

| region # | chromosome | Start position | End position | length (bp) | # of Perlegen SNPs within region |
|----------|------------|----------------|--------------|-------------|----------------------------------|
| 1 | 1 | 7679638 | 7895531 | 215893 | 58 |
| 2 | 1 | 37306272 | 37312776 | 6504 | 12 |
| 3 | 1 | 41686218 | 41740135 | 53917 | 34 |
| 4 | 1 | 58379197 | 58401959 | 22762 | 37 |
| 5 | 1 | 63665888 | 63919008 | 253120 | 220 |
| 6 | 1 | 65316038 | 65525324 | 209286 | 166 |
| 7 | 1 | 69166305 | 69237952 | 71647 | 42 |
| 8 | 1 | 75868385 | 75927505 | 59120 | 111 |
| 9 | 1 | 102808667 | 103219896 | 411229 | 272 |
| 10 | 1 | 105453656 | 105488315 | 34659 | 42 |
| 11 | 1 | 109030807 | 109120893 | 90086 | 61 |
| 12 | 1 | 112016546 | 112069456 | 52910 | 36 |
| 13 | 1 | 113282381 | 113376764 | 94383 | 29 |
| 14 | 1 | 119790083 | 120008080 | 217997 | 85 |
| 15 | 1 | 154701245 | 154808208 | 106963 | 78 |
| 16 | 1 | 156408440 | 156546373 | 137933 | 82 |
| 17 | 1 | 171609051 | 172158146 | 549095 | 201 |
| 18 | 1 | 174077193 | 174131762 | 54569 | 72 |
| 19 | 1 | 176503672 | 176539877 | 36205 | 29 |
| 20 | 1 | 226946151 | 226980259 | 34108 | 34 |
| 21 | 1 | 231315554 | 231352079 | 36525 | 43 |
| 22 | 1 | 231372106 | 231479440 | 107334 | 77 |
| 23 | 1 | 232913814 | 233114743 | 200929 | 47 |
| 24 | 1 | 236030960 | 236197519 | 166559 | 84 |
| 25 | 2 | 3778907 | 3797414 | 18507 | 20 |
| 26 | 2 | 9275645 | 9366498 | 90853 | 60 |
| 27 | 2 | 12886505 | 12972351 | 85846 | 64 |
| 28 | 2 | 17271623 | 17415351 | 143728 | 99 |
| 29 | 2 | 17435465 | 17971196 | 535731 | 327 |
| 30 | 2 | 21250361 | 21422223 | 171862 | 118 |
| 31 | 2 | 38280989 | 38350496 | 69507 | 75 |
| 32 | 2 | 40089005 | 40115064 | 26059 | 52 |
| 33 | 2 | 43891273 | 43916479 | 25206 | 44 |
| 34 | 2 | 53143221 | 53202283 | 59062 | 61 |
| 35 | 2 | 56150565 | 56194805 | 44240 | 56 |
| 36 | 2 | 56828724 | 56881787 | 53063 | 53 |
| 37 | 2 | 72363872 | 73154528 | 790656 | 288 |
| 38 | 2 | 73619019 | 73818787 | 199768 | 80 |
| 39 | 2 | 78468490 | 78508436 | 39946 | 22 |
| 40 | 2 | 82721084 | 82817113 | 96029 | 62 |
| 41 | 2 | 86558790 | 86816714 | 257924 | 64 |
| 42 | 2 | 103406419 | 103529550 | 123131 | 80 |
| 43 | 2 | 103692936 | 103852695 | 159759 | 104 |
| 44 | 2 | 107655548 | 107777434 | 121886 | 112 |
| 45 | 2 | 108558105 | 109050546 | 492441 | 173 |
| 46 | 2 | 119025203 | 119094829 | 69626 | 50 |
| 47 | 2 | 121763047 | 121823667 | 60620 | 61 |
| 48 | 2 | 126096502 | 126386145 | 289643 | 197 |
| 49 | 2 | 126703633 | 126765734 | 62101 | 39 |
| 50 | 2 | 145921003 | 146058002 | 136999 | 109 |
| 51 | 2 | 147114623 | 147208409 | 93786 | 73 |

