

| region # | chromosome | Start position | End position | length (bp) | # of top 1% SNPs within region |
|----------|------------|----------------|--------------|-------------|--------------------------------|
| 1 | 1 | 7792224 | 7896757 | 104533 | 15 |
| 2 | 1 | 29158117 | 29429574 | 271457 | 23 |
| 3 | 1 | 35056561 | 35336113 | 279552 | 25 |
| 4 | 1 | 35507170 | 35954991 | 447821 | 47 |
| 5 | 1 | 46855808 | 47044686 | 188878 | 13 |
| 6 | 1 | 48692244 | 48738338 | 46094 | 10 |
| 7 | 1 | 65202269 | 65234137 | 31868 | 13 |
| 8 | 1 | 66552479 | 66592850 | 40371 | 12 |
| 9 | 1 | 72439588 | 72466646 | 27058 | 20 |
| 10 | 1 | 75251851 | 75299066 | 47215 | 11 |
| 11 | 1 | 92152172 | 92376182 | 224010 | 17 |
| 12 | 1 | 144086558 | 144143214 | 56656 | 20 |
| 13 | 1 | 154307552 | 154353904 | 46352 | 12 |
| 14 | 1 | 165883926 | 166024771 | 140845 | 42 |
| 15 | 1 | 166346357 | 166519547 | 173190 | 19 |
| 16 | 1 | 166681780 | 166723544 | 41764 | 17 |
| 17 | 1 | 169968307 | 170102315 | 134008 | 16 |
| 18 | 1 | 170156251 | 170215393 | 59142 | 10 |
| 19 | 1 | 176923846 | 176967051 | 43205 | 14 |
| 20 | 1 | 195442649 | 195604958 | 162309 | 38 |
| 21 | 1 | 196340094 | 196397371 | 57277 | 10 |
| 22 | 1 | 200916214 | 200962221 | 46007 | 10 |
| 23 | 1 | 201923735 | 202026783 | 103048 | 23 |
| 24 | 1 | 202833886 | 202890572 | 56686 | 10 |
| 25 | 1 | 208774473 | 208800319 | 25846 | 13 |
| 26 | 1 | 229667496 | 229723531 | 56035 | 29 |
| 27 | 1 | 231315554 | 231352079 | 36525 | 18 |
| 28 | 1 | 231367326 | 231423057 | 55731 | 17 |
| 29 | 1 | 231866718 | 231899458 | 32740 | 10 |
| 30 | 1 | 242939710 | 243063807 | 124097 | 25 |
| 31 | 2 | 13851646 | 13918802 | 67156 | 24 |
| 32 | 2 | 16780080 | 16802058 | 21978 | 10 |
| 33 | 2 | 17114840 | 17206352 | 91512 | 17 |
| 34 | 2 | 17251570 | 17423034 | 171464 | 59 |
| 35 | 2 | 17446983 | 17667050 | 220067 | 25 |
| 36 | 2 | 17760353 | 17837901 | 77548 | 13 |
| 37 | 2 | 17957610 | 18024021 | 66411 | 28 |
| 38 | 2 | 19049791 | 19081464 | 31673 | 10 |
| 39 | 2 | 19684280 | 19756560 | 72280 | 26 |
| 40 | 2 | 25993269 | 26148038 | 154769 | 13 |
| 41 | 2 | 26406754 | 26653031 | 246277 | 26 |
| 42 | 2 | 38074516 | 38197596 | 123080 | 45 |
| 43 | 2 | 38416518 | 38458268 | 41750 | 16 |
| 44 | 2 | 40370011 | 40386252 | 16241 | 13 |
| 45 | 2 | 40735500 | 40810538 | 75038 | 26 |
| 46 | 2 | 40903943 | 40952139 | 48196 | 20 |
| 47 | 2 | 44179533 | 44234161 | 54628 | 19 |
| 48 | 2 | 55857206 | 55881997 | 24791 | 10 |
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| 51 | 2 | 74612395 | 74799689 | 187294 | 13 |

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| 52 | 2 | 74842869 | 74940127 | 97258 | 38 |
| 53 | 2 | 86570541 | 86615534 | 44993 | 10 |
| 54 | 2 | 104335362 | 104566945 | 231583 | 20 |
| 55 | 2 | 107789200 | 108010333 | 221133 | 46 |
| 56 | 2 | 108507295 | 108558105 | 50810 | 11 |
| 57 | 2 | 108686523 | 108877935 | 191412 | 19 |
| 58 | 2 | 109135001 | 109250374 | 115373 | 40 |
| 59 | 2 | 119740200 | 119746059 | 5859 | 11 |
| 60 | 2 | 123068296 | 123216160 | 147864 | 38 |
| 61 | 2 | 126123179 | 126413028 | 289849 | 72 |
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| 63 | 2 | 153350334 | 153425089 | 74755 | 16 |
| 64 | 2 | 153497060 | 153543393 | 46333 | 16 |
| 65 | 2 | 154991040 | 155035601 | 44561 | 10 |
| 66 | 2 | 164314128 | 164405200 | 91072 | 10 |
| 67 | 2 | 171563920 | 171643068 | 79148 | 23 |
| 68 | 2 | 173348329 | 173510862 | 162533 | 23 |
| 69 | 2 | 177817852 | 177847126 | 29274 | 21 |
| 70 | 2 | 179847398 | 179907516 | 60118 | 16 |
| 71 | 2 | 211791790 | 211840711 | 48921 | 10 |
| 72 | 2 | 212728567 | 212758365 | 29798 | 12 |
| 73 | 2 | 216479398 | 216532339 | 52941 | 19 |
| 74 | 2 | 216763322 | 216813395 | 50073 | 23 |
| 75 | 2 | 218061201 | 218104452 | 43251 | 14 |
| 76 | 2 | 223645065 | 223730976 | 85911 | 16 |
| 77 | 3 | 2622113 | 2636675 | 14562 | 10 |
| 78 | 3 | 3163016 | 3213726 | 50710 | 16 |
| 79 | 3 | 36074643 | 36111561 | 36918 | 16 |
| 80 | 3 | 49349262 | 49516063 | 166801 | 11 |
| 81 | 3 | 58052200 | 58075903 | 23703 | 10 |
| 82 | 3 | 64229886 | 64290858 | 60972 | 31 |
| 83 | 3 | 64309210 | 64375379 | 66169 | 17 |
| 84 | 3 | 71426913 | 71535395 | 108482 | 13 |
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| 87 | 3 | 121253963 | 121369516 | 115553 | 13 |
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| 90 | 3 | 125262001 | 125277705 | 15704 | 10 |
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| 92 | 3 | 161955802 | 161998153 | 42351 | 10 |
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| 97 | 3 | 197925843 | 198044316 | 118473 | 12 |
| 98 | 4 | 6016995 | 6045112 | 28117 | 24 |
| 99 | 4 | 21397803 | 21425668 | 27865 | 12 |
| 100 | 4 | 22652230 | 22849845 | 197615 | 32 |
| 101 | 4 | 27166805 | 27232128 | 65323 | 14 |
| 102 | 4 | 29140421 | 29178507 | 38086 | 14 |
| 103 | 4 | 38128437 | 38177892 | 49455 | 13 |

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| 104 | 4 | 38408315 | 38433315 | 25000 | 12 |
| 105 | 4 | 43253692 | 43328678 | 74986 | 21 |
| 106 | 4 | 57024995 | 57037233 | 12238 | 10 |
| 107 | 4 | 60998034 | 61064279 | 66245 | 16 |
| 108 | 4 | 63255385 | 63332752 | 77367 | 24 |
| 109 | 4 | 73375440 | 73517739 | 142299 | 26 |
| 110 | 4 | 73572135 | 73624879 | 52744 | 12 |
| 111 | 4 | 86950413 | 87070744 | 120331 | 33 |
| 112 | 4 | 87123335 | 87147766 | 24431 | 10 |
| 113 | 4 | 91071226 | 91160540 | 89314 | 20 |
| 114 | 4 | 111381500 | 111406702 | 25202 | 12 |
| 115 | 4 | 135431375 | 135868494 | 437119 | 76 |
| 116 | 4 | 153388383 | 153458454 | 70071 | 16 |
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| 118 | 4 | 160730848 | 160899142 | 168294 | 25 |
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| 120 | 4 | 171772452 | 171844514 | 72062 | 17 |
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| 123 | 5 | 2910280 | 2936337 | 26057 | 10 |
| 124 | 5 | 4969220 | 4992993 | 23773 | 13 |
| 125 | 5 | 10314172 | 10341846 | 27674 | 10 |
| 126 | 5 | 13646073 | 13659894 | 13821 | 14 |
| 127 | 5 | 18126844 | 18168395 | 41551 | 11 |
| 128 | 5 | 28279274 | 28338829 | 59555 | 13 |
| 129 | 5 | 30074058 | 30085976 | 11918 | 14 |
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| 137 | 5 | 108720962 | 108883620 | 162658 | 24 |
| 138 | 5 | 128387641 | 128406390 | 18749 | 17 |
| 139 | 5 | 132085926 | 132178119 | 92193 | 22 |
| 140 | 5 | 136335816 | 136391843 | 56027 | 10 |
| 141 | 5 | 142273506 | 142436334 | 162828 | 40 |
| 142 | 5 | 142456316 | 142486468 | 30152 | 10 |
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| 148 | 5 | 167044409 | 167085287 | 40878 | 17 |
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| 150 | 6 | 6949860 | 7102039 | 152179 | 25 |
| 151 | 6 | 22151788 | 22203585 | 51797 | 10 |
| 152 | 6 | 38294473 | 38493205 | 198732 | 34 |
| 153 | 6 | 44388835 | 44464921 | 76086 | 12 |
| 154 | 6 | 54829488 | 54904124 | 74636 | 32 |
| 155 | 6 | 56163423 | 56182022 | 18599 | 11 |

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| 156 | 6 | 80240144 | 80325779 | 85635 | 10 |
| 157 | 6 | 91357650 | 91374538 | 16888 | 17 |
| 158 | 6 | 93435249 | 93489970 | 54721 | 14 |
| 159 | 6 | 93635981 | 93690767 | 54786 | 22 |
| 160 | 6 | 97698965 | 97813189 | 114224 | 19 |
| 161 | 6 | 121227677 | 121295655 | 67978 | 36 |
| 162 | 6 | 122184180 | 122268449 | 84269 | 18 |
| 163 | 6 | 124122315 | 124129724 | 7409 | 11 |
| 164 | 6 | 126589385 | 127059355 | 469970 | 68 |
| 165 | 6 | 127766722 | 127935184 | 168462 | 30 |
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| 171 | 6 | 156759285 | 156772699 | 13414 | 13 |
| 172 | 6 | 159547865 | 159573610 | 25745 | 29 |
| 173 | 6 | 166430647 | 166459673 | 29026 | 22 |
| 174 | 6 | 169751423 | 169920385 | 168962 | 14 |
| 175 | 6 | 169951018 | 170034558 | 83540 | 20 |
| 176 | 6 | 170510772 | 170597840 | 87068 | 18 |
| 177 | 7 | 9840940 | 9868091 | 27151 | 12 |
| 178 | 7 | 14042164 | 14056377 | 14213 | 12 |
| 179 | 7 | 14405099 | 14456612 | 51513 | 13 |
| 180 | 7 | 25467843 | 25499533 | 31690 | 11 |
| 181 | 7 | 25531780 | 25547719 | 15939 | 14 |
| 182 | 7 | 27884458 | 27921718 | 37260 | 14 |
| 183 | 7 | 80306942 | 80347005 | 40063 | 12 |
| 184 | 7 | 83050708 | 83114306 | 63598 | 18 |
| 185 | 7 | 84825282 | 84954886 | 129604 | 17 |
| 186 | 7 | 85544786 | 85720004 | 175218 | 16 |
| 187 | 7 | 88273509 | 88339369 | 65860 | 20 |
| 188 | 7 | 101232338 | 101380336 | 147998 | 21 |
| 189 | 7 | 112615625 | 112700875 | 85250 | 11 |
| 190 | 7 | 112910324 | 113036180 | 125856 | 14 |
| 191 | 7 | 130226349 | 130283457 | 57108 | 14 |
| 192 | 8 | 11467894 | 11537376 | 69482 | 15 |
| 193 | 8 | 11539406 | 11636979 | 97573 | 14 |
| 194 | 8 | 12733069 | 12780372 | 47303 | 15 |
| 195 | 8 | 31840607 | 31868316 | 27709 | 20 |
| 196 | 8 | 37465204 | 37506646 | 41442 | 13 |
| 197 | 8 | 62194953 | 62241990 | 47037 | 32 |
| 198 | 8 | 66262374 | 66363868 | 101494 | 15 |
| 199 | 8 | 73867598 | 73940386 | 72788 | 33 |
| 200 | 8 | 111649715 | 111792276 | 142561 | 12 |
| 201 | 8 | 122558472 | 122574815 | 16343 | 10 |
| 202 | 8 | 122640877 | 122673774 | 32897 | 10 |
| 203 | 8 | 126840040 | 126938040 | 98000 | 27 |
| 204 | 9 | 9809049 | 9851006 | 41957 | 10 |
| 205 | 9 | 10363600 | 10423023 | 59423 | 11 |
| 206 | 9 | 12391209 | 12543171 | 151962 | 47 |
| 207 | 9 | 12568438 | 12765488 | 197050 | 79 |

