023	<0.02	11.15	68	0.65	10.95	39	4.1			
0.07	4.9	0.4	0.95	169	0.63	0.31	<0.05	2230	40	6.8	2.7	<0.001	0.01	0.08	22.7	0.9	0.2	7.5	<0.01	<0.01	4.3	0.016	<0.02	10	59	0.76	8.93	37	4.5			
0.05	7.4	0.6	1.28	371	0.82	0.22	0.05	2220	70	6.5	2.2	0.001	0.01	0.09	20.5	1.3	0.2	5.9	<0.01	0.02	2.7	0.027	0.02	14.1	77	0.98	14.95	45	5			
0.1	3.6	0.9	1.1	153	0.3	0.45	<0.05	947	50	12.6	4.9	<0.001	0.02	0.09	20.3	2.8	0.2	20.1	<0.01	0.11	5.5	0.009	<0.02	4.37	73	0.6	4.45	22	2.3			
0.08	3.4	0.7	2.58	165	0.26	0.49	<0.05	3070	10	5.1	2.7	<0.001	0.02	0.07	28.9	0.7	0.6	13.3	<0.01	0.01	1.2	0.046	<0.02	8.64	53	0.24	6.58	74	1.5			
0.08	3.9	1	1.97	335	0.29	0.46	<0.05	3040	30	7.5	3.1	<0.001	0.01	0.08	24.1	0.8	0.4	10.6	<0.01	0.01	1.1	0.063	<0.02	8.75	56	0.64	8.06	55	2			
0.07	7.3	0.5	1.36	416	0.5	0.35	<0.05	3220	40	11	2.4	<0.001	0.01	0.09	22.6	0.6	0.3	8.6	<0.01	<0.01	2.1	0.053	<0.02	16.65	94	1.12	17.5	74	4.6			
0.07	5.9	0.9	2.07	407	0.46	0.36	<0.05	2860	50	7.5	2.5	<0.001	0.01	0.12	22.4	0.7	0.4	9	<0.01	0.01	1.8	0.074	<0.02	12.55	64	0.77	14.75	67	4.1			
0.07	6.4	1.1	2.08	420	0.42	0.4	<0.05	2750	30	9	3	<0.001	0.01	0.1	20.9	0.7	0.5	8.7	<0.01	<0.01	2.5	0.056	<0.02	9.81	74	0.82	10.15	55	3.7			
0.07	5.6	4.9	2.79	347	0.41	0.46	<0.05	2280	60	6.8	2.7	<0.001	0.02	0.18	18.8	1.3	0.5	9.2	<0.01	<0.01	2.4	0.046	0.02	9.71	62	1.08	12.25	58	3.3			
0.07	2.5	1.7	2.51	297	0.16	0.45	<0.05	2470	20	3.2	2.5	<0.001	0.02	0.08	18.6	0.7	0.4	8.3	<0.01	<0.01	0.9	0.065	<0.02	4.49	62	0.59	4.91	52	1.2			
0.05	6.1	1.2	1.26	322	0.3	0.42	<0.05	1925	40	9.5	2	<0.001	0.02	0.09	17.9	0.7	0.6	6.1	<0.01	0.03	2.4	0.036	<0.02	8.07	53	0.74	10.45	52	3.5			
0.07	4.1	1.3	1.48	523	0.19	0.45	<0.05	3610	30	5.9	2.2	<0.001	0.01	0.09	16.1	1	1.9	7.1	<0.01	0.01	0.8	0.049	<0.02	5.4	158	0.67	9.59	81	1.9			
0.05	3.3	1	1.34	224	0.23	0.27	<0.05	2120	40	4	1.7	<0.001	0.04	0.11	13.4	0.7	1	4.8	<0.01	0.02	0.9	0.032	0.08	3.76	49	1.3	10.2	46	1.6			
0.05	8.9	11.9	1.51	218	0.17	0.33	<0.05	3430	30	3.6	2.2	0.001	0.01	0.07	12.9	0.5	1.3	4.9	<0.01	0.02	1.2	0.031	0.02	3.37	41	0.73	11.25	55	1.4			
0.06	6.8	4.1	1.62	270	0.18	0.63	<0.05	2830	30	4	2.3	<0.001	0.03	0.05	15	0.3	1.5	7.1	<0.01	0.02	0.9	0.038	0.02	3.77	49	0.65	11.4	53	1.5			
0.05	6.8	3.1	1.32	455	0.26	0.59	<0.05	2510	20	2.6	1.7	<0.001	0.03	0.06	11	<0.2	1.3	8.3	<0.01	0.01	0.4	0.03	0.04	1.48	29	0.55	25.8	42	1			
0.06	6.3	2.2	1.62	334	0.3	0.63	<0.05	2480	30	10.2	2.4	<0.001	0.03	0.08	18	0.5	0.9	7.6	<0.01	<0.01	2.9	0.043	0.02	6.14	69	0.67	10.25	55	4.2			
0.05	3.5	1.3	1.44	173	0.21	0.5	<0.05	2100	10	5.3	1.9	<0.001	0.03	0.09	12.6	0.5	0.4	5.6	<0.01	0.02	1.5	0.036	<0.02	1.84	28	0.47	4.44	43	2.6			
0.05	9.5	1.3	1.4	298	0.13	0.35	<0.05	2840	20	3.2	1.5	<0.001	0.02	0.07	10	0.2	0.2	5.3	<0.01	<0.01	0.5	0.046	<0.02	0.8	29	0.55	29	41	0.8			
0.06	1.7																															

PH24020934	MRAC0065	MR02430	15	16	1.36					68459	<0.01	2.49	0.7	<0.02	10	10	1.2	1.8	0.01	0.02	26.7	36.9	955	<0.05	198	15.2	12.5	0.16	0.95	<0.01	0.136
PH24020934	MRAC0065	MR02431	16	17	0.45					295673	<0.01	1.95	0.5	<0.02	10	10	1.14	1.12	0.01	0.01	18.15	50.4	842	<0.05	229	17	14.6	0.17	0.85	<0.01	0.116
PH24020934	MRAC0065	MR02432	17	18	0.45					174845	<0.01	1.71	0.5	<0.02	10	10	1.2	0.86	0.01	<0.01	17.65	39.1	1780	<0.05	210	18.2	14.5	0.17	0.96	<0.01	0.15