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|-----|---|-----------|-----------|--------|-----|
| 52 | 2 | 153239499 | 153431113 | 191614 | 75 |
| 53 | 2 | 171601580 | 171628398 | 26818 | 23 |
| 54 | 2 | 172013276 | 172286719 | 273443 | 83 |
| 55 | 2 | 177721973 | 178046876 | 324903 | 471 |
| 56 | 2 | 184141716 | 184192406 | 50690 | 45 |
| 57 | 2 | 188356205 | 188396006 | 39801 | 53 |
| 58 | 2 | 198155394 | 198259226 | 103832 | 67 |
| 59 | 2 | 199320881 | 199377428 | 56547 | 57 |
| 60 | 2 | 211743405 | 211926797 | 183392 | 160 |
| 61 | 2 | 213085468 | 213298887 | 213419 | 290 |
| 62 | 2 | 216049719 | 216100687 | 50968 | 42 |
| 63 | 2 | 216204532 | 216282670 | 78138 | 37 |
| 64 | 2 | 216445459 | 216520779 | 75320 | 91 |
| 65 | 2 | 218061201 | 218140839 | 79638 | 91 |
| 66 | 2 | 220390057 | 220495278 | 105221 | 50 |
| 67 | 2 | 232752699 | 232961941 | 209242 | 65 |
| 68 | 2 | 237964678 | 238059575 | 94897 | 61 |
| 69 | 2 | 238137166 | 238270023 | 132857 | 74 |
| 70 | 3 | 12463882 | 12690292 | 226410 | 113 |
| 71 | 3 | 25706292 | 26341919 | 635627 | 255 |
| 72 | 3 | 27116773 | 27387145 | 270372 | 150 |
| 73 | 3 | 31707783 | 31771022 | 63239 | 75 |
| 74 | 3 | 35969307 | 36111561 | 142254 | 110 |
| 75 | 3 | 106034782 | 106136778 | 101996 | 72 |
| 76 | 3 | 136016252 | 136147646 | 131394 | 90 |
| 77 | 3 | 139668866 | 139883444 | 214578 | 55 |
| 78 | 3 | 158038793 | 158106680 | 67887 | 50 |
| 79 | 3 | 163050796 | 163101067 | 50271 | 51 |
| 80 | 3 | 168846239 | 169008194 | 161955 | 89 |
| 81 | 3 | 170578146 | 170606522 | 28376 | 41 |
| 82 | 3 | 174473672 | 174622863 | 149191 | 89 |
| 83 | 3 | 181456281 | 181635192 | 178911 | 70 |
| 84 | 3 | 189468094 | 189605126 | 137032 | 87 |
| 85 | 3 | 198622622 | 199093566 | 470944 | 66 |
| 86 | 4 | 5925753 | 6033906 | 108153 | 109 |
| 87 | 4 | 9667545 | 9791072 | 123527 | 124 |
| 88 | 4 | 13289839 | 13444207 | 154368 | 105 |
| 89 | 4 | 28576370 | 28677349 | 100979 | 50 |
| 90 | 4 | 29140421 | 29215955 | 75534 | 52 |
| 91 | 4 | 34762467 | 34810721 | 48254 | 42 |
| 92 | 4 | 41743417 | 42062199 | 318782 | 175 |
| 93 | 4 | 86950413 | 87055379 | 104966 | 70 |
| 94 | 4 | 94712539 | 94720707 | 8168 | 13 |
| 95 | 4 | 105299015 | 105763311 | 464296 | 178 |
| 96 | 4 | 107165876 | 107259860 | 93984 | 55 |
| 97 | 4 | 150141870 | 150252374 | 110504 | 136 |
| 98 | 4 | 153545357 | 153600290 | 54933 | 67 |
| 99 | 4 | 159046491 | 159119720 | 73229 | 76 |
| 100 | 4 | 159886279 | 160061031 | 174752 | 94 |
| 101 | 4 | 160761157 | 160866067 | 104910 | 55 |
| 102 | 4 | 170508914 | 170627549 | 118635 | 52 |
| 103 | 4 | 171258674 | 171458628 | 199954 | 88 |

| | | | | | |
|-----|---|-----------|-----------|--------|-----|