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| 208 | 9 | 16651092 | 16735514 | 84422 | 20 |
| 209 | 9 | 16785286 | 16821748 | 36462 | 10 |
| 210 | 9 | 26089466 | 26157022 | 67556 | 18 |
| 211 | 9 | 26799022 | 27127654 | 328632 | 55 |
| 212 | 9 | 34965508 | 35079498 | 113990 | 13 |
| 213 | 9 | 83368043 | 83407378 | 39335 | 10 |
| 214 | 9 | 83463865 | 83813052 | 349187 | 48 |
| 215 | 9 | 86567954 | 86657492 | 89538 | 17 |
| 216 | 9 | 87802219 | 87830149 | 27930 | 41 |
| 217 | 9 | 98441204 | 98481793 | 40589 | 13 |
| 218 | 9 | 100471446 | 100518062 | 46616 | 11 |
| 219 | 9 | 109395321 | 109433839 | 38518 | 13 |
| 220 | 10 | 4254320 | 4286824 | 32504 | 14 |
| 221 | 10 | 5890155 | 5908924 | 18769 | 11 |
| 222 | 10 | 8259087 | 8316999 | 57912 | 14 |
| 223 | 10 | 8783468 | 8835711 | 52243 | 22 |
| 224 | 10 | 20378684 | 20394280 | 15596 | 10 |
| 225 | 10 | 23501565 | 23667419 | 165854 | 31 |
| 226 | 10 | 28361372 | 28446847 | 85475 | 22 |
| 227 | 10 | 37128805 | 37230563 | 101758 | 31 |
| 228 | 10 | 49042716 | 49140239 | 97523 | 32 |
| 229 | 10 | 54880153 | 54932740 | 52587 | 16 |
| 230 | 10 | 55214898 | 55242747 | 27849 | 13 |
| 231 | 10 | 55262962 | 55433826 | 170864 | 60 |
| 232 | 10 | 68929453 | 69024427 | 94974 | 20 |
| 233 | 10 | 73379900 | 73520018 | 140118 | 15 |
| 234 | 10 | 73549532 | 73962617 | 413085 | 61 |
| 235 | 10 | 77406138 | 77436812 | 30674 | 13 |
| 236 | 10 | 81834175 | 81877658 | 43483 | 14 |
| 237 | 10 | 94477764 | 94697070 | 219306 | 67 |
| 238 | 10 | 94773161 | 94842631 | 69470 | 17 |
| 239 | 10 | 109230427 | 109241819 | 11392 | 11 |
| 240 | 11 | 4849514 | 4889476 | 39962 | 13 |
| 241 | 11 | 5519812 | 5533605 | 13793 | 15 |
| 242 | 11 | 5557776 | 5572157 | 14381 | 15 |
| 243 | 11 | 23762166 | 23796832 | 34666 | 13 |
| 244 | 11 | 32341203 | 32375549 | 34346 | 12 |
| 245 | 11 | 38365710 | 38571109 | 205399 | 51 |
| 246 | 11 | 44700663 | 44749595 | 48932 | 14 |
| 247 | 11 | 61493075 | 61524162 | 31087 | 11 |
| 248 | 11 | 80985427 | 81010491 | 25064 | 12 |
| 249 | 11 | 99872041 | 99950416 | 78375 | 13 |
| 250 | 11 | 119638249 | 119708817 | 70568 | 19 |
| 251 | 12 | 4039860 | 4126366 | 86506 | 15 |
| 252 | 12 | 12024132 | 12053666 | 29534 | 11 |
| 253 | 12 | 22095425 | 22135645 | 40220 | 12 |
| 254 | 12 | 25230671 | 25275080 | 44409 | 14 |
| 255 | 12 | 32980008 | 33037082 | 57074 | 12 |
| 256 | 12 | 33137238 | 33309428 | 172190 | 40 |
| 257 | 12 | 33629037 | 33719472 | 90435 | 22 |
| 258 | 12 | 47070467 | 47172762 | 102295 | 19 |
| 259 | 12 | 52458569 | 52544208 | 85639 | 27 |

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|-----|----|-----------|-----------|---------|-----|
| 260 | 12 | 53626666 | 53691996 | 65330 | 30 |
| 261 | 12 | 67137191 | 67173223 | 36032 | 10 |
| 262 | 12 | 73449504 | 73551061 | 101557 | 15 |
| 263 | 12 | 85692457 | 85785491 | 93034 | 13 |
| 264 | 12 | 92850691 | 92867117 | 16426 | 10 |
| 265 | 12 | 110154175 | 111455363 | 1301188 | 126 |
| 266 | 13 | 19072807 | 19247692 | 174885 | 47 |
| 267 | 13 | 23902547 | 23958467 | 55920 | 34 |
| 268 | 13 | 29743277 | 29760283 | 17006 | 11 |
| 269 | 13 | 32625602 | 32678316 | 52714 | 16 |
| 270 | 13 | 32720737 | 32737733 | 16996 | 15 |
| 271 | 13 | 41744257 | 41811922 | 67665 | 18 |
| 272 | 13 | 41946931 | 41980423 | 33492 | 11 |
| 273 | 13 | 57656354 | 57697478 | 41124 | 14 |
| 274 | 13 | 61097059 | 61192794 | 95735 | 20 |
| 275 | 13 | 61323097 | 61690524 | 367427 | 105 |
| 276 | 13 | 62001263 | 62015319 | 14056 | 23 |
| 277 | 13 | 70135944 | 70172850 | 36906 | 10 |
| 278 | 13 | 70185834 | 70229368 | 43534 | 22 |
| 279 | 13 | 71752804 | 71765917 | 13113 | 10 |
| 280 | 13 | 71905253 | 71924535 | 19282 | 11 |
| 281 | 13 | 85996226 | 86067435 | 71209 | 10 |
| 282 | 13 | 87596501 | 87699922 | 103421 | 28 |
| 283 | 13 | 89475732 | 89508535 | 32803 | 17 |
| 284 | 13 | 91694613 | 91749890 | 55277 | 20 |
| 285 | 13 | 93244651 | 93271433 | 26782 | 14 |
| 286 | 13 | 96417299 | 96450726 | 33427 | 12 |
| 287 | 13 | 107161131 | 107194602 | 33471 | 13 |
| 288 | 13 | 109656667 | 109680616 | 23949 | 11 |
| 289 | 14 | 22745635 | 22846783 | 101148 | 20 |
| 290 | 14 | 30868687 | 30876603 | 7916 | 13 |
| 291 | 14 | 33124367 | 33201040 | 76673 | 10 |
| 292 | 14 | 41224268 | 41263424 | 39156 | 15 |
| 293 | 14 | 44786876 | 44916436 | 129560 | 37 |
| 294 | 14 | 47208922 | 47329393 | 120471 | 21 |
| 295 | 14 | 48003860 | 48102105 | 98245 | 20 |
| 296 | 14 | 63312060 | 63368417 | 56357 | 19 |
| 297 | 14 | 67351554 | 67398608 | 47054 | 22 |
| 298 | 14 | 67420411 | 67643874 | 223463 | 23 |
| 299 | 14 | 94067518 | 94073821 | 6303 | 20 |
| 300 | 14 | 95232641 | 95346960 | 114319 | 18 |
| 301 | 14 | 99371605 | 99515197 | 143592 | 20 |
| 302 | 15 | 25852515 | 25976371 | 123856 | 14 |
| 303 | 15 | 43287724 | 43440039 | 152315 | 55 |
| 304 | 15 | 44586911 | 44596891 | 9980 | 16 |
| 305 | 15 | 45984817 | 46027466 | 42649 | 11 |
| 306 | 15 | 46092560 | 46149550 | 56990 | 10 |
| 307 | 15 | 48295500 | 48382496 | 86996 | 15 |
| 308 | 15 | 50201080 | 50269509 | 68429 | 19 |
| 309 | 15 | 61021149 | 61037344 | 16195 | 10 |
| 310 | 15 | 61415521 | 61877168 | 461647 | 88 |
| 311 | 15 | 61976761 | 62027981 | 51220 | 11 |

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| 312 | 15 | 62820643 | 62914408 | 93765 | 17 |
| 313 | 15 | 69654175 | 69683364 | 29189 | 42 |
| 314 | 15 | 89228014 | 89298922 | 70908 | 10 |
| 315 | 15 | 89823285 | 89847368 | 24083 | 16 |
| 316 | 16 | 5737814 | 5773535 | 35721 | 15 |
| 317 | 16 | 10271364 | 10299314 | 27950 | 10 |
| 318 | 16 | 20587355 | 20646759 | 59404 | 13 |
| 319 | 16 | 59107572 | 59156992 | 49420 | 14 |
| 320 | 16 | 62221993 | 62235327 | 13334 | 10 |
| 321 | 16 | 65617179 | 65659731 | 42552 | 13 |
| 322 | 16 | 75338036 | 75562484 | 224448 | 40 |
| 323 | 16 | 75939634 | 75954187 | 14553 | 18 |
| 324 | 16 | 78169979 | 78210538 | 40559 | 16 |
| 325 | 16 | 85587338 | 85608958 | 21620 | 12 |
| 326 | 16 | 89539805 | 89609838 | 70033 | 19 |
| 327 | 17 | 14619706 | 14642944 | 23238 | 12 |
| 328 | 17 | 17862368 | 18255795 | 393427 | 39 |
| 329 | 17 | 20154543 | 20381537 | 226994 | 34 |
| 330 | 17 | 30771281 | 30975214 | 203933 | 21 |
| 331 | 17 | 48927414 | 49050363 | 122949 | 15 |
| 332 | 17 | 64522305 | 64746634 | 224329 | 42 |
| 333 | 17 | 69995635 | 70035019 | 39384 | 21 |
| 334 | 18 | 7585095 | 7617199 | 32104 | 10 |
| 335 | 18 | 31158770 | 31232197 | 73427 | 12 |
| 336 | 18 | 36382489 | 36415916 | 33427 | 10 |
| 337 | 18 | 39167190 | 39207577 | 40387 | 16 |
| 338 | 18 | 54929757 | 54972968 | 43211 | 15 |
| 339 | 18 | 67707371 | 67766235 | 58864 | 11 |
| 340 | 19 | 4900266 | 5012052 | 111786 | 10 |
| 341 | 19 | 39328872 | 39420460 | 91588 | 23 |
| 342 | 19 | 49588016 | 49605296 | 17280 | 13 |
| 343 | 20 | 1455272 | 1482850 | 27578 | 13 |
| 344 | 20 | 1904445 | 1969008 | 64563 | 30 |
| 345 | 20 | 2028591 | 2141407 | 112816 | 58 |
| 346 | 20 | 7843067 | 7900947 | 57880 | 11 |
| 347 | 20 | 18361623 | 18392366 | 30743 | 13 |
| 348 | 20 | 20169188 | 20224681 | 55493 | 21 |
| 349 | 20 | 22371059 | 22417151 | 46092 | 14 |
| 350 | 20 | 31747352 | 32140745 | 393393 | 52 |
| 351 | 20 | 52236817 | 52261680 | 24863 | 13 |
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| 353 | 20 | 60416190 | 60431631 | 15441 | 10 |
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| 355 | 21 | 23706934 | 23716305 | 9371 | 18 |
| 356 | 21 | 25832335 | 25882957 | 50622 | 10 |
| 357 | 21 | 28760070 | 28787610 | 27540 | 11 |
| 358 | 21 | 38837152 | 38857481 | 20329 | 17 |
| 359 | 21 | 41724902 | 41750242 | 25340 | 14 |
| 360 | 21 | 42875375 | 42914787 | 39412 | 26 |
| 361 | 22 | 21986644 | 22033028 | 46384 | 11 |
| 362 | 22 | 41104264 | 41270923 | 166659 | 14 |
| 363 | 22 | 41552747 | 41585275 | 32528 | 11 |