PH24020934	MRAC0065	MR02433	18	19	1.93					79071	<0.01	1.52	0.4	<0.02	10	<10	0.86	0.6	<0.01	<0.01	12.45	30.2	1960	<0.05	133.5	14.25	13	0.17	0.98	<0.01	0.205
PH24020934	MRAC0065	MR02434	19	20	0.71					224626	<0.01	1.35	0.6	<0.02	10	10	3.03	0.7	0.01	0.04	40.2	115.5	2740	<0.05	470	25.7	15.05	0.37	0.9	<0.01	0.207
PH24020934	MRAC0065	MR02435	20	21	0.5					148611	<0.01	1.73	0.8	<0.02	10	100	3.34	0.73	0.01	0.03	52.3	187.5	2130	<0.05	210	25.9	12.1	0.22	0.53	<0.01	0.178
PH24020934	MRAC0065	MR02436	21	22	0.68					284478	0.01	1.74	0.6	<0.02	10	280	3.31	0.51	0.01	0.06	119	183.5	1955	0.05	141.5	22.3	9.11	0.16	0.3	<0.01	0.133
PH24020934	MRAC0065	MR02437	22	23	Destroyed					89767																					
PH24020934	MRAC0065	MR02438	23	24	0.94					176576	<0.01	1.92	0.8	<0.02	10	90	7.23	0.27	0.01	0.1	140	178	2270	0.05	73.7	28.4	6.6	0.23	0.23	<0.01	0.063
PH24020934	MRAC0065	MR02439	24	25	1.74					80188	<0.01	2.62	0.9	<0.02	10	90	7.62	0.24	0.01	0.08	113	203	2950	0.05	71.5	28.6	8.1	0.24	0.26	<0.01	0.07
PH24020934	MRAC0065	MR02440	25	26	0.29					336700	<0.01	3.1	0.9	<0.02	10	20	9.13	0.14	0.01	0.08	52.8	192	3630	0.06	30.3	26.8	8.82	0.27	0.22	<0.01	0.048
PH24020934	MRAC0065	MR02441	26	27	1.49					221924	<0.01	2.85	1	<0.02	10	20	8.06	0.12	0.01	0.06	42.6	196	3190	0.07	22.1	24.4	7.51	0.25	0.21	0.01	0.04
PH24020934	MRAC0065	MR02442	27	28	0.5					49819	<0.01	2.02	0.5	<0.02	10	20	5	0.17	0.02	0.03	48.2	183	2380	0.08	24.7	16.75	6.29	0.16	0.24	<0.01	0.054
PH24020934	MRAC0065	MR02443	28	29	0.31					45945	<0.01	1.71	0.6	0.02	10	100	5.52	0.11	0.01	0.03	31.8	172.5	2300	0.1	20.2	16.65	5.3	0.15	0.21	<0.01	0.038
PH24020934	MRAC0066	MR02458	14	15	0.53					284694	0.01	0.64	0.3	<0.02	<10	30	0.07	0.04	<0.01	0.01	2.46	1.4	78	0.06	3	0.46	2.16	<0.05	0.24	0.01	0.008
PH24020934	MRAC0066	MR02459	15	16	0.36					155187	0.01	1.25	0.1	<0.02	<10	80	0.84	0.08	0.01	0.02	19	27.7	495	0.13	13.4	2.96	5.38	0.06	0.51	0.02	0.023
PH24020934	MRAC0066	MR02460	16	17	0.88					82654	0.01	2.09	0.2	<0.02	10	60	1.32	0.13	0.01	0.01	13.6	35.7	720	0.12	15	4.11	8.92	0.09	0.34	0.02	0.031
PH24020934	MRAC0066	MR02461	17	18	0.92					175871	<0.01	2.87	0.2	<0.02	10	20	0.55	0.76	0.01	<0.01	7.35	3.1	332	0.06	18.6	0.68	11.25	0.08	0.65	<0.01	0.109
PH24020934	MRAC0066	MR02462	18	19	0.71					102724	<0.01	0.91	0.2	<0.02	10	20	0.3	1.41	0.01	<0.01	10.55	1.4	108	<0.05	10.8	0.36	6.18	<0.05	0.37	<0.01	0.084
PH24020934	MRAC0066	MR02463	19	20	1.08					130885	0.02	2.26	0.2	<0.02	10	10	0.57	1.88	0.01	<0.01	36.6	1.6	196	<0.05	21.3	0.4	10	0.08	0.41	<0.01	0.129
PH24020934	MRAC0066	MR02464	20	21	2.95					17919	0.01	1.1	0.2	<0.02	10	30	0.42	0.82	0.01	<0.01	12.6	4.1	172	0.05	17.2	0.72	7.58	0.06	0.41	0.01	0.082
PH24020934	MRAC0066	MR02465	21	22	0.53					141826	0.01	1.61	0.1	<0.02	10	10	0.6	0.82	0.01	<0.01	53.2	5.2	175	0.06	37.8	0.7	10.7	0.1	0.54	<0.01	0.095
PH24020934	MRAC0066	MR02466	22	23	0.67					383651	0.02	1.18	0.1	<0.02	10	10	0.54	0.33	0.01	<0.01	66	5.9	199	0.1	51.4	1.02	9.81	0.12	0.43	<0.01	0.114
PH24020934	MRAC0066	MR02467	23	24	0.78					28778	0.02	1.59	0.4	<0.02	10	10	0.74	0.22	0.02	0.01	98.7	10.4	170	0.32	74.8	1.48	10.8	0.15	0.27	<0.01	0.088