| 104 | 4 | 172145188 | 172280308 | 135120 | 76 |
| 105 | 4 | 178319767 | 178440422 | 120655 | 72 |
| 106 | 5 | 10271906 | 10314172 | 42266 | 53 |
| 107 | 5 | 14440227 | 14515554 | 75327 | 68 |
| 108 | 5 | 21893798 | 21957017 | 63219 | 58 |
| 109 | 5 | 30074058 | 30090301 | 16243 | 35 |
| 110 | 5 | 41691052 | 42269036 | 577984 | 265 |
| 111 | 5 | 57811707 | 57857934 | 46227 | 25 |
| 112 | 5 | 59135468 | 59292325 | 156857 | 105 |
| 113 | 5 | 66574444 | 66673621 | 99177 | 49 |
| 114 | 5 | 71779953 | 71807717 | 27764 | 21 |
| 115 | 5 | 80750541 | 81074431 | 323890 | 113 |
| 116 | 5 | 81613316 | 81794121 | 180805 | 100 |
| 117 | 5 | 87203742 | 87616331 | 412589 | 177 |
| 118 | 5 | 89347573 | 89546720 | 199147 | 113 |
| 119 | 5 | 98196355 | 98394874 | 198519 | 89 |
| 120 | 5 | 99860332 | 100016912 | 156580 | 93 |
| 121 | 5 | 101018671 | 101110128 | 91457 | 100 |
| 122 | 5 | 103215909 | 103292307 | 76398 | 74 |
| 123 | 5 | 109083471 | 109293884 | 210413 | 216 |
| 124 | 5 | 110238756 | 110269985 | 31229 | 23 |
| 125 | 5 | 112812954 | 112960944 | 147990 | 83 |
| 126 | 5 | 116611415 | 116740891 | 129476 | 87 |
| 127 | 5 | 116961234 | 117116134 | 154900 | 122 |
| 128 | 5 | 117407205 | 117572676 | 165471 | 74 |
| 129 | 5 | 117938065 | 117984433 | 46368 | 61 |
| 130 | 5 | 127904934 | 128136365 | 231431 | 147 |
| 131 | 5 | 153145758 | 153266833 | 121075 | 72 |
| 132 | 5 | 153540838 | 153650216 | 109378 | 68 |
| 133 | 5 | 170102703 | 170181530 | 78827 | 54 |
| 134 | 6 | 10751821 | 10967063 | 215242 | 71 |
| 135 | 6 | 11971122 | 12069956 | 98834 | 66 |
| 136 | 6 | 12927558 | 13071948 | 144390 | 77 |
| 137 | 6 | 25806460 | 25888311 | 81851 | 89 |
| 138 | 6 | 26383628 | 26502299 | 118671 | 63 |
| 139 | 6 | 33700303 | 33823732 | 123429 | 89 |
| 140 | 6 | 44587169 | 44614278 | 27109 | 27 |
| 141 | 6 | 54785082 | 54885285 | 100203 | 99 |
| 142 | 6 | 55807524 | 55932945 | 125421 | 84 |
| 143 | 6 | 56154017 | 56206644 | 52627 | 34 |
| 144 | 6 | 68035449 | 68326561 | 291112 | 119 |
| 145 | 6 | 69738888 | 69822105 | 83217 | 86 |
| 146 | 6 | 71829706 | 71919603 | 89897 | 39 |
| 147 | 6 | 83317598 | 83428441 | 110843 | 69 |
| 148 | 6 | 84708348 | 84920494 | 212146 | 87 |
| 149 | 6 | 91306453 | 91374538 | 68085 | 82 |
| 150 | 6 | 93435249 | 93477431 | 42182 | 23 |
| 151 | 6 | 93569014 | 93623958 | 54944 | 55 |
| 152 | 6 | 97698965 | 97768051 | 69086 | 34 |
| 153 | 6 | 105856878 | 105975427 | 118549 | 42 |
| 154 | 6 | 108139150 | 108214717 | 75567 | 55 |
| 155 | 6 | 108643304 | 108879680 | 236376 | 69 |

| | | | | | |
|-----|---|-----------|-----------|--------|-----|
| 156 | 6 | 117360780 | 117427770 | 66990 | 46 |
| 157 | 6 | 126429915 | 127059355 | 629440 | 157 |