| # of Perlegen SNPs within region | ratio of top 1% SNPs to total # of SNPs | average Fst | average Fst p-value |
|----------------------------------|---|-------------|---------------------|
| 36 | 0.417 | 0.493 | 0.010 |
| 76 | 0.303 | 0.391 | 0.016 |
| 79 | 0.316 | 0.539 | 0.001 |
| 68 | 0.691 | 0.700 | 0.000 |
| 49 | 0.265 | 0.389 | 0.016 |
| 33 | 0.303 | 0.464 | 0.007 |
| 31 | 0.419 | 0.386 | 0.014 |
| 45 | 0.267 | 0.449 | 0.008 |
| 37 | 0.541 | 0.523 | 0.000 |
| 20 | 0.550 | 0.499 | 0.003 |
| 57 | 0.298 | 0.413 | 0.015 |
| 42 | 0.476 | 0.473 | 0.008 |
| 21 | 0.571 | 0.476 | 0.005 |
| 87 | 0.483 | 0.572 | 0.001 |
| 60 | 0.317 | 0.438 | 0.006 |
| 62 | 0.274 | 0.467 | 0.006 |
| 39 | 0.410 | 0.538 | 0.002 |
| 35 | 0.286 | 0.446 | 0.012 |
| 31 | 0.452 | 0.403 | 0.019 |
| 127 | 0.299 | 0.350 | 0.032 |
| 35 | 0.286 | 0.409 | 0.011 |
| 34 | 0.294 | 0.354 | 0.024 |
| 75 | 0.307 | 0.485 | 0.003 |
| 37 | 0.270 | 0.436 | 0.011 |
| 27 | 0.481 | 0.475 | 0.010 |
| 98 | 0.296 | 0.377 | 0.018 |
| 43 | 0.419 | 0.549 | 0.000 |
| 53 | 0.321 | 0.632 | 0.000 |
| 37 | 0.270 | 0.424 | 0.015 |
| 60 | 0.417 | 0.483 | 0.006 |
| 51 | 0.471 | 0.456 | 0.004 |
| 33 | 0.303 | 0.398 | 0.015 |
| 52 | 0.327 | 0.341 | 0.032 |
| 119 | 0.496 | 0.525 | 0.006 |
| 101 | 0.248 | 0.464 | 0.008 |
| 45 | 0.289 | 0.454 | 0.004 |
| 65 | 0.431 | 0.568 | 0.001 |
| 21 | 0.476 | 0.456 | 0.005 |
| 87 | 0.299 | 0.490 | 0.005 |
| 20 | 0.650 | 0.584 | 0.003 |
| 78 | 0.333 | 0.487 | 0.001 |
| 120 | 0.375 | 0.523 | 0.002 |
| 31 | 0.516 | 0.493 | 0.005 |
| 43 | 0.302 | 0.450 | 0.008 |
| 51 | 0.510 | 0.486 | 0.007 |
| 51 | 0.392 | 0.351 | 0.021 |
| 47 | 0.404 | 0.490 | 0.007 |
| 35 | 0.286 | 0.308 | 0.055 |
| 46 | 0.304 | 0.475 | 0.005 |
| 33 | 0.303 | 0.431 | 0.015 |
| 44 | 0.295 | 0.643 | 0.001 |

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|-----|-------|-------|-------|
| 76 | 0.500 | 0.700 | 0.000 |
| 30 | 0.333 | 0.495 | 0.003 |
| 53 | 0.377 | 0.543 | 0.003 |
| 101 | 0.455 | 0.493 | 0.001 |
| 38 | 0.289 | 0.457 | 0.006 |
| 58 | 0.328 | 0.460 | 0.004 |
| 98 | 0.408 | 0.761 | 0.000 |
| 17 | 0.647 | 0.445 | 0.011 |
| 84 | 0.452 | 0.455 | 0.005 |
| 191 | 0.377 | 0.552 | 0.004 |
| 52 | 0.212 | 0.317 | 0.036 |
| 35 | 0.457 | 0.550 | 0.003 |
| 43 | 0.372 | 0.517 | 0.002 |
| 36 | 0.278 | 0.437 | 0.013 |
| 30 | 0.333 | 0.492 | 0.003 |
| 67 | 0.343 | 0.416 | 0.005 |
| 84 | 0.274 | 0.452 | 0.013 |
| 62 | 0.339 | 0.541 | 0.001 |
| 61 | 0.262 | 0.481 | 0.004 |
| 35 | 0.286 | 0.366 | 0.021 |
| 37 | 0.324 | 0.455 | 0.005 |
| 63 | 0.302 | 0.476 | 0.005 |
| 69 | 0.333 | 0.571 | 0.000 |
| 43 | 0.326 | 0.484 | 0.007 |
| 48 | 0.333 | 0.356 | 0.034 |
| 25 | 0.400 | 0.449 | 0.005 |
| 54 | 0.296 | 0.528 | 0.002 |
| 57 | 0.281 | 0.407 | 0.017 |
| 37 | 0.297 | 0.468 | 0.011 |
| 29 | 0.345 | 0.523 | 0.004 |
| 71 | 0.437 | 0.478 | 0.004 |
| 58 | 0.293 | 0.517 | 0.002 |
| 41 | 0.317 | 0.485 | 0.002 |
| 40 | 0.350 | 0.459 | 0.003 |
| 38 | 0.289 | 0.461 | 0.002 |
| 41 | 0.317 | 0.458 | 0.007 |
| 36 | 0.278 | 0.403 | 0.011 |
| 34 | 0.294 | 0.500 | 0.005 |
| 20 | 0.500 | 0.553 | 0.002 |
| 32 | 0.438 | 0.519 | 0.007 |
| 35 | 0.286 | 0.365 | 0.017 |
| 34 | 0.294 | 0.366 | 0.024 |
| 25 | 0.400 | 0.444 | 0.010 |
| 30 | 0.467 | 0.470 | 0.008 |
| 27 | 0.481 | 0.548 | 0.001 |
| 34 | 0.353 | 0.432 | 0.008 |
| 68 | 0.353 | 0.445 | 0.005 |
| 33 | 0.364 | 0.508 | 0.005 |
| 70 | 0.457 | 0.508 | 0.003 |
| 52 | 0.269 | 0.379 | 0.022 |
| 40 | 0.350 | 0.502 | 0.007 |
| 49 | 0.265 | 0.569 | 0.001 |

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|-----|-------|-------|-------|
| 33 | 0.364 | 0.517 | 0.002 |
| 55 | 0.382 | 0.478 | 0.008 |
| 31 | 0.323 | 0.496 | 0.008 |
| 57 | 0.281 | 0.442 | 0.015 |
| 64 | 0.375 | 0.429 | 0.006 |
| 61 | 0.426 | 0.558 | 0.000 |
| 40 | 0.300 | 0.322 | 0.029 |
| 80 | 0.413 | 0.523 | 0.002 |
| 29 | 0.345 | 0.543 | 0.003 |
| 62 | 0.323 | 0.391 | 0.014 |
| 32 | 0.375 | 0.398 | 0.014 |
| 214 | 0.355 | 0.478 | 0.005 |
| 57 | 0.281 | 0.394 | 0.011 |
| 107 | 0.402 | 0.498 | 0.003 |
| 71 | 0.352 | 0.562 | 0.001 |
| 54 | 0.630 | 0.626 | 0.001 |
| 45 | 0.378 | 0.468 | 0.006 |
| 39 | 0.513 | 0.455 | 0.005 |
| 68 | 0.279 | 0.323 | 0.026 |
| 28 | 0.357 | 0.408 | 0.007 |
| 23 | 0.565 | 0.670 | 0.001 |
| 29 | 0.345 | 0.385 | 0.014 |
| 26 | 0.538 | 0.522 | 0.003 |
| 28 | 0.393 | 0.476 | 0.009 |
| 41 | 0.317 | 0.421 | 0.011 |
| 24 | 0.583 | 0.496 | 0.003 |
| 32 | 0.469 | 0.579 | 0.001 |
| 24 | 0.458 | 0.692 | 0.000 |
| 63 | 0.397 | 0.428 | 0.008 |
| 34 | 0.294 | 0.360 | 0.029 |
| 42 | 0.452 | 0.492 | 0.001 |
| 50 | 0.520 | 0.425 | 0.004 |
| 38 | 0.316 | 0.391 | 0.017 |
| 66 | 0.364 | 0.389 | 0.010 |
| 37 | 0.459 | 0.365 | 0.024 |
| 46 | 0.478 | 0.490 | 0.003 |
| 35 | 0.286 | 0.443 | 0.004 |
| 104 | 0.385 | 0.481 | 0.006 |
| 34 | 0.294 | 0.370 | 0.021 |
| 39 | 0.333 | 0.487 | 0.005 |
| 19 | 0.789 | 0.502 | 0.002 |
| 24 | 0.500 | 0.504 | 0.005 |
| 99 | 0.505 | 0.563 | 0.000 |
| 35 | 0.714 | 0.554 | 0.000 |
| 37 | 0.459 | 0.516 | 0.003 |
| 52 | 0.308 | 0.438 | 0.008 |
| 54 | 0.463 | 0.483 | 0.003 |
| 37 | 0.270 | 0.352 | 0.028 |
| 93 | 0.366 | 0.435 | 0.015 |
| 32 | 0.375 | 0.465 | 0.011 |
| 76 | 0.421 | 0.494 | 0.003 |
| 20 | 0.550 | 0.515 | 0.002 |