PH24020934	MRAC0066	MR02468	24	25	0.84	99				15630	0.03	3.45	0.7	<0.02	10	20	0.94	0.33	0.02	0.01	85.6	26.9	252	0.58	136	2.83	16.55	0.15	0.15	<0.01	0.109
PH24020934	MRAC0066	MR02469	25	26	0.68					59372	0.06	1.86	1.6	<0.02	10	40	3.07	0.4	0.03	0.03	48.4	532	295	0.62	519	9.34	9.79	0.12	0.11	<0.01	0.083
PH24020934	MRAC0066	MR02470	26	27	0.89					314118	0.01	3.58	0.4	<0.02	10	10	1.61	0.23	0.03	0.01	21	122.5	277	1.02	229	4.56	13.75	0.07	0.15	0.03	0.089
PH24020934	MRAC0066	MR02471	27	28	0.71					106458	0.07	2.55	0.6	<0.02	10	40	4.09	0.08	0.03	0.06	27.3	420	219	1.07	364	9.65	9.71	0.08	0.09	<0.01	0.08
PH24020934	MRAC0066	MR02472	28	29	0.3					175485	0.03	3.52	0.6	<0.02	10	70	4.07	0.05	0.06	0.08	75.1	310	259	0.91	245	8.79	11.85	0.19	0.07	<0.01	0.071
PH24020934	MRAC0066	MR02473	29	30	Destroyed					80756																					
PH24020934	MRAC0066	MR02474	30	31	0.41					182012	0.04	1.88	0.6	0.02	10	70	3.38	0.13	0.03	0.1	23.3	233	1500	0.37	129	11.65	6.63	0.12	0.13	<0.01	0.053
PH24020934	MRAC0066	MR02475	31	32	0.29					237247	0.01	1.04	0.4	<0.02	20	30	2.6	0.07	0.02	0.43	19.65	181.5	766	0.11	18.4	36.2	2.96	0.33	0.09	<0.01	0.025
PH24020934	MRAC0066	MR02476	32	33	0.26					118358	0.01	1.19	0.6	<0.02	20	20	2.53	0.13	0.02	0.35	21.1	207	833	0.14	23.5	34.6	3.53	0.29	0.12	<0.01	0.032
PH24020934	MRAC0066	MR02477	33	34	0.22					27269	0.02	2.39	0.5	<0.02	20	60	2.78	0.17	0.02	0.25	31.3	227	900	0.3	71.3	23.8	7.81	0.21	0.19	<0.01	0.055
PH24020934	MRAC0066	MR02478	34	35	0.43					359455	0.01	1.34	0.6	<0.02	20	70	2.46	0.12	0.02	0.24	22.5	205	1055	0.16	24.3	25.7	3.87	0.21	0.13	<0.01	0.036
PH24020934	MRAC0066	MR02479	35	36	0.11					302528	0.02	2.38	0.5	<0.02	10	130	2.51	0.12	0.03	0.21	22	236	1665	0.26	41.3	22.8	6.56	0.23	0.15	<0.01	0.041
PH24020934	MRAC0066	MR02480	36	37	0.31					125340	0.01	1.6	0.4	<0.02	10	70	3.06	0.14	0.03	0.13	16.9	185.5	1220	0.23	21.9	18.45	5.06	0.24	0.14	<0.01	0.035
PH24020934	MRAC0066	MR02481	37	38	0.63					503781	0.01	1.27	0.3	<0.02	10	50	3.19	0.1	0.02	0.08	11.7	168.5	1345	0.19	9.7	14.4	4.02	0.28	0.1	0.01	0.022
PH24020934	MRAC0066	MR02482	38	39	0.87					335845	0.01	1.05	0.3	<0.02	10	20	2.75	0.05	0.02	0.06	7.59	145	1075	0.16	5	10.85	3.12	0.26	0.06	0.02	0.013
PH24020934	MRAC0066	MR02483	39	40	0.69					12370	<0.01	0.87	0.3	<0.02	10	20	2.26	0.03	0.01	0.06	8.8	141.5	1060	0.17	4.8	12.75	2.54	0.27	0.04	0.05	0.01
PH24020934	MRAC0066	MR02484	40	41	0.16					14460	<0.01	2.16	0.3	<0.02	10	20	3.47	0.07	0.02	0.08	11.3	208	1765	0.19	5.5	15	5.51	0.42	0.11	0.02	0.032
PH24020934	MRAC0066	MR02485	41	42	2.29					84295	0.01	2.43	0.1	<0.02	10	20	2.41	0.04	0.03	0.02	10.3	294	1860	0.2	1.7	9.92	6.79	0.46	0.07	0.05	0.024
PH24020934	MRAC0067	MR02513	27	28	0.73					200687	0.03	0.76	0.4	<0.02	10	20	0.49	0.05	0.01	<0.01	160	8.2	56	<0.05	17.4	0.59	5.47	0.1	0.43	<0.01	0.017
PH24020934	MRAC0067	MR02514	28	29	1.28					234430	0.05	1.98	0.9	<0.02	10	40	0.93	0.13	0.02	0.02	127.5	39.5	284	0.14	44.9	1.78	9.92	0.1	0.58	<0.01	0.033
PH24020934	MRAC0067	MR02515	29	30	1.44					361754	0.02	1.27	0.7	<0.02	10	40	1.54	0.11	0.02	0.09	94.4	75.1	618	0.13	25.9	6.01	5.42	0.13	0.3		