| 158 | 6 | 129249982 | 129391306 | 141324 | 81 |
| 159 | 6 | 137291619 | 137326844 | 35225 | 46 |
| 160 | 6 | 139348167 | 139564560 | 216393 | 98 |
| 161 | 6 | 153946505 | 153958239 | 11734 | 17 |
| 162 | 7 | 14477743 | 14503478 | 25735 | 29 |
| 163 | 7 | 30743347 | 30821150 | 77803 | 36 |
| 164 | 7 | 54850926 | 54918445 | 67519 | 62 |
| 165 | 7 | 80449442 | 80570126 | 120684 | 104 |
| 166 | 7 | 82613606 | 82700023 | 86417 | 86 |
| 167 | 7 | 85832084 | 85946157 | 114073 | 68 |
| 168 | 7 | 101232338 | 101446240 | 213902 | 85 |
| 169 | 7 | 105438239 | 105506107 | 67868 | 32 |
| 170 | 7 | 107980525 | 108076936 | 96411 | 36 |
| 171 | 7 | 108359082 | 108613284 | 254202 | 148 |
| 172 | 7 | 116932859 | 117004347 | 71488 | 31 |
| 173 | 7 | 118998749 | 119088363 | 89614 | 53 |
| 174 | 7 | 120424663 | 120473283 | 48620 | 46 |
| 175 | 7 | 130939203 | 131036087 | 96884 | 69 |
| 176 | 7 | 131229702 | 131262270 | 32568 | 19 |
| 177 | 7 | 142173115 | 142392164 | 219049 | 37 |
| 178 | 7 | 144820308 | 144993391 | 173083 | 74 |
| 179 | 7 | 145299665 | 145404521 | 104856 | 74 |
| 180 | 7 | 145457635 | 145565353 | 107718 | 79 |
| 181 | 7 | 145689391 | 145721070 | 31679 | 39 |
| 182 | 7 | 147105543 | 147164820 | 59277 | 100 |
| 183 | 7 | 148152242 | 148295725 | 143483 | 40 |
| 184 | 7 | 150356118 | 150387089 | 30971 | 15 |
| 185 | 7 | 152755775 | 152802732 | 46957 | 17 |
| 186 | 8 | 8863285 | 8980840 | 117555 | 100 |
| 187 | 8 | 10764252 | 11135214 | 370962 | 255 |
| 188 | 8 | 11452981 | 11500424 | 47443 | 41 |
| 189 | 8 | 11815386 | 11955859 | 140473 | 82 |
| 190 | 8 | 16658547 | 16684460 | 25913 | 45 |
| 191 | 8 | 20719274 | 20801290 | 82016 | 93 |
| 192 | 8 | 21073477 | 21191145 | 117668 | 93 |
| 193 | 8 | 24384693 | 24420737 | 36044 | 62 |
| 194 | 8 | 26368343 | 26455473 | 87130 | 97 |
| 195 | 8 | 30658103 | 30819286 | 161183 | 78 |
| 196 | 8 | 34589769 | 34734815 | 145046 | 84 |
| 197 | 8 | 50346101 | 50458482 | 112381 | 80 |
| 198 | 8 | 50522898 | 50904123 | 381225 | 266 |
| 199 | 8 | 50918330 | 51071044 | 152714 | 130 |
| 200 | 8 | 51106301 | 51297160 | 190859 | 178 |
| 201 | 8 | 63055374 | 63081222 | 25848 | 36 |
| 202 | 8 | 66736048 | 67076354 | 340306 | 116 |
| 203 | 8 | 68867802 | 68979954 | 112152 | 84 |
| 204 | 8 | 72128018 | 72216214 | 88196 | 72 |
| 205 | 8 | 73868984 | 73976976 | 107992 | 112 |
| 206 | 8 | 75650399 | 75742362 | 91963 | 72 |
| 207 | 8 | 82084413 | 82169465 | 85052 | 71 |

| | | | | | |
|-----|----|-----------|-----------|--------|-----|
| 208 | 8 | 82830485 | 82899414 | 68929 | 37 |
| 209 | 8 | 107067485 | 107244932 | 177447 | 104 |
| 210 | 8 | 111371312 | 111789188 | 417876 | 192 |
| 211 | 8 | 116717446 | 116779630 | 62184 | 59 |