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|-----|-------|-------|-------|
| 37 | 0.270 | 0.392 | 0.007 |
| 18 | 0.944 | 0.620 | 0.000 |
| 40 | 0.350 | 0.505 | 0.004 |
| 65 | 0.338 | 0.463 | 0.002 |
| 64 | 0.297 | 0.411 | 0.006 |
| 82 | 0.439 | 0.496 | 0.004 |
| 43 | 0.419 | 0.457 | 0.009 |
| 16 | 0.688 | 0.480 | 0.008 |
| 109 | 0.624 | 0.604 | 0.001 |
| 91 | 0.330 | 0.390 | 0.017 |
| 57 | 0.316 | 0.469 | 0.006 |
| 31 | 0.387 | 0.420 | 0.012 |
| 31 | 0.355 | 0.385 | 0.012 |
| 72 | 0.250 | 0.409 | 0.009 |
| 37 | 0.459 | 0.475 | 0.000 |
| 15 | 0.867 | 0.566 | 0.000 |
| 55 | 0.527 | 0.515 | 0.002 |
| 54 | 0.407 | 0.400 | 0.015 |
| 51 | 0.275 | 0.395 | 0.015 |
| 51 | 0.392 | 0.435 | 0.007 |
| 41 | 0.439 | 0.451 | 0.004 |
| 21 | 0.571 | 0.508 | 0.004 |
| 21 | 0.571 | 0.484 | 0.007 |
| 48 | 0.271 | 0.410 | 0.009 |
| 35 | 0.314 | 0.464 | 0.006 |
| 41 | 0.341 | 0.492 | 0.003 |
| 39 | 0.359 | 0.586 | 0.000 |
| 35 | 0.343 | 0.435 | 0.002 |
| 43 | 0.419 | 0.465 | 0.004 |
| 43 | 0.395 | 0.403 | 0.015 |
| 60 | 0.267 | 0.371 | 0.023 |
| 48 | 0.417 | 0.374 | 0.009 |
| 67 | 0.313 | 0.499 | 0.005 |
| 36 | 0.306 | 0.402 | 0.016 |
| 39 | 0.359 | 0.419 | 0.010 |
| 24 | 0.583 | 0.506 | 0.001 |
| 44 | 0.341 | 0.424 | 0.006 |
| 47 | 0.298 | 0.392 | 0.013 |
| 42 | 0.357 | 0.436 | 0.007 |
| 40 | 0.500 | 0.508 | 0.001 |
| 21 | 0.619 | 0.549 | 0.003 |
| 81 | 0.395 | 0.554 | 0.000 |
| 48 | 0.313 | 0.448 | 0.002 |
| 94 | 0.351 | 0.563 | 0.001 |
| 41 | 0.293 | 0.457 | 0.005 |
| 21 | 0.476 | 0.518 | 0.005 |
| 36 | 0.278 | 0.409 | 0.013 |
| 67 | 0.403 | 0.486 | 0.005 |
| 34 | 0.294 | 0.462 | 0.002 |
| 26 | 0.423 | 0.517 | 0.004 |
| 133 | 0.353 | 0.462 | 0.008 |
| 187 | 0.422 | 0.473 | 0.003 |

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|-----|-------|-------|-------|
| 61 | 0.328 | 0.480 | 0.006 |
| 32 | 0.313 | 0.510 | 0.003 |
| 56 | 0.321 | 0.413 | 0.010 |
| 162 | 0.340 | 0.486 | 0.000 |
| 45 | 0.289 | 0.383 | 0.012 |
| 34 | 0.294 | 0.393 | 0.014 |
| 134 | 0.358 | 0.424 | 0.006 |
| 24 | 0.708 | 0.732 | 0.000 |
| 43 | 0.953 | 0.703 | 0.000 |
| 23 | 0.565 | 0.500 | 0.007 |
| 38 | 0.289 | 0.364 | 0.019 |
| 39 | 0.333 | 0.463 | 0.004 |
| 33 | 0.424 | 0.466 | 0.008 |
| 11 | 1.000 | 0.534 | 0.001 |
| 51 | 0.275 | 0.467 | 0.003 |
| 59 | 0.373 | 0.454 | 0.003 |
| 32 | 0.313 | 0.320 | 0.031 |
| 79 | 0.392 | 0.566 | 0.002 |
| 54 | 0.407 | 0.627 | 0.000 |
| 65 | 0.477 | 0.478 | 0.004 |
| 101 | 0.317 | 0.380 | 0.015 |
| 57 | 0.281 | 0.468 | 0.003 |
| 38 | 0.342 | 0.497 | 0.001 |
| 160 | 0.375 | 0.522 | 0.002 |
| 37 | 0.541 | 0.481 | 0.000 |
| 47 | 0.319 | 0.484 | 0.004 |
| 114 | 0.535 | 0.519 | 0.003 |
| 39 | 0.333 | 0.529 | 0.003 |
| 36 | 0.389 | 0.455 | 0.008 |
| 140 | 0.479 | 0.573 | 0.002 |
| 65 | 0.262 | 0.478 | 0.007 |
| 27 | 0.407 | 0.479 | 0.002 |
| 39 | 0.333 | 0.463 | 0.006 |
| 28 | 0.536 | 0.472 | 0.005 |
| 38 | 0.395 | 0.403 | 0.011 |
| 23 | 0.565 | 0.524 | 0.000 |
| 41 | 0.293 | 0.481 | 0.003 |
| 122 | 0.418 | 0.439 | 0.001 |
| 27 | 0.519 | 0.617 | 0.001 |
| 29 | 0.379 | 0.500 | 0.004 |
| 40 | 0.300 | 0.326 | 0.037 |
| 42 | 0.310 | 0.368 | 0.016 |
| 34 | 0.559 | 0.554 | 0.001 |
| 42 | 0.357 | 0.519 | 0.002 |
| 20 | 0.550 | 0.527 | 0.002 |
| 35 | 0.343 | 0.442 | 0.005 |
| 18 | 0.778 | 0.526 | 0.001 |
| 41 | 0.293 | 0.440 | 0.004 |
| 98 | 0.408 | 0.543 | 0.001 |
| 76 | 0.289 | 0.438 | 0.010 |
| 59 | 0.322 | 0.351 | 0.014 |
| 73 | 0.370 | 0.429 | 0.008 |

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|-----|-------|-------|-------|
| 56 | 0.536 | 0.649 | 0.000 |
| 35 | 0.286 | 0.296 | 0.038 |
| 42 | 0.357 | 0.419 | 0.007 |
| 40 | 0.325 | 0.410 | 0.014 |
| 18 | 0.556 | 0.473 | 0.011 |
| 281 | 0.448 | 0.600 | 0.000 |
| 109 | 0.431 | 0.565 | 0.001 |
| 71 | 0.479 | 0.521 | 0.000 |
| 25 | 0.440 | 0.465 | 0.002 |
| 34 | 0.471 | 0.501 | 0.002 |
| 37 | 0.405 | 0.563 | 0.003 |
| 52 | 0.346 | 0.480 | 0.003 |
| 39 | 0.282 | 0.353 | 0.015 |
| 48 | 0.292 | 0.430 | 0.008 |
| 56 | 0.357 | 0.515 | 0.005 |
| 252 | 0.417 | 0.506 | 0.001 |
| 40 | 0.575 | 0.566 | 0.002 |
| 36 | 0.278 | 0.447 | 0.005 |
| 55 | 0.400 | 0.432 | 0.007 |
| 36 | 0.278 | 0.384 | 0.013 |
| 18 | 0.611 | 0.461 | 0.007 |
| 33 | 0.303 | 0.413 | 0.013 |
| 48 | 0.583 | 0.618 | 0.001 |
| 51 | 0.333 | 0.615 | 0.000 |
| 56 | 0.357 | 0.466 | 0.001 |
| 22 | 0.636 | 0.501 | 0.003 |
| 40 | 0.300 | 0.429 | 0.002 |
| 24 | 0.542 | 0.531 | 0.000 |
| 33 | 0.333 | 0.392 | 0.009 |
| 63 | 0.317 | 0.433 | 0.007 |
| 17 | 0.765 | 0.517 | 0.000 |
| 26 | 0.385 | 0.502 | 0.002 |
| 23 | 0.652 | 0.596 | 0.000 |
| 79 | 0.468 | 0.444 | 0.006 |
| 66 | 0.318 | 0.428 | 0.012 |
| 42 | 0.476 | 0.483 | 0.002 |
| 49 | 0.388 | 0.388 | 0.012 |
| 45 | 0.489 | 0.516 | 0.001 |
| 74 | 0.311 | 0.471 | 0.005 |
| 24 | 0.833 | 0.502 | 0.004 |
| 67 | 0.269 | 0.467 | 0.003 |
| 47 | 0.426 | 0.427 | 0.006 |
| 58 | 0.241 | 0.492 | 0.005 |
| 108 | 0.509 | 0.525 | 0.005 |
| 21 | 0.762 | 0.651 | 0.000 |
| 41 | 0.268 | 0.400 | 0.010 |
| 36 | 0.278 | 0.577 | 0.000 |
| 50 | 0.300 | 0.303 | 0.031 |
| 47 | 0.404 | 0.514 | 0.002 |
| 23 | 0.435 | 0.443 | 0.002 |
| 225 | 0.391 | 0.661 | 0.001 |
| 37 | 0.297 | 0.497 | 0.002 |

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|-----|-------|-------|-------|
| 34 | 0.500 | 0.490 | 0.005 |
| 52 | 0.808 | 0.568 | 0.001 |
| 37 | 0.270 | 0.396 | 0.011 |
| 25 | 0.640 | 0.510 | 0.001 |
| 45 | 0.333 | 0.403 | 0.010 |
| 36 | 0.278 | 0.546 | 0.002 |
| 39 | 0.333 | 0.377 | 0.013 |
| 40 | 0.350 | 0.306 | 0.042 |
| 14 | 0.714 | 0.557 | 0.002 |
| 34 | 0.382 | 0.539 | 0.004 |
| 104 | 0.385 | 0.506 | 0.001 |
| 23 | 0.783 | 0.563 | 0.001 |
| 41 | 0.390 | 0.472 | 0.002 |
| 39 | 0.308 | 0.453 | 0.005 |
| 45 | 0.422 | 0.465 | 0.003 |
| 32 | 0.375 | 0.519 | 0.002 |
| 101 | 0.386 | 0.434 | 0.005 |
| 95 | 0.358 | 0.405 | 0.002 |
| 40 | 0.525 | 0.545 | 0.000 |
| 60 | 0.250 | 0.449 | 0.005 |
| 126 | 0.333 | 0.498 | 0.003 |
| 60 | 0.350 | 0.367 | 0.010 |
| 24 | 0.417 | 0.512 | 0.000 |
| 41 | 0.293 | 0.407 | 0.008 |
| 21 | 0.476 | 0.591 | 0.000 |
| 25 | 0.640 | 0.482 | 0.004 |
| 52 | 0.288 | 0.379 | 0.008 |
| 30 | 0.367 | 0.431 | 0.004 |
| 36 | 0.278 | 0.415 | 0.005 |
| 58 | 0.397 | 0.514 | 0.001 |
| 21 | 0.619 | 0.590 | 0.000 |
| 27 | 0.481 | 0.563 | 0.000 |
| 87 | 0.345 | 0.448 | 0.006 |
| 89 | 0.652 | 0.610 | 0.000 |
| 40 | 0.275 | 0.460 | 0.002 |
| 26 | 0.500 | 0.406 | 0.004 |
| 39 | 0.538 | 0.537 | 0.000 |
| 52 | 0.269 | 0.442 | 0.002 |
| 154 | 0.338 | 0.474 | 0.001 |
| 28 | 0.464 | 0.526 | 0.000 |
| 15 | 0.733 | 0.622 | 0.000 |
| 32 | 0.313 | 0.468 | 0.001 |
| 33 | 0.424 | 0.453 | 0.006 |
| 33 | 0.545 | 0.423 | 0.003 |
| 37 | 0.270 | 0.375 | 0.007 |
| 35 | 0.314 | 0.438 | 0.004 |
| 35 | 0.486 | 0.451 | 0.002 |
| 36 | 0.389 | 0.378 | 0.012 |
| 62 | 0.419 | 0.517 | 0.001 |
| 31 | 0.355 | 0.453 | 0.001 |
| 46 | 0.304 | 0.486 | 0.002 |
| 36 | 0.306 | 0.470 | 0.000 |