0.03	5.4	3.2	0.07	164	0.11	0.25	<0.05	473	90	51.9	0.9	<0.001	0.04	0.15	124.5	0.4	1.9	3	<0.01	0.07	7	0.052	<0.02	5.12	406	0.12	11.15	48	27				
0.03	4.4	3.1	0.05	233	0.13	0.22	<0.05	602	80	66.2	0.9	<0.001	0.04	0.19	136	0.6	1.4	2.7	<0.01	0.03	3.5	0.065	0.03	5.18	409	0.26	9.34	42	21.8				
0.03	4.7	3.2	0.05	359	0.14	0.26	<0.05	533	80	64.8	0.9	<0.001	0.04	0.24	120	0.7	5.2	3	<0.01	0.04	3.9	0.073	0.03	6.14	328	0.87	9.09	41	26.1				
0.03	2.4	2.2	0.06	267	0.16	0.26	0.06	384	50	65.6	0.9	<0.001	0.03	0.27	70	0.5	10.9	2.8	<0.01	0.04	2.1	0.105	0.02	3.65	312	19.6	4.43	28	30.7				
0.03	9	2.8	0.05	582	0.37	0.32	0.16	1295	120	113	0.7	0.001	0.03	0.27	68.1	0.4	14.4	3	<0.01	0.06	4.1	0.183	0.03	5.73	253	74	19.85	71	30.5				
0.04	12.4	2.9	0.13	1590	0.37	0.38	0.07	1945	90	220	1	0.001	0.03	0.2	61.5	<0.2	12.1	6.2	<0.01	0.07	3.7	0.094	0.12	4.37	186	67.7	23.3	99	17.8				
0.05	12.6	3.3	0.5	2580	0.31	0.47	0.05	2070	80	213	1.3	0.001	0.03	0.16	51.2	0.3	7.5	8.6	<0.01	0.04	3	0.047	0.22	4.17	156	48.8	21.7	102	9.2				
0.04	13.6	5.2	1.4	1685	0.29	0.46	<0.05	2450	110	97.8	1.2	0.001	0.02	0.14	40.8	0.3	3.2	7.5	0.01	0.03	4.3	0.037	0.08	5.15	117	31.5	37.9	132	8.3				
0.04	13.5	4.6	2.45	1665	0.24	0.74	<0.05	2890	100	100.5	1.1	0.001	0.03	0.16	44.4	0.5	2.9	9.4	0.01	0.06	4.8	0.05	0.08	5.51	129	34.9	37	144	9.6				
0.04	13.6	5.6	3.85	1030	0.2	0.59	<0.05	3100	100	42.3	1.1	0.001	0.01	0.15	34.8	0.7	1.8	8	0.01	0.03	5.5	0.063	0.02	6.36	105	10	41.4	136	10				
0.04	11.8	4.4	3.9	892	0.19	0.61	<0.05	3130	80	32	1.2	0.001	0.02	0.11	28.7	0.6	1.5	7.5	0.01	0.03	5.2	0.056	0.02	5.05	88	6.86	41.4	106	8.4				
0.07	24.8	2.1	2.1	627	0.17	0.61	<0.05	2970	60	21.9	2.2	0.001	0.02	0.14	27.7	0.4	3.1	10.6	0.01	0.02	5.9	0.045	0.02	3.69	72	8.92	35.2	83	10.2				
0.07	14.6	1.7	2.04	622	0.19	0.49	<0.05	2660	70	16.4	2.1	<0.001	0.01	0.13	25	0.5	2	8.3	<0.01	0.01	6.7	0.049	0.02	3.51	70	9.09	28	76	10.2				
0.01	0.9	4.1	0.02	32	0.5	0.04	0.08	14.8	<10	5.1	0.5	<0.001	<0.01	<0.05	4.2	<0.2	0.7	2	<0.01	0.01	1.3	0.033	<0.02	1.52	18	0.08	0.94	3	8.8				
0.03	5.7	4.4	0.4	152	0.74	0.11	0.05	397	10	17.2	1.6	<0.001	0.01	0.07	9.9	<0.2	2	4.9	<0.01	0.02	3.4	0.07	0.02	3.73	64	0.05	7.4	19	19.2				
0.03	4.6	5.8	0.61	185	0.67	0.17	<0.05	558	10	18.2	1.7	<0.001	0.01	0.07	12.3	<0.2	1.9	4.9	<0.01	0.01	4.3	0.048	0.02	3.03	61	0.06	7.77	24	12				
0.05	2.2	4.6	0.09	33	0.08	0.23	<0.05	90.9	<10	28.1	2.6	<0.001	0.01	0.06	27.4	<0.2	1.2	3.4	<0.01	0.02	2.5	0.046	0.02	5.52	183	<0.05	1.58	9	12.9				
0.03	1.7	1.6	0.06	30	0.11	0.21	<0.05	30.1	10	30.1	1.3	<0.001	0.01	<0.05	48.9	<0.2	0.9	3.3	<0.01	0.02	1.1	0.037	0.02	5.24	146	<0.05	2.44	5	6.3				
0.04	5.8	3.9	0.08	36	0.07	0.28	<0.05	61.9	60	51.8	1.5	<0.001	0.01	0.07	135	<0.2	1.6	4.4	<0.01	0.02	0.8	0.041	<0.02	6	205	<0.05	1.87	9	5.9				
0.03	2.5	2.1	0.09	54	0.18	0.23	<0.05	70.8	30	53.4	1.2	<0.001	0.01	0.06	71.5	<0.2	1.6	3.9	<0.01	0.02	1.4	0.031	0.02	4.54	152	<0.05	8.99	9	6.4				
0.06	44.3	3.7	0.09	102	0.05	0.27	<0.05	60.2	70	141.5	2.6	<0.001	0.01	0.08	85.8	0.2	1.5	5.2	<0.01	0.03	1	0.057	0.02	2.99	296	<0.05	16.95	15	6.6				
0.05	61.9	2.1	0.14	100	<0.05	0.33	<0.05	92.3	70	85.1	2	<0.001	0.01	0.07	76.5	<0.2	1.8	6.6	<0.01	0.02	0.9	0.037	0.02	1.26	292	<0.05	20.1	40	6				