| 212 | 8 | 120797997 | 120896024 | 98027 | 81 |
| 213 | 8 | 122461232 | 122590692 | 129460 | 131 |
| 214 | 8 | 126840040 | 127106959 | 266919 | 145 |
| 215 | 8 | 129758111 | 129858241 | 100130 | 71 |
| 216 | 8 | 134807790 | 134913678 | 105888 | 110 |
| 217 | 8 | 138904222 | 138997803 | 93581 | 68 |
| 218 | 9 | 379285 | 507715 | 128430 | 116 |
| 219 | 9 | 9710505 | 9741905 | 31400 | 53 |
| 220 | 9 | 16001896 | 16038844 | 36948 | 51 |
| 221 | 9 | 25086906 | 25250926 | 164020 | 91 |
| 222 | 9 | 26766084 | 27098810 | 332726 | 156 |
| 223 | 9 | 81703814 | 81779859 | 76045 | 50 |
| 224 | 9 | 86378510 | 86712262 | 333752 | 65 |
| 225 | 9 | 90275056 | 90900072 | 625016 | 205 |
| 226 | 10 | 4194572 | 4283008 | 88436 | 73 |
| 227 | 10 | 5890155 | 5908924 | 18769 | 11 |
| 228 | 10 | 11048662 | 11101618 | 52956 | 48 |
| 229 | 10 | 21503883 | 21647727 | 143844 | 47 |
| 230 | 10 | 23823923 | 23909921 | 85998 | 61 |
| 231 | 10 | 34575057 | 34631218 | 56161 | 68 |
| 232 | 10 | 37100344 | 37224215 | 123871 | 84 |
| 233 | 10 | 50252667 | 50335502 | 82835 | 29 |
| 234 | 10 | 52556052 | 52584625 | 28573 | 56 |
| 235 | 10 | 52636416 | 52701367 | 64951 | 61 |
| 236 | 10 | 55214898 | 55418805 | 203907 | 173 |
| 237 | 10 | 58060596 | 58195170 | 134574 | 104 |
| 238 | 10 | 58922998 | 59040022 | 117024 | 75 |
| 239 | 10 | 63412946 | 63529886 | 116940 | 62 |
| 240 | 10 | 73626234 | 73962617 | 336383 | 81 |
| 241 | 10 | 91700034 | 91743274 | 43240 | 41 |
| 242 | 10 | 94504229 | 94683031 | 178802 | 100 |
| 243 | 10 | 95209965 | 95316717 | 106752 | 63 |
| 244 | 10 | 109282144 | 109478059 | 195915 | 141 |
| 245 | 10 | 114413084 | 114472659 | 59575 | 15 |
| 246 | 10 | 116345915 | 116467150 | 121235 | 51 |
| 247 | 10 | 126484196 | 126544361 | 60165 | 29 |
| 248 | 11 | 10627361 | 10682915 | 55554 | 54 |
| 249 | 11 | 40206372 | 40225416 | 19044 | 33 |
| 250 | 11 | 56787635 | 56924091 | 136456 | 43 |
| 251 | 11 | 78264308 | 78365751 | 101443 | 66 |
| 252 | 11 | 80977813 | 81018817 | 41004 | 75 |
| 253 | 11 | 83779387 | 83887723 | 108336 | 79 |
| 254 | 11 | 91272587 | 91420739 | 148152 | 112 |
| 255 | 11 | 96141021 | 96225538 | 84517 | 64 |
| 256 | 11 | 105736567 | 105789231 | 52664 | 49 |
| 257 | 11 | 110960935 | 111116758 | 155823 | 64 |
| 258 | 11 | 120544302 | 120603847 | 59545 | 47 |
| 259 | 11 | 120982926 | 121108172 | 125246 | 83 |

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|-----|----|-----------|-----------|--------|-----|
| 260 | 11 | 121166659 | 121305945 | 139286 | 81 |
| 261 | 11 | 126091301 | 126181855 | 90554 | 49 |
| 262 | 12 | 956166 | 1217347 | 261181 | 100 |
| 263 | 12 | 4039860 | 4116563 | 76703 | 40 |
| 