| het-ratio (Chn/Eur) | het-ratio p-value | Eur_LRHtest_# of HapMap SNPs within region |
|---------------------|-------------------|--|
| 0.662 | 0.131 | 19 |
| 1.574 | 0.972 | 42 |
| 7.628 | 1.000 | 36 |
| 3.993 | 0.998 | 63 |
| 0.804 | 0.274 | 48 |
| 0.906 | 0.435 | 16 |
| 1.180 | 0.819 | 11 |
| 0.418 | 0.032 | 20 |
| 1.143 | 0.808 | 9 |
| 0.128 | 0.008 | 0 |
| 0.131 | 0.004 | 55 |
| 0.351 | 0.024 | 0 |
| 1.046 | 0.669 | 12 |
| 0.207 | 0.004 | 39 |
| 1.409 | 0.949 | 45 |
| 0.647 | 0.109 | 19 |
| 0.512 | 0.060 | 30 |
| 0.391 | 0.033 | 20 |
| 1.064 | 0.703 | 13 |
| 1.594 | 0.982 | 55 |
| 0.540 | 0.068 | 15 |
| 0.949 | 0.515 | 13 |
| 2.126 | 0.992 | 30 |
| 0.836 | 0.323 | 0 |
| 1.395 | 0.913 | 7 |
| 1.763 | 0.986 | 18 |
| 0.403 | 0.027 | 15 |
| 0.459 | 0.040 | 10 |
| 0.159 | 0.007 | 11 |
| 1.028 | 0.686 | 25 |
| 1.211 | 0.864 | 18 |
| 0.729 | 0.189 | 6 |
| 1.324 | 0.919 | 33 |
| 0.835 | 0.304 | 56 |
| 0.394 | 0.016 | 63 |
| 0.388 | 0.028 | 22 |
| 0.223 | 0.008 | 29 |
| 1.003 | 0.606 | 11 |
| 0.588 | 0.061 | 25 |
| 0.662 | 0.163 | 33 |
| 1.135 | 0.838 | 64 |
| 0.722 | 0.144 | 37 |
| 0.927 | 0.479 | 12 |
| 1.078 | 0.742 | 6 |
| 4.561 | 0.999 | 28 |
| 1.560 | 0.960 | 20 |
| 0.168 | 0.007 | 13 |
| 0.992 | 0.597 | 12 |
| 0.728 | 0.185 | 20 |
| 3.825 | 0.997 | 17 |
| 2.515 | 0.992 | 33 |

| | | |
|-------|-------|----|
| 1.184 | 0.872 | 19 |
| 0.393 | 0.038 | 0 |
| 1.009 | 0.636 | 73 |
| 1.545 | 0.972 | 0 |
| 0.538 | 0.071 | 0 |
| 0.048 | 0.001 | 14 |
| 0.254 | 0.007 | 9 |
| 1.480 | 0.915 | 3 |
| 1.703 | 0.982 | 42 |
| 0.371 | 0.007 | 97 |
| 0.735 | 0.182 | 32 |
| 0.609 | 0.099 | 26 |
| 0.781 | 0.237 | 12 |
| 0.911 | 0.456 | 13 |
| 2.700 | 0.991 | 22 |
| 1.531 | 0.964 | 20 |
| 0.675 | 0.114 | 49 |
| 0.201 | 0.007 | 12 |
| 1.068 | 0.748 | 14 |
| 0.957 | 0.535 | 22 |
| 0.507 | 0.056 | 10 |
| 0.222 | 0.007 | 22 |
| 1.670 | 0.978 | 19 |
| 0.249 | 0.012 | 9 |
| 1.036 | 0.681 | 30 |
| 0.426 | 0.048 | 5 |
| 1.377 | 0.932 | 17 |
| 1.130 | 0.816 | 18 |
| 0.227 | 0.012 | 35 |
| 0.304 | 0.020 | 11 |
| 1.146 | 0.837 | 24 |
| 1.176 | 0.849 | 22 |
| 0.110 | 0.004 | 44 |
| 0.379 | 0.024 | 20 |
| 1.764 | 0.967 | 12 |
| 1.199 | 0.848 | 42 |
| 0.465 | 0.045 | 18 |
| 2.058 | 0.984 | 19 |
| 3.474 | 0.994 | 8 |
| 0.890 | 0.417 | 8 |
| 0.667 | 0.136 | 14 |
| 0.683 | 0.153 | 17 |
| 0.278 | 0.021 | 0 |
| 1.135 | 0.782 | 18 |
| 1.047 | 0.681 | 7 |
| 0.639 | 0.120 | 34 |
| 0.270 | 0.008 | 8 |
| 0.698 | 0.162 | 8 |
| 0.911 | 0.455 | 43 |
| 0.887 | 0.404 | 17 |
| 1.050 | 0.694 | 11 |
| 0.822 | 0.298 | 18 |

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|--------|-------|-----|
| 1.692 | 0.962 | 7 |
| 2.095 | 0.987 | 22 |
| 1.722 | 0.962 | 3 |
| 2.037 | 0.986 | 15 |
| 0.764 | 0.204 | 30 |
| 3.790 | 0.999 | 32 |
| 1.015 | 0.638 | 12 |
| 0.215 | 0.005 | 30 |
| 1.433 | 0.917 | 8 |
| 1.539 | 0.962 | 28 |
| 2.429 | 0.990 | 6 |
| 0.262 | 0.003 | 112 |
| 0.615 | 0.088 | 19 |
| 0.437 | 0.022 | 26 |
| 0.176 | 0.006 | 35 |
| 2.258 | 0.992 | 0 |
| 0.274 | 0.013 | 17 |
| 1.843 | 0.977 | 14 |
| 0.908 | 0.438 | 20 |
| 0.650 | 0.140 | 7 |
| 0.075 | 0.004 | 4 |
| 0.510 | 0.069 | 14 |
| 0.905 | 0.444 | 3 |
| 0.910 | 0.442 | 14 |
| 1.784 | 0.974 | 24 |
| 0.524 | 0.077 | 3 |
| 1.074 | 0.721 | 35 |
| 56.264 | 1.000 | 0 |
| 1.513 | 0.962 | 33 |
| 0.457 | 0.044 | 12 |
| 0.525 | 0.060 | 19 |
| 1.059 | 0.719 | 19 |
| 0.971 | 0.563 | 7 |
| 0.520 | 0.051 | 45 |
| 1.666 | 0.968 | 9 |
| 1.025 | 0.661 | 23 |
| 1.081 | 0.734 | 11 |
| 0.831 | 0.285 | 55 |
| 1.031 | 0.660 | 11 |
| 0.789 | 0.252 | 22 |
| 3.216 | 0.991 | 4 |
| 0.495 | 0.064 | 9 |
| 0.259 | 0.006 | 45 |
| 0.096 | 0.005 | 17 |
| 1.282 | 0.891 | 8 |
| 0.553 | 0.065 | 21 |
| 0.544 | 0.061 | 44 |
| 1.279 | 0.890 | 11 |
| 1.081 | 0.773 | 53 |
| 2.070 | 0.983 | 19 |
| 0.359 | 0.016 | 28 |
| 0.944 | 0.508 | 6 |

| | | |
|-------|-------|-----|
| 0.702 | 0.161 | 27 |
| 0.841 | 0.349 | 8 |
| 0.944 | 0.510 | 15 |
| 1.073 | 0.754 | 24 |
| 0.809 | 0.259 | 36 |
| 0.462 | 0.034 | 38 |
| 2.554 | 0.993 | 28 |
| 6.018 | 0.998 | 2 |
| 0.113 | 0.002 | 103 |
| 0.601 | 0.074 | 59 |
| 0.294 | 0.013 | 46 |
| 1.221 | 0.847 | 12 |
| 1.561 | 0.947 | 13 |
| 1.242 | 0.895 | 40 |
| 2.802 | 0.996 | 9 |
| 5.566 | 0.996 | 2 |
| 1.014 | 0.645 | 9 |
| 0.659 | 0.116 | 6 |
| 0.810 | 0.268 | 0 |
| 0.784 | 0.232 | 0 |
| 0.887 | 0.406 | 0 |
| 6.993 | 0.999 | 9 |
| 0.504 | 0.071 | 7 |
| 0.813 | 0.282 | 13 |
| 0.865 | 0.377 | 12 |
| 0.768 | 0.225 | 6 |
| 0.790 | 0.255 | 15 |
| 1.518 | 0.945 | 12 |
| 1.421 | 0.937 | 13 |
| 0.634 | 0.105 | 32 |
| 0.996 | 0.624 | 47 |
| 0.700 | 0.154 | 20 |
| 0.050 | 0.001 | 11 |
| 0.940 | 0.509 | 26 |
| 0.546 | 0.071 | 28 |
| 0.631 | 0.134 | 11 |
| 0.463 | 0.043 | 23 |
| 0.750 | 0.206 | 26 |
| 1.625 | 0.960 | 16 |
| 7.687 | 1.000 | 12 |
| 3.747 | 0.995 | 14 |
| 0.521 | 0.042 | 45 |
| 0.975 | 0.570 | 50 |
| 0.630 | 0.085 | 63 |
| 1.373 | 0.924 | 44 |
| 0.306 | 0.025 | 8 |
| 0.788 | 0.259 | 22 |
| 0.539 | 0.053 | 45 |
| 0.746 | 0.208 | 23 |
| 1.495 | 0.929 | 19 |
| 0.627 | 0.068 | 84 |
| 0.475 | 0.016 | 119 |

| | | |
|-------|-------|-----|
| 1.513 | 0.961 | 53 |
| 0.853 | 0.356 | 20 |
| 0.492 | 0.045 | 30 |
| 0.561 | 0.033 | 113 |
| 1.013 | 0.646 | 46 |
| 0.973 | 0.558 | 28 |
| 1.170 | 0.884 | 123 |
| 3.888 | 0.997 | 0 |
| 0.016 | 0.001 | 0 |
| 0.524 | 0.082 | 14 |
| 0.903 | 0.441 | 25 |
| 0.905 | 0.442 | 19 |
| 0.640 | 0.116 | 11 |
| 0.206 | 0.024 | 12 |
| 0.671 | 0.124 | 26 |
| 0.618 | 0.097 | 16 |
| 0.494 | 0.056 | 3 |
| 0.529 | 0.042 | 44 |
| 1.970 | 0.986 | 36 |
| 1.797 | 0.980 | 16 |
| 0.511 | 0.034 | 26 |
| 0.601 | 0.080 | 16 |
| 0.208 | 0.009 | 9 |
| 0.278 | 0.004 | 66 |
| 1.175 | 0.833 | 30 |
| 0.246 | 0.010 | 30 |
| 0.196 | 0.003 | 89 |
| 1.127 | 0.789 | 9 |
| 0.226 | 0.012 | 18 |
| 0.537 | 0.037 | 66 |
| 0.659 | 0.111 | 30 |
| 1.452 | 0.925 | 8 |
| 0.556 | 0.075 | 11 |
| 0.494 | 0.060 | 11 |
| 0.433 | 0.039 | 8 |
| 2.142 | 0.978 | 11 |
| 1.327 | 0.912 | 6 |
| 0.695 | 0.119 | 54 |
| 0.878 | 0.394 | 15 |
| 1.051 | 0.684 | 12 |
| 0.372 | 0.023 | 8 |
| 0.636 | 0.115 | 23 |
| 0.691 | 0.160 | 24 |
| 0.571 | 0.079 | 14 |
| 0.515 | 0.081 | 10 |
| 1.325 | 0.900 | 14 |
| 0.311 | 0.028 | 10 |
| 0.799 | 0.266 | 19 |
| 0.752 | 0.170 | 57 |
| 0.968 | 0.565 | 17 |
| 1.203 | 0.866 | 23 |
| 0.479 | 0.040 | 27 |