0.07	88.3	4	0.21	176	<0.05	0.38	<0.05	141.5	90	68.3	4.2	0.001	0.01	0.08	56.3	0.5	2.1	8.3	0.01	0.02	0.8	0.046	0.03	0.81	301	<0.05	39.2	53	3.4				
0.09	82.1	6.1	0.34	199	0.07	0.56	<0.05	288	90	50.4	6.5	<0.001	0.01	0.07	62	0.3	1.4	12.5	0.01	0.02	0.8	0.023	0.06	1.39	332	<0.05	38.2	80	1.6				
0.08	49.3	2.4	0.38	939	0.12	0.63	<0.05	1890	180	47.4	4.7	<0.001	0.03	0.09	42.7	0.6	1	14.2	<0.01	0.04	0.7	0.014	0.13	1.18	454	<0.05	34.7	415	1.3				
0.1	22	5.6	0.52	251	0.05	0.77	<0.05	759	50	19	7.6	<0.001	0.02	0.05	49.1	<0.2	1.1	16	<0.01	0.02	0.7	0.022	0.06	0.99	219	<0.05	17.9	162	1.5				
0.11	25.5	3.8	0.57	2150	0.08	0.8	<0.05	1690	120	23.7	7.7	0.001	0.02	0.1	40.7	0.2	0.8	18.2	<0.01	0.03	0.6	0.013	0.33	0.82	232	<0.05	38.5	237	1.1				
0.14	78.5	3.9	0.75	3200	0.09	0.98	<0.05	1620	160	14.2	7.8	0.001	0.02	0.07	38.4	0.2	0.9	28.5	0.01	0.02	0.5	0.011	0.47	0.57	150	<0.05	125	290	1				
0.06	24.3	2	1.53	1740	0.22	0.46	<0.05	1830	170	15.4	2.6	0.001	0.01	0.09	22.6	0.4	1.6	11.1	0.01	0.03	0.4	0.019	0.33	1.01	132	0.23	102	180	2.7				
0.03	19.8	1.7	1.15	1955	0.23	0.25	<0.05	3190	250	4.1	1	<0.001	0.01	0.06	14.6	<0.2	0.7	8.4	0.01	0.02	0.3	0.014	0.11	0.83	48	0.88	73.8	168	3.2				
0.04	19.6	1.7	1.34	1970	0.23	0.32	<0.05	3760	200	5.4	1.2	0.001	0.01	0.07	18.7	<0.2	1	9.5	0.01	0.01	0.4	0.016	0.06	0.75	53	0.72	71.3	157	3.4				
0.06	27.8	4.3	1.44	2540	0.22	0.38	<0.05	2900	160	22.9	2.8	0.001	0.01	0.1	30.9	0.2	1.4	11.7	0.01	0.02	0.7	0.023	0.24	1	125	0.13	73.5	165	3.7				
0.04	18.4	1.8	1.57	2620	0.24	0.45	<0.05	3810	140	8.8	1.4	0.001	0.02	0.09	19.6	0.3	1.4	11.7	0.01	0.02	0.9	0.021	0.21	0.95	57	1.02	74.1	123	3.8				
0.06	20	2.8	3.01	3290	0.23	0.46	<0.05	4350	140	7.2	2.2	<0.001	0.02	0.11	21.9	0.2	1.6	15.1	0.01	0.02	0.7	0.032	0.29	1.28	76	0.52	62.4	129	4.2				
0.05	15.2	2.4	1.95	2010	0.21	0.41	<0.05	4170	120	11.2	2	0.001	0.01	0.12	21.4	0.4	1.5	10.6	0.01	0.01	0.9	0.037	0.15	0.87	66	0.29	47.1	89	3.6				
0.04	10.7	2.2	2.15	1305	0.19	0.46	<0.05	4360	100	4.9	1.5	<0.001	0.02	0.1	15	0.5	1.5	8.1	<0.01	<0.01	0.8	0.044	0.08	0.61	41	0.66	36.1	63	3.2				
0.03	6.5	1.8	2.18	915	0.25	0.29	<0.05	3540	70	4	1.5	<0.001	0.01	0.07	11.2	0.4	0.7	5.6	<0.01	0.01	0.6	0.044	0.04	0.59	32	0.79	24.6	42	1.9				
0.03	6.8	2.4	1.87	1080	0.29	0.33	<0.05	3500	100	3.5	1.5	<0.001	0.01	0.06	10.2	0.5	0.6	5.7	<0.01	0.01	0.8	0.037	0.05	0.66	26	1.92	28.8	48	1.5				
0.04	8.8	3.8	4.24	871	0.25	0.37	<0.05	5910	160	7.2	1.9	<0.001	0.01	0.12	21.8	0.4	1.6	5.7	<0.01	0.01	1.5	0.069	0.03	0.71	49	1.44	39.8	61	4.2				
0.05	8.6	7.6	5.47	843	0.19	1.02	<0.05	8190	80	5.1	2.4	<0.001	0.04	<0.05	17.8	0.2	1.8	7.9	<0.01	<0.01	1.3	0.09	0.03	0.58	38	1.23	30.6	86	2.4				
0.05	86.5	1.6	0.13	324	0.17	0.25	<0.05	62.9	80	68.6	1.2	<0.001	0.01	<0.05	4.1	0.2	1.5	6.2	<0.01	0.01	33.4	0.007	0.1	7.12	22	<0.05	22	19	9				
0.06	65.6	4.7	0.64	577	0.16	0.34	<0.05	300	60	62.5	2	<0.001	0.01	<0.05	8.9	<0.2	2.4	8.4	<0.01	0.02	31.2	0.013	0.23	8.72	51	<0.05	17.55	64	12.6				
0.05	46.4	2.6	0.85	595	0.3	0.33	<0.05	1165	60	39.4	2.1	<0.001	0.01	0.06	11.2	0.3	1.6	7.5	<0.01	0.03	16.6	0.02	0.13	6.3	49	0.31	22	54	8.9</				

PH24020934	MRAC0074	MR02823	53	54	1.72						130670	0.01	2.39	1.4	<0.02	20	40	0.84	0.13	0.03	<0.01	147	17	735	0.17	39.2	3.18	11.85	0.14	0.41	0.01	0.073
PH24020934	MRAC0074	MR02824	54	55	1.29						102578	0.01	3.33	0.6	<0.02	10	10	1.11	0.78	0.03	<0.01	98.4	50.5	2070	1.44	42.6	3.45	20.5	0.15	0.25	0.02	0.298
PH24020934	MRAC0074	MR02825	55	56	1.71						196861	0.02	4.08	0.6	<0.02	10	20	1.25	0.62	0.02	<0.01	83.1	57.2	1395	0.72	43.2	3.36	22.4	0.16	0.37	0.02	0.287
PH24020934	MRAC0075	MR02881	51	52	1.32						9868	0.02	1.68	0.5	<0.02	20	10	0.34	0.16	0.03	<0.01	46	4	138	0.43	21.1	1.02	3.95	0.05	0.36	0.01	0.039
PH24020934	MRAC0075	MR02882	52	53	1.36						41545	0.01	1.71	1.5	0.04	20	60	0.58	0.44	0.03	<0.01	191.5	11.4	339	0.38	62.4	3.1	8.96	0.16	0.25	0.05	0.115
PH24020934	MRAC0075	MR02883	53	54	0.75						122439	0.02	2.92	0.5	<0.02	10	70	0.49	0.4	0.03	<0.01	130.5	24	1115	0.98	25.3	2.43	12.35	0.15	0.22	0.04	0.099
PH24020934	MRAC0075	MR02884	54	55	0.67						139904	0.36	3.08	0.6	<0.02	10	10	3.01	0.31	0.03	0.01	131.5	149.5	1415	0.34	75.9	4.82	7.29	0.28	0.28	0.02	0.262
PH24020934	MRAC0075	MR02885	55	56	0.67						133070	0.1	1.68	0.3	<0.02	10	90	1.15	0.15	0.02	0.01	59.5	37.2	398	0.3	34	1.9	5.27	0.1	0.25	0.02	0.065
PH24020924	MRAC0076	MR02886	0	1	1.1	93	0.01	<0.01	<0.01		113163																					
PH24020934	MRAC0077	MR03012	60	61	0.85						207343	0.13	1.71	0.4	<0.02	<10	10	0.32	0.79	0.02	0.01	86.6	14.6	34	0.21	74.1	0.7	5.94	0.08	0.68	0.01	0.013
PH24020934	MRAC0077	MR03013	61	62	1.43						392099	0.3	1.41	1.9	<0.02	10	10	0.31	1.56	0.02	0.02	93.8	169	27	0.23	100.5	1.26	4.97	0.09	0.76	0.02	0.015
PH24020934	MRAC0077	MR03014	62	63	1.31						243587	0.26	0.6	1.3	<0.02	10	10	0.2	1.72	0.02	0.03	86.3	121	21	0.19	109.5	1.05	2.39	0.09	0.63	0.01	0.027
PH24020934	MRAC0077	MR03015	63	64	0.62						238977	0.2	1.07	0.3	<0.02	20	<10	0.36	1.16	0.03	0.22	44.3	71.1	52	0.31	157.5	0.41	2.58	0.09	1.09	0.01	0.226
PH24020934	MRAC0077	MR03016	64	65	0.7						319348	0.18	0.76	0.4	<0.02	10	10	0.27	1.36	0.03	0.06	60.6	83.1	34	0.26	131	0.56	2.29	0.07	0.78	0.01	0.096
PH24020934	MRAC0077	MR03017	65	66	0.52						159366	0.17	1.13	0.2	<0.02	20	10	0.37	0.67	0.03	0.05	76.8	64.3	49	0.35	132.5	0.49	3	0.08	0.75	<0.01	0.105
PH24020934	MRAC0077	MR03018	66	67	0.57						97924	0.2	0.99	0.6	<0.02	20	10	0.38	1.07	0.04	0.03	80.7	102	53	0.35	105.5	0.72	2.31	0.08	0.6	0.01	0.067
PH24020934	MRAC0077	MR03019	67	68	1.17						192213	0.5	1.92	0.9	<0.02	20	20	0.48	1.02	0.04	0.04	131	146	242	1.63	118	1.41	4.04	0.15	0.54	0.01	0.078
PH24020934	MRAC0077	MR03020	68	69	0.85						136553	0.12	2.84	0.2	<0.02	20	70	0.7	0.62	0.03	0.05	181	90.6	401	6.96	58.5	1.89	6.65	0.22	0.52	<0.01	0.084
PH24020934	MRAC0077	MR03021	69	70	2.21						102296	0.19	3.06	0.7	<0.02	20	100	2.25	0.39	0.19	1.81	55.7	91.1	514	4.27	148.5	3.23	7.33	0.14	0.65	<0.01	0.108
PH24020934	MRAC0077	MR03022	70	71	2.07						8425	0.12	3.68	0.3	<0.02	20	90	2.26	0.22	0.38	0.95	35.8	81.4	215	2.84	150	6.44	10.05	0.26	0.22	0.01	0.047
PH24020934	MRAC0077	MR03023	71	72	2.58						194827	0.13	2.58	0.6	<0.02	10	130	2.19	0.29	0.57	0.47	39.6	66.8	145	2.72	168	4.11	7.05	0.17	0.2	<0.01	0.034
PH24020934	MRAC0080	MR03187	39	40	1.29						303001	0.02	1.44	0.1	<0.02	20	20	0.13	0.08	0.02	<0.01	13.95	3.2	22	0.09	12.4	0.78	4.38	<0.05	0.14	<0.01	0.006