| | | |
|--------|-------|-----|
| 0.929 | 0.483 | 29 |
| 1.136 | 0.791 | 15 |
| 1.069 | 0.732 | 32 |
| 0.656 | 0.119 | 33 |
| 0.122 | 0.007 | 6 |
| 1.444 | 0.988 | 199 |
| 0.493 | 0.030 | 59 |
| 0.167 | 0.006 | 23 |
| 0.949 | 0.520 | 7 |
| 1.383 | 0.922 | 21 |
| 0.534 | 0.066 | 8 |
| 0.929 | 0.483 | 20 |
| 1.091 | 0.749 | 10 |
| 0.674 | 0.131 | 13 |
| 0.370 | 0.022 | 27 |
| 0.313 | 0.003 | 138 |
| 4.956 | 0.999 | 4 |
| 0.670 | 0.137 | 15 |
| 2.084 | 0.987 | 12 |
| 1.148 | 0.805 | 4 |
| 3.500 | 0.993 | 3 |
| 0.682 | 0.150 | 20 |
| 2.894 | 0.996 | 36 |
| 3.620 | 0.998 | 12 |
| 1.013 | 0.652 | 23 |
| 1.813 | 0.961 | 7 |
| 0.942 | 0.506 | 17 |
| 0.488 | 0.063 | 6 |
| 0.623 | 0.105 | 8 |
| 0.990 | 0.614 | 33 |
| 0.618 | 0.144 | 2 |
| 0.811 | 0.307 | 20 |
| 3.051 | 0.993 | 11 |
| 0.156 | 0.004 | 37 |
| 0.753 | 0.194 | 30 |
| 0.620 | 0.105 | 23 |
| 1.602 | 0.965 | 21 |
| 1.106 | 0.774 | 16 |
| 0.269 | 0.009 | 61 |
| 0.649 | 0.144 | 1 |
| 0.307 | 0.011 | 30 |
| 0.352 | 0.020 | 36 |
| 0.830 | 0.301 | 0 |
| 0.696 | 0.127 | 39 |
| 1.217 | 0.831 | 2 |
| 1.674 | 0.968 | 10 |
| 10.178 | 1.000 | 8 |
| 0.633 | 0.109 | 26 |
| 1.143 | 0.812 | 22 |
| 1.420 | 0.912 | 4 |
| 0.089 | 0.000 | 142 |
| 0.376 | 0.027 | 16 |

| | | |
|-------|-------|----|
| 1.000 | 0.608 | 33 |
| 0.993 | 0.609 | 10 |
| 0.829 | 0.312 | 27 |
| 0.827 | 0.321 | 8 |
| 0.586 | 0.080 | 12 |
| 0.307 | 0.018 | 9 |
| 1.057 | 0.704 | 15 |
| 1.399 | 0.923 | 14 |
| 0.354 | 0.044 | 3 |
| 0.204 | 0.009 | 13 |
| 1.078 | 0.792 | 56 |
| 0.794 | 0.286 | 6 |
| 0.913 | 0.448 | 14 |
| 1.236 | 0.866 | 10 |
| 0.506 | 0.054 | 28 |
| 2.239 | 0.987 | 4 |
| 0.393 | 0.016 | 5 |
| 0.281 | 0.008 | 0 |
| 0.479 | 0.044 | 38 |
| 0.462 | 0.034 | 34 |
| 0.134 | 0.001 | 67 |
| 1.327 | 0.929 | 14 |
| 4.388 | 0.998 | 7 |
| 1.086 | 0.746 | 32 |
| 0.133 | 0.008 | 17 |
| 0.161 | 0.010 | 32 |
| 1.271 | 0.899 | 30 |
| 1.174 | 0.814 | 16 |
| 0.759 | 0.223 | 28 |
| 0.201 | 0.008 | 37 |
| 1.631 | 0.945 | 7 |
| 0.904 | 0.436 | 12 |
| 0.946 | 0.516 | 23 |
| 0.580 | 0.062 | 30 |
| 1.584 | 0.955 | 17 |
| 0.926 | 0.478 | 13 |
| 2.003 | 0.983 | 18 |
| 3.074 | 0.997 | 17 |
| 0.499 | 0.024 | 96 |
| 1.939 | 0.973 | 12 |
| 2.254 | 0.979 | 6 |
| 0.958 | 0.526 | 4 |
| 0.775 | 0.241 | 22 |
| 1.064 | 0.708 | 14 |
| 1.307 | 0.902 | 23 |
| 1.225 | 0.853 | 14 |
| 0.944 | 0.512 | 14 |
| 0.805 | 0.280 | 26 |
| 0.485 | 0.043 | 22 |
| 0.350 | 0.026 | 11 |
| 0.882 | 0.396 | 54 |
| 0.872 | 0.387 | 18 |

| Eur_LRHtest_# of extreme SNPs | Eur_LRHtest_proportion of extreme SNPs | Eur_LRHtest_p-value |
|-------------------------------|--|---------------------|
| 0 | 0 | |
| 3 | 0.071428571 | 0.183 |
| 25 | 0.694444444 | 0.010 |
| 24 | 0.380952381 | 0.037 |
| 6 | 0.125 | 0.132 |
| 0 | 0 | |
| 0 | 0 | |
| 1 | 0.05 | |
| 0 | 0 | |
| 0 | NA | |
| 0 | 0 | |
| 0 | NA | |
| 0 | 0 | |
| 0 | 0 | |
| 0 | 0 | |
| 1 | 0.052631579 | 0.217 |
| 0 | 0 | |
| 0 | 0 | |
| 1 | 0.076923077 | 0.194 |
| 17 | 0.309090909 | 0.057 |
| 0 | 0 | |
| 0 | 0 | |
| 0 | 0 | |
| 0 | NA | |
| 0 | 0 | |
| 0 | 0 | |
| 1 | 0.066666667 | 0.200 |
| 0 | 0 | |
| 0 | 0 | |
| 12 | 0.48 | 0.018 |
| 1 | 0.055555556 | 0.222 |
| 0 | 0 | |
| 0 | 0 | |
| 0 | 0 | |
| 1 | 0.015873016 | |
| 0 | 0 | |
| 1 | 0.034482759 | |
| 5 | 0.454545455 | 0.018 |
| 0 | 0 | |
| 0 | 0 | |
| 0 | 0 | |
| 1 | 0.027027027 | |
| 0 | 0 | |
| 0 | 0 | |
| 1 | 0.035714286 | |
| 0 | 0 | |
| 0 | 0 | |
| 0 | 0 | |
| 0 | 0 | |
| 4 | 0.235294118 | 0.059 |
| 7 | 0.212121212 | 0.068 |

| | | |
|----|-------------|-------|
| 3 | 0.157894737 | 0.099 |
| 0 | NA | |
| 24 | 0.328767123 | 0.042 |
| 0 | NA | |
| 0 | NA | |
| 0 | 0 | |
| 0 | 0 | |
| 0 | 0 | |
| 2 | 0.047619048 | |
| 7 | 0.072164948 | 0.192 |
| 29 | 0.90625 | 0.001 |
| 0 | 0 | |
| 4 | 0.333333333 | 0.046 |
| 0 | 0 | |
| 2 | 0.090909091 | 0.198 |
| 0 | 0 | |
| 13 | 0.265306122 | 0.055 |
| 0 | 0 | |
| 1 | 0.071428571 | 0.226 |
| 7 | 0.318181818 | 0.036 |
| 1 | 0.1 | 0.162 |
| 2 | 0.090909091 | 0.173 |
| 0 | 0 | |
| 0 | 0 | |
| 0 | 0 | |
| 0 | 0 | |
| 1 | 0.058823529 | 0.228 |
| 0 | 0 | |
| 1 | 0.028571429 | |
| 0 | 0 | |
| 0 | 0 | |
| 2 | 0.090909091 | 0.181 |
| 6 | 0.136363636 | 0.146 |
| 0 | 0 | |
| 0 | 0 | |
| 0 | 0 | |
| 0 | 0 | |
| 0 | 0 | |
| 0 | 0 | |
| 3 | 0.375 | 0.024 |
| 5 | 0.357142857 | 0.027 |
| 5 | 0.294117647 | 0.033 |
| 0 | NA | |
| 0 | 0 | |
| 0 | 0 | |
| 0 | 0 | |
| 0 | 0 | |
| 0 | 0 | |
| 0 | 0 | |
| 0 | 0 | |
| 0 | 0 | |
| 2 | 0.111111111 | 0.139 |

| | | |
|----|-------------|-------|
| 0 | 0 | |
| 10 | 0.454545455 | 0.016 |
| 0 | 0 | |
| 8 | 0.533333333 | 0.014 |
| 5 | 0.166666667 | 0.117 |
| 0 | 0 | |
| 0 | 0 | |
| 0 | 0 | |
| 0 | 0 | |
| 0 | 0 | |
| 2 | 0.333333333 | 0.032 |
| 4 | 0.035714286 | |
| 7 | 0.368421053 | 0.016 |
| 1 | 0.038461538 | |
| 0 | 0 | |
| 0 | NA | |
| 0 | 0 | |
| 0 | 0 | |
| 1 | 0.05 | |
| 0 | 0 | |
| 1 | 0.25 | 0.049 |
| 0 | 0 | |
| 3 | 1 | 0.000 |
| 0 | 0 | |
| 0 | 0 | |
| 0 | 0 | |
| 12 | 0.342857143 | 0.027 |
| 0 | NA | |
| 0 | 0 | |
| 6 | 0.5 | 0.016 |
| 3 | 0.157894737 | 0.099 |
| 0 | 0 | |
| 0 | 0 | |
| 1 | 0.022222222 | |
| 1 | 0.111111111 | 0.166 |
| 4 | 0.173913043 | 0.076 |
| 0 | 0 | |
| 4 | 0.072727273 | 0.217 |
| 4 | 0.363636364 | 0.014 |
| 4 | 0.181818182 | 0.067 |
| 0 | 0 | |
| 0 | 0 | |
| 0 | 0 | |
| 1 | 0.058823529 | 0.263 |
| 0 | 0 | |
| 0 | 0 | |
| 9 | 0.204545455 | 0.073 |
| 0 | 0 | |
| 2 | 0.037735849 | |
| 8 | 0.421052632 | 0.019 |
| 0 | 0 | |
| 1 | 0.166666667 | 0.095 |

| | | |
|----|-------------|-------|
| 3 | 0.111111111 | 0.185 |
| 0 | 0 | |
| 0 | 0 | |
| 2 | 0.083333333 | 0.206 |
| 0 | 0 | |
| 9 | 0.236842105 | 0.050 |
| 0 | 0 | |
| 0 | 0 | |
| 0 | 0 | |
| 5 | 0.084745763 | 0.177 |
| 0 | 0 | |
| 1 | 0.083333333 | 0.214 |
| 0 | 0 | |
| 6 | 0.15 | 0.117 |
| 0 | 0 | |
| 0 | 0 | |
| 0 | 0 | |
| 1 | 0.166666667 | 0.095 |
| 0 | NA | |
| 0 | NA | |
| 0 | NA | |
| 5 | 0.555555556 | 0.005 |
| 0 | 0 | |
| 0 | 0 | |
| 0 | 0 | |
| 0 | 0 | |
| 0 | 0 | |
| 0 | 0 | |
| 0 | 0 | |
| 0 | 0 | |
| 0 | 0 | |
| 0 | 0 | |
| 0 | 0 | |
| 0 | 0 | |
| 0 | 0 | |
| 0 | 0 | |
| 2 | 0.086956522 | 0.186 |
| 0 | 0 | |
| 0 | 0 | |
| 0 | 0 | |
| 2 | 0.142857143 | 0.132 |
| 0 | 0 | |
| 6 | 0.12 | 0.163 |
| 5 | 0.079365079 | 0.194 |
| 1 | 0.022727273 | |
| 0 | 0 | |
| 0 | 0 | |
| 0 | 0 | |
| 1 | 0.043478261 | |
| 2 | 0.105263158 | 0.170 |
| 24 | 0.285714286 | 0.042 |
| 61 | 0.512605042 | 0.007 |