PH24020934	MRAC0080	MR03188	40	41	1.42						143242	0.02	1.74	0.2	<0.02	20	30	0.16	0.11	0.03	<0.01	19	25.8	582	<0.05	18.1	2.77	1.92	<0.05	0.08	<0.01	0.008
PH24020934	MRAC0080	MR03189	41	42	0.67						34233	0.01	1.8	0.9	<0.02	20	10	0.88	0.11	0.03	0.01	56.7	62.2	1570	0.08	13.1	6.72	2.11	0.06	0.15	<0.01	0.018
PH24020934	MRAC0080	MR03190	42	43	0.81						-	0.01	1.9	1.3	<0.02	20	10	2.3	0.11	0.03	0.01	222	70.5	1815	0.11	11.1	8.99	2.39	0.21	0.21	0.01	0.016
PH24020934	MRAC0080	MR03191	43	44	1.14						-	0.04	1.55	1	<0.02	10	20	1.65	0.32	0.01	0.02	150	39.9	1200	0.09	55.5	4.8	1.76	0.16	0.12	0.02	0.014
PH24020934	MRAC0080	MR03192	44	45	1.18	97					-	0.02	1.36	1.2	<0.02	20	30	2.23	0.17	0.02	0.01	86.4	60.3	1750	0.12	37.2	5.94	1.76	0.1	0.18	0.02	0.035
PH24020934	MRAC0081	MR03193	45	46	0.8							0.05	1.63	0.7	<0.02	20	20	2.01	0.41	0.02	0.01	98.1	106.5	2570	0.22	62	6.41	2.89	0.13	0.16	0.02	0.253
PH24020934	MRAC0081	MR03229	35	36	0.58						245335	0.02	0.91	<0.1	<0.02	20	10	0.06	0.1	0.01	<0.01	5.66	1.2	16	<0.05	17.6	0.33	4.14	<0.05	0.1	<0.01	<0.005
PH24020934	MRAC0081	MR03237	43	44	1.54						95921	0.05	1.25	0.4	<0.02	20	20	0.39	0.14	0.02	<0.01	84.7	19.6	505	0.11	83.4	2.72	4.26	0.09	0.1	0.01	0.031
PH24020934	MRAC0081	MR03238	44	45	0.45						105609	0.05	1.68	0.3	<0.02	20	30	0.23	0.13	0.02	0.01	31.2	11.4	537	0.14	68.6	1.87	4.85	0.05	0.12	0.01	0.021
PH24020924	MRAC0096	MR03625	0	1	1.28	84.2	0.01	<0.01	0.01		38041																					
PH24020934	MRAC0096	MR03626	1	2	1.5						405677	0.1	3.47	20.3	<0.02	<10	10	0.56	0.26	0.02	<0.01	97.2	2.5	225	0.1	7.4	14.85	76.3	0.13	2.37	0.11	0.151
PH24020924	MRAC0096	MR03628	3	4	1.53	85.2	0.01	<0.01	<0.01		90530																					
PH24020934	MRAC0096	MR03630	5	6	0.87						420154	<0.01	2.62	5.2	<0.02	10	100	1.26	0.15	0.02	<0.01	10.4	6.9	86	0.33	65.8	23	10.65	0.15	0.65	0.01	0.047

0.11	73.1	2.1	0.38	52	0.21	1.45	0.33	199	110	38.5	3.4	<0.001	0.15	0.11	7.3	0.5	3.4	15.6	0.06	<0.01	7	<0.005	0.02	9.91	38	0.22	17	94	3		
0.11	42.6	45.3	5.04	579	0.1	1.8	0.13	758	60	23.1	13.6	<0.001	0.11	0.08	7.5	0.6	3.7	12	0.01	<0.01	2.2	0.006	0.06	27.2	36	0.09	12.5	213	2.5		
0.08	37.8	54.1	6.25	867	0.29	1.3	0.16	877	50	18.6	8.4	0.001	0.08	0.06	7.4	0.6	3.8	9.3	0.01	<0.01	6	0.006	0.05	25.7	53	0.13	16.1	195	4.4		
0.12	22.9	2.4	0.19	21	0.16	1.5	<0.05	19.8	70	9.3	13.1	<0.001	0.14	0.18	15.4	0.5	2.1	8.6	<0.01	<0.01	9.1	0.022	0.05	3.41	138	<0.05	7.38	28	5.6		
0.11	107.5	2.1	0.25	24	0.26	1.64	0.14	52.3	200	35.8	9	0.001	0.15	0.22	22.2	2	7.6	13.2	0.02	0.01	13.2	0.013	0.04	4.97	182	<0.05	62.3	63	3.7		
0.12	64.3	9.1	1.27	71	0.13	1.38	0.18	192	110	14.6	12.6	<0.001	0.1	0.15	26.1	1.5	4.4	12.2	0.01	0.01	4.3	0.018	0.08	6.91	96	0.07	23.2	92	3.6		
0.06	50.3	13.2	5.64	230	0.17	1.28	<0.05	158.5	100	20.4	4.9	0.001	0.06	0.14	18	0.7	4.1	15.7	<0.01	<0.01	2.9	0.078	0.08	18.2	108	0.32	19.7	191	5.2		
0.07	27.3	6.1	1.31	85	0.45	0.86	0.07	372	60	10.6	7.4	<0.001	0.07	0.11	10.6	0.5	2.5	8.9	<0.01	0.01	5.2	0.021	0.04	8.58	74	0.33	10.65	59	4.8		
0.1	36	2	0.09	52	0.48	0.54	0.24	59.1	60	12.9	8.8	0.003	0.11	0.13	2.7	0.3	1.1	5.9	<0.01	<0.01	27.3	0.007	0.44	8.32	11	0.42	17.5	10	14.4		
0.06	38.6	2	0.11	47	0.53	0.73	0.18	243	70	101	4.7	0.017	1.02	0.14	3	0.8	1.2	6.1	<0.01	0.02	26.8	0.006	4.45	8.92	11	0.26	19.85	9	15.8		