| | | |
|----|-------------|-------|
| 11 | 0.20754717 | 0.067 |
| 1 | 0.05 | |
| 2 | 0.066666667 | 0.216 |
| 3 | 0.026548673 | |
| 0 | 0 | |
| 4 | 0.142857143 | 0.123 |
| 12 | 0.097560976 | 0.163 |
| 0 | NA | |
| 0 | NA | |
| 0 | 0 | |
| 1 | 0.04 | |
| 0 | 0 | |
| 0 | 0 | |
| 0 | 0 | |
| 0 | 0 | |
| 0 | 0 | |
| 0 | 0 | |
| 0 | 0 | |
| 3 | 0.083333333 | 0.184 |
| 3 | 0.1875 | 0.077 |
| 1 | 0.038461538 | |
| 1 | 0.0625 | 0.252 |
| 1 | 0.111111111 | 0.151 |
| 6 | 0.090909091 | 0.173 |
| 19 | 0.633333333 | 0.003 |
| 0 | 0 | |
| 41 | 0.460674157 | 0.011 |
| 0 | 0 | |
| 0 | 0 | |
| 3 | 0.045454545 | |
| 0 | 0 | |
| 1 | 0.125 | 0.123 |
| 0 | 0 | |
| 2 | 0.181818182 | 0.100 |
| 0 | 0 | |
| 0 | 0 | |
| 0 | 0 | |
| 0 | 0 | |
| 0 | 0 | |
| 0 | 0 | |
| 1 | 0.125 | 0.120 |
| 1 | 0.043478261 | |
| 13 | 0.541666667 | 0.006 |
| 0 | 0 | |
| 0 | 0 | |
| 1 | 0.071428571 | 0.221 |
| 0 | 0 | |
| 5 | 0.263157895 | 0.022 |
| 8 | 0.140350877 | 0.116 |
| 7 | 0.411764706 | 0.013 |
| 0 | 0 | |
| 0 | 0 | |

| | | |
|----|-------------|-------|
| 0 | 0 | |
| 0 | 0 | |
| 9 | 0.28125 | 0.046 |
| 3 | 0.090909091 | 0.179 |
| 0 | 0 | |
| 28 | 0.140703518 | 0.091 |
| 0 | 0 | |
| 0 | 0 | |
| 0 | 0 | |
| 0 | 0 | |
| 0 | 0 | |
| 0 | 0 | |
| 0 | 0 | |
| 2 | 0.153846154 | 0.113 |
| 0 | 0 | |
| 5 | 0.036231884 | |
| 4 | 1 | 0.000 |
| 0 | 0 | |
| 2 | 0.166666667 | 0.087 |
| 0 | 0 | |
| 0 | 0 | |
| 1 | 0.05 | |
| 0 | 0 | |
| 0 | 0 | |
| 1 | 0.043478261 | |
| 0 | 0 | |
| 0 | 0 | |
| 0 | 0 | |
| 0 | 0 | |
| 9 | 0.272727273 | 0.035 |
| 1 | 0.5 | 0.008 |
| 2 | 0.1 | 0.169 |
| 0 | 0 | |
| 1 | 0.027027027 | |
| 0 | 0 | |
| 0 | 0 | |
| 0 | 0 | |
| 2 | 0.125 | 0.130 |
| 11 | 0.180327869 | 0.070 |
| 0 | 0 | |
| 0 | 0 | |
| 0 | 0 | |
| 0 | NA | |
| 0 | 0 | |
| 0 | 0 | |
| 0 | 0 | |
| 0 | 0 | |
| 1 | 0.038461538 | |
| 7 | 0.318181818 | 0.028 |
| 0 | 0 | |
| 0 | 0 | |
| 1 | 0.0625 | 0.225 |

| | | |
|----|-------------|-------|
| 0 | 0 | |
| 0 | 0 | |
| 0 | 0 | |
| 0 | 0 | |
| 0 | 0 | |
| 0 | 0 | |
| 5 | 0.333333333 | 0.019 |
| 0 | 0 | |
| 0 | 0 | |
| 6 | 0.461538462 | 0.003 |
| 0 | 0 | |
| 0 | 0 | |
| 4 | 0.285714286 | 0.032 |
| 0 | 0 | |
| 0 | 0 | |
| 0 | 0 | |
| 0 | 0 | |
| 0 | NA | |
| 7 | 0.184210526 | 0.064 |
| 0 | 0 | |
| 0 | 0 | |
| 2 | 0.142857143 | 0.094 |
| 2 | 0.285714286 | 0.025 |
| 0 | 0 | |
| 0 | 0 | |
| 6 | 0.1875 | 0.053 |
| 0 | 0 | |
| 0 | 0 | |
| 0 | 0 | |
| 0 | 0 | |
| 4 | 0.571428571 | 0.003 |
| 0 | 0 | |
| 1 | 0.043478261 | |
| 0 | 0 | |
| 5 | 0.294117647 | 0.024 |
| 0 | 0 | |
| 0 | 0 | |
| 0 | 0 | |
| 2 | 0.020833333 | |
| 2 | 0.166666667 | 0.070 |
| 0 | 0 | |
| 0 | 0 | |
| 0 | 0 | |
| 0 | 0 | |
| 10 | 0.434782609 | 0.007 |
| 5 | 0.357142857 | 0.005 |
| 1 | 0.071428571 | 0.210 |
| 0 | 0 | |
| 0 | 0 | |
| 0 | 0 | |
| 0 | 0 | |
| 0 | 0 | |

| Chn_LRHtest_# of HapMap SNPs within region | Chn_LRHtest_# of extreme SNPs |
|--|-------------------------------|
| 18 | 0 |
| 39 | 5 |
| 59 | 9 |
| 84 | 0 |
| 49 | 2 |
| 17 | 0 |
| 14 | 7 |
| 8 | 0 |
| 13 | 1 |
| 0 | 0 |
| 30 | 26 |
| 0 | 0 |
| 12 | 0 |
| 37 | 0 |
| 43 | 13 |
| 17 | 6 |
| 36 | 29 |
| 23 | 3 |
| 12 | 0 |
| 56 | 3 |
| 13 | 7 |
| 16 | 1 |
| 27 | 0 |
| 2 | 0 |
| 9 | 3 |
| 21 | 1 |
| 13 | 0 |
| 11 | 1 |
| 10 | 2 |
| 28 | 1 |
| 15 | 0 |
| 7 | 1 |
| 29 | 14 |
| 57 | 28 |
| 45 | 12 |
| 15 | 13 |
| 20 | 1 |
| 11 | 0 |
| 25 | 1 |
| 34 | 5 |
| 64 | 5 |
| 35 | 3 |
| 12 | 0 |
| 6 | 0 |
| 23 | 3 |
| 18 | 0 |
| 12 | 0 |
| 10 | 0 |
| 13 | 0 |
| 25 | 2 |
| 33 | 0 |

| | |
|----|----|
| 18 | 0 |
| 0 | 0 |
| 53 | 2 |
| 0 | 0 |
| 0 | 0 |
| 6 | 0 |
| 4 | 0 |
| 2 | 0 |
| 43 | 19 |
| 76 | 38 |
| 31 | 0 |
| 22 | 6 |
| 10 | 4 |
| 11 | 3 |
| 24 | 0 |
| 27 | 0 |
| 52 | 11 |
| 8 | 0 |
| 27 | 1 |
| 16 | 2 |
| 5 | 0 |
| 19 | 6 |
| 15 | 0 |
| 9 | 0 |
| 27 | 0 |
| 5 | 1 |
| 13 | 0 |
| 14 | 0 |
| 20 | 15 |
| 4 | 0 |
| 18 | 0 |
| 17 | 1 |
| 18 | 0 |
| 11 | 0 |
| 13 | 0 |
| 31 | 11 |
| 17 | 1 |
| 27 | 0 |
| 5 | 0 |
| 7 | 0 |
| 14 | 2 |
| 19 | 1 |
| 0 | 0 |
| 17 | 0 |
| 7 | 0 |
| 28 | 10 |
| 8 | 3 |
| 8 | 0 |
| 41 | 0 |
| 17 | 0 |
| 10 | 2 |
| 16 | 1 |

| | |
|----|---|
| 8 | 0 |
| 25 | 1 |
| 3 | 0 |
| 12 | 0 |
| 24 | 0 |
| 31 | 0 |
| 12 | 0 |
| 32 | 0 |
| 6 | 0 |
| 21 | 0 |
| 7 | 1 |
| 24 | 0 |
| 19 | 3 |
| 20 | 4 |
| 28 | 7 |
| 0 | 0 |
| 14 | 3 |
| 10 | 0 |
| 11 | 0 |
| 7 | 0 |
| 3 | 1 |
| 11 | 8 |
| 2 | 0 |
| 13 | 0 |
| 21 | 5 |
| 3 | 0 |
| 30 | 1 |
| 0 | 0 |
| 27 | 0 |
| 9 | 0 |
| 17 | 0 |
| 17 | 1 |
| 6 | 0 |
| 23 | 0 |
| 8 | 5 |
| 21 | 0 |
| 10 | 0 |
| 62 | 3 |
| 16 | 2 |
| 13 | 0 |
| 4 | 0 |
| 8 | 0 |
| 42 | 0 |
| 16 | 0 |
| 12 | 0 |
| 19 | 2 |
| 35 | 3 |
| 17 | 1 |
| 64 | 2 |
| 21 | 0 |
| 26 | 1 |
| 7 | 3 |

| | |
|----|----|
| 24 | 3 |
| 8 | 0 |
| 15 | 3 |
| 32 | 17 |
| 39 | 0 |
| 34 | 6 |
| 23 | 0 |
| 2 | 0 |
| 20 | 1 |
| 37 | 0 |
| 27 | 1 |
| 11 | 0 |
| 14 | 0 |
| 51 | 0 |
| 11 | 0 |
| 2 | 0 |
| 12 | 0 |
| 8 | 0 |
| 0 | 0 |
| 0 | 0 |
| 0 | 0 |
| 7 | 0 |
| 2 | 0 |
| 7 | 0 |
| 10 | 0 |
| 5 | 0 |
| 5 | 0 |
| 10 | 0 |
| 13 | 0 |
| 34 | 11 |
| 41 | 14 |
| 18 | 0 |
| 6 | 2 |
| 22 | 2 |
| 17 | 0 |
| 10 | 0 |
| 19 | 6 |
| 24 | 4 |
| 17 | 0 |
| 10 | 0 |
| 10 | 0 |
| 32 | 0 |
| 37 | 5 |
| 60 | 7 |
| 29 | 0 |
| 5 | 0 |
| 19 | 0 |
| 42 | 0 |
| 25 | 7 |
| 20 | 0 |
| 69 | 2 |
| 69 | 0 |

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| 42 | 0 |
| 14 | 0 |
| 22 | 3 |
| 96 | 10 |
| 49 | 1 |
| 27 | 1 |
| 108 | 8 |
| 0 | 0 |
| 0 | 0 |
| 13 | 0 |
| 23 | 1 |
| 14 | 0 |
| 12 | 0 |
| 14 | 1 |
| 22 | 2 |
| 18 | 1 |
| 3 | 0 |
| 48 | 11 |
| 25 | 0 |
| 20 | 8 |
| 20 | 9 |
| 13 | 1 |
| 8 | 1 |
| 60 | 7 |
| 30 | 0 |
| 31 | 19 |
| 93 | 5 |
| 16 | 0 |
| 13 | 5 |
| 49 | 35 |
| 21 | 17 |
| 5 | 0 |
| 6 | 0 |
| 11 | 0 |
| 9 | 0 |
| 9 | 0 |
| 5 | 0 |
| 38 | 10 |
| 15 | 3 |
| 8 | 1 |
| 8 | 3 |
| 16 | 0 |
| 15 | 0 |
| 20 | 0 |
| 7 | 0 |
| 10 | 0 |
| 12 | 0 |
| 14 | 4 |
| 47 | 11 |
| 17 | 4 |
| 14 | 0 |
| 16 | 0 |