0.05	34.3	1	0.12	56	0.59	0.88	0.35	196.5	70	116.5	3.6	0.01	0.72	0.27	3.2	0.7	1	6.8	<0.01	0.01	27.6	0.007	2.5	12.35	10	0.35	19.25	11	13.6		
0.05	17.6	1.3	0.19	28	0.34	1.56	0.08	146.5	40	452	2.5	0.005	0.42	0.54	10	0.3	1	9.2	<0.01	0.01	18.6	0.05	0.89	39.7	56	<0.05	9.21	49	27.5		
0.05	23.6	1.6	0.17	25	0.35	1.31	0.12	179	50	112	2.5	0.006	0.55	0.33	7.6	0.5	0.9	8.2	<0.01	0.02	20	0.029	1.36	15.45	36	0.13	13.3	27	18.3		
0.05	31.5	2.5	0.19	37	0.27	1.44	<0.05	125	70	82.8	3.4	0.003	0.31	0.43	9.9	0.3	1.2	8.6	<0.01	0.01	14.4	0.05	0.61	13.15	56	<0.05	11.3	19	18.6		
0.08	34.1	2.3	0.25	35	0.25	1.85	0.07	197.5	80	150.5	4	0.006	0.76	0.3	9.7	0.5	1.1	22.6	<0.01	0.02	15	0.029	2	8.58	45	0.06	17.95	16	13.8		
0.16	57.6	8.3	0.83	89	0.41	2.09	0.05	465	100	96.9	15.4	0.02	0.92	0.34	11.6	0.8	1.1	24	<0.01	0.02	12.2	0.043	1.75	7.68	53	0.1	29.7	28	12.8		
0.41	80.2	23.1	1.62	137	0.27	1.72	0.05	484	120	188	48.9	0.002	0.6	0.19	10.8	<0.2	0.7	15.3	<0.01	<0.01	7.7	0.077	1.3	5.13	54	0.12	34.6	59	11.8		
0.44	22.4	41.7	2.3	206	0.31	1.58	<0.05	551	360	81.6	45.1	0.002	0.91	0.32	13.1	0.6	0.5	14	<0.01	0.01	4.2	0.098	1.17	2.17	81	<0.05	12.55	411	13.6		
0.31	13.9	28.7	1.9	350	0.33	1.37	<0.05	477	340	44.1	21.2	0.002	0.59	0.16	15.6	0.5	0.3	15.4	<0.01	0.01	1.5	0.337	0.53	0.8	189	0.11	11.65	546	4.9		
0.3	15.6	23.7	1.35	329	0.46	1.06	<0.05	277	350	34.8	22.5	0.002	0.54	0.14	12	0.7	0.3	14.2	<0.01	0.01	1.8	0.225	0.56	1.16	125	0.31	13.05	291	4.7		
0.04	8	7.1	0.13	45	0.36	0.79	<0.05	19.9	30	2.2	1.2	<0.001	0.08	<0.05	1.8	<0.2	0.4	6.1	<0.01	<0.01	3.8	0.006	<0.02	5.66	14	0.77	2.05	9	4.2		
0.11	11.9	2.7	0.22	32	0.31	1.28	<0.05	394	20	1.7	0.9	<0.001	0.14	0.06	7.7	<0.2	0.2	11	<0.01	0.01	7.2	<0.005	<0.02	9.57	35	0.75	1.85	17	3.2		
0.14	23.2	1.6	0.29	69	0.46	1.61	<0.05	1025	120	6.4	1	<0.001	0.24	0.15	15.6	0.2	0.4	36.9	<0.01	<0.01	10.8	0.011	<0.02	3.94	66	1.26	8.26	50	9.3		
0.09	140.5	1.7	0.27	146	0.61	1.26	<0.05	1215	380	8	1	<0.001	0.19	0.2	12.9	0.5	0.4	49	<0.01	<0.01	7.4	0.025	<0.02	3.69	79	3.01	33.6	65	11.6		
0.05	96.2	1.2	0.2	116	0.51	0.65	<0.05	660	210	5.2	0.7	<0.001	0.11	0.18	7.6	0.4	0.3	15.7	<0.01	<0.01	3.5	0.02	<0.02	2.78	51	4.91	27.8	33	5.9		
0.06	45.9	1.1	0.57	175	0.98	0.88	<0.05	1125	160	3.1	1	<0.001	0.1	0.23	18.2	0.2	0.3	16.8	<0.01	<0.01	5.6	0.027	<0.02	7.41	61	5.46	19.05	49	11		
0.07	48.7	3.1	1.21	202	0.3	0.83	<0.05	1460	110	7.5	2.5	<0.001	0.09	0.17	22.9	0.2	0.3	21.4	<0.01	<0.01	5.1	0.038	0.02	18.5	86	2.63	20.6	56	9.3		
0.03	2.8	4.5	0.07	23	0.25	0.57	<0.05	5.7	10	0.7	0.6	<0.001	0.06	0.05	1.9	<0.2	0.3	3.3	<0.01	<0.01	2.2	0.006	<0.02	10.05	7	0.22	0.85	3	3		
0.06	43.7	2.4	0.23	58	0.56	1.2	0.09	237	80	6.7	0.8	0.001	0.12	0.35	9.1	0.2	0.6	11.7	<0.01	0.01	2.7	0.012	<0.02	8.22	34	0.48	9.32	23	2.9		
0.05	15.2	4.6	0.28	55	0.51	1.04	<0.05	125.5	40	3.9	0.9	0.001	0.11	0.22	5.5	<0.2	0.8	9	<0.01	0.01	2.6	0.013	<0.02	7.49	32	0.36	3.27	21	3.9		
0.02	3.2	3	0.03	22	2.89	0.04	0.19	12.6	40	32.6	2.5	<0.001	0.04	0.32	21.5	3.7	3.3	2.1	<0.01	0.06	299	0.033	0.04	11.85	291	0.12	1.76	6	123		
0.05	5.4	2.7	0.06	43	0.8	0.09	0.19	38.9	70	19.2	7.1	<0.001	0.03	0.11	22.2	0.5	1.1	7.7	<0.01	0.04	65.2	0.041	0.03	7.48	177	0.11	2.82	20	29.4		