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|-----|----|
| 23 | 2 |
| 12 | 0 |
| 35 | 0 |
| 24 | 0 |
| 5 | 0 |
| 238 | 6 |
| 48 | 0 |
| 12 | 3 |
| 6 | 2 |
| 22 | 13 |
| 6 | 0 |
| 21 | 0 |
| 10 | 0 |
| 13 | 0 |
| 27 | 0 |
| 125 | 28 |
| 10 | 0 |
| 15 | 3 |
| 12 | 0 |
| 3 | 0 |
| 8 | 0 |
| 21 | 1 |
| 38 | 1 |
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| 18 | 0 |
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| 27 | 1 |
| 31 | 1 |
| 19 | 2 |
| 16 | 0 |
| 14 | 0 |
| 37 | 2 |
| 1 | 0 |
| 22 | 0 |
| 35 | 9 |
| 0 | 0 |
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| 12 | 3 |
| 22 | 0 |
| 26 | 0 |
| 23 | 4 |
| 3 | 0 |
| 97 | 35 |
| 12 | 2 |

| | |
|----|----|
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| 18 | 0 |
| 6 | 0 |
| 12 | 0 |
| 9 | 0 |
| 12 | 0 |
| 15 | 1 |
| 3 | 0 |
| 8 | 8 |
| 47 | 13 |
| 4 | 1 |
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| 9 | 0 |
| 12 | 0 |
| 8 | 0 |
| 4 | 0 |
| 0 | 0 |
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| 12 | 1 |
| 6 | 0 |
| 33 | 0 |
| 14 | 0 |
| 5 | 0 |
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| 19 | 1 |
| 24 | 0 |
| 33 | 9 |
| 5 | 0 |
| 8 | 0 |
| 15 | 0 |
| 25 | 8 |
| 23 | 0 |
| 12 | 2 |
| 15 | 0 |
| 17 | 1 |
| 78 | 6 |
| 6 | 0 |
| 4 | 0 |
| 5 | 0 |
| 16 | 0 |
| 14 | 0 |
| 27 | 2 |
| 20 | 10 |
| 16 | 0 |
| 19 | 1 |
| 28 | 0 |
| 6 | 0 |
| 36 | 0 |
| 19 | 0 |

| Chn_LRHtest_proportion of extreme SNPs | Chn_LRHtest_p-value |
|--|---------------------|
|--|---------------------|

| | |
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| 0 | |
| 0.128205128 | 0.136 |
| 0.152542373 | 0.117 |
| 0 | |
| 0.040816327 | |
| 0 | |
| 0.5 | 0.015 |
| 0 | |
| 0.076923077 | 0.196 |
| NA | |
| 0.866666667 | 0.003 |
| NA | |
| 0 | |
| 0 | |
| 0.302325581 | 0.044 |
| 0.352941176 | 0.040 |
| 0.805555556 | 0.002 |
| 0.130434783 | 0.137 |
| 0 | |
| 0.053571429 | 0.186 |
| 0.538461538 | 0.009 |
| 0.0625 | 0.206 |
| 0 | |
| 0 | |
| 0.333333333 | 0.035 |
| 0.047619048 | |
| 0 | |
| 0.090909091 | 0.191 |
| 0.2 | 0.096 |
| 0.035714286 | |
| 0 | |
| 0.142857143 | 0.109 |
| 0.482758621 | 0.015 |
| 0.49122807 | 0.032 |
| 0.266666667 | 0.071 |
| 0.866666667 | 0.001 |
| 0.05 | |
| 0 | |
| 0.04 | |
| 0.147058824 | 0.100 |
| 0.078125 | 0.165 |
| 0.085714286 | 0.173 |
| 0 | |
| 0 | |
| 0.130434783 | 0.128 |
| 0 | |
| 0 | |
| 0 | |
| 0 | |
| 0.08 | 0.184 |
| 0 | |

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| 0 | |
| NA | |
| 0.037735849 | |
| NA | |
| NA | |
| 0 | |
| 0 | |
| 0 | |
| 0.441860465 | 0.022 |
| 0.5 | 0.021 |
| 0 | |
| 0.272727273 | 0.051 |
| 0.4 | 0.025 |
| 0.272727273 | 0.054 |
| 0 | |
| 0 | |
| 0.211538462 | 0.091 |
| 0 | |
| 0.037037037 | |
| 0.125 | 0.146 |
| 0 | |
| 0.315789474 | 0.038 |
| 0 | |
| 0 | |
| 0 | |
| 0.2 | 0.097 |
| 0 | |
| 0 | |
| 0.75 | 0.004 |
| 0 | |
| 0 | |
| 0.058823529 | 0.246 |
| 0 | |
| 0 | |
| 0 | |
| 0.35483871 | 0.034 |
| 0.058823529 | 0.251 |
| 0 | |
| 0 | |
| 0 | |
| 0.142857143 | 0.079 |
| 0.052631579 | 0.268 |
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| 0 | |
| 0.357142857 | 0.032 |
| 0.375 | 0.022 |
| 0 | |
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| 0 | |
| 0.2 | 0.076 |
| 0.0625 | 0.225 |

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| 0.142857143 | 0.127 |
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| 0.625 | 0.003 |
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| 0.048387097 | |
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| 0.105263158 | 0.146 |
| 0.085714286 | 0.176 |
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| 0.333333333 | 0.024 |
| 0.090909091 | 0.193 |
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| 0.315789474 | 0.029 |
| 0.166666667 | 0.087 |
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| 0 | |
| 0.135135135 | 0.123 |
| 0.116666667 | 0.146 |
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| 0.074074074 | 0.210 |
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| NA | |
| 0 | |
| 0.043478261 | |
| 0 | |
| 0 | |
| 0.071428571 | 0.226 |
| 0.090909091 | 0.167 |
| 0.055555556 | 0.239 |
| 0 | |
| 0.229166667 | 0.042 |
| 0 | |
| 0.4 | 0.013 |
| 0.45 | 0.005 |
| 0.076923077 | 0.209 |
| 0.125 | 0.120 |
| 0.116666667 | 0.164 |
| 0 | |
| 0.612903226 | 0.004 |
| 0.053763441 | 0.269 |
| 0 | |
| 0.384615385 | 0.014 |
| 0.714285714 | 0.002 |
| 0.80952381 | 0.003 |
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| 0 | |
| 0 | |
| 0 | |
| 0 | |
| 0 | |
| 0.263157895 | 0.037 |
| 0.2 | 0.072 |
| 0.125 | 0.142 |
| 0.375 | 0.019 |
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| 0 | |
| 0 | |
| 0 | |
| 0 | |
| 0 | |
| 0.285714286 | 0.028 |
| 0.234042553 | 0.056 |
| 0.235294118 | 0.044 |
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| 0.086956522 | 0.203 |
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| 0 | |
| 0 | |
| 0 | |
| 0.025210084 | |
| 0 | |
| 0.25 | 0.043 |
| 0.333333333 | 0.022 |
| 0.590909091 | 0.003 |
| 0 | |
| 0 | |
| 0 | |
| 0 | |
| 0 | |
| 0.224 | 0.054 |
| 0 | |
| 0.2 | 0.078 |
| 0 | |
| 0 | |
| 0 | |
| 0.047619048 | |
| 0.026315789 | |
| 0 | |
| 0 | |
| 0 | |
| 0 | |
| 0 | |
| 0 | |
| 0.074074074 | 0.222 |
| 0 | |
| 0 | |
| 0 | |
| 0.037037037 | |
| 0.032258065 | |
| 0.105263158 | 0.179 |
| 0 | |
| 0 | |
| 0.054054054 | 0.246 |
| 0 | |
| 0 | |
| 0.257142857 | 0.023 |
| NA | |
| 0 | |
| 0 | |
| 0.25 | 0.036 |
| 0 | |
| 0 | |
| 0.173913043 | 0.079 |
| 0 | |
| 0.360824742 | 0.016 |
| 0.166666667 | 0.091 |

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| 0.310344828 | 0.025 |
| 0.222222222 | 0.061 |
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| 0 | |
| 0 | |
| 0 | |
| 0.066666667 | 0.236 |
| 0 | |
| 1 | 0.000 |
| 0.276595745 | 0.036 |
| 0.25 | 0.031 |
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| 0 | |
| 0 | |
| 0 | |
| 0 | |
| 0 | |
| NA | |
| 0 | |
| 0.290322581 | 0.028 |
| 0.120689655 | 0.130 |
| 0.083333333 | 0.188 |
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| 0 | |
| 0 | |
| 0 | |
| 0 | |
| 0.052631579 | 0.267 |
| 0 | |
| 0.272727273 | 0.023 |
| 0 | |
| 0 | |
| 0 | |
| 0.32 | 0.011 |
| 0 | |
| 0.166666667 | 0.081 |
| 0 | |
| 0.058823529 | 0.282 |
| 0.076923077 | 0.212 |
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| 0 | |
| 0 | |
| 0.074074074 | 0.242 |
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| 0.052631579 | 0.321 |
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Genbank mRNA identifier

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AB033095,BC009381,BC013933,AF217795,AK131105

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AK094872,AL365513,BC031838,AY039240,BC041639,BC063537,BC042335,BC041802,AL450314,AL157851,AL
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Gene name

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PSMB2,BT007137,FLJ38984,FLJ38984,CLSPN,CLSPN,BC062215,EIF2C4,EIF2C4,EIF2C1,BC066888,EIF2C3

CYP4X1,CYP4X1,CYP4Z1,U21049

FLJ14442

DNAJC6

DKFZp761D221,DKFZp761D221,DKFZp761D221,AK125044,FLJ40873

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GALNT13,GALNT13

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FOXP1,BC054815

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AK096400

AK126014

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EGF

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BTF3,BTF3,BT007120,HCBP6

PJA2,PJA2
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SPOCK
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TCERG1,GPR151,GPR151
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GRIA1

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SPATS1,CDC5L,CDC5L,CDC5L,AF090903
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COL21A1

C6orf152

C6orf167

TCBA1,TCBA1

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BX640890,AK097903

UTRN
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FNDC1,AJ586132

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AK056013,C6orf208
KIAA1838,KIAA1838,AY266458

DGKB
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JAZF1

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GATA4,GATA4

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TYRP1,LOC286343

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INVS,INVS,TEX10

ANKRD16

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MPP7,MPP7

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DDIT4,AK123129,DNAJB12,CBARA1,CBARA1,CBARA1,CBARA1
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C10orf11
MGC4248,MGC4248,MGC4248
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HGNT-IV-H,AB024729

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CFL2,CFL2

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SPTB,AF336880
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OCA2,OCA2,OCA2,HERC2,AL834183,AK125229
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GABPB2,FLJ10038
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EME1,EME1,PRO1855,PRO1855,FLJ20920,CHAD,FLJ11164,FLJ11164
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PTPRM
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HAO1
C20orf12,BC036231
C20orf26

AF336876,BC064984,ASXL1,ASXL1,DKFZP566G1424,C20orf112,C20orf112,BC065483,FLJ33706,COMMD7,DNAH

GMEB2,STMN3,BC013933,C20orf41,TNFRSF6B

MRPL39,MRPL39

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PACSIN2,

3,PKD1-like,PKD1-like

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YO1D

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855,PTPN11,RPH3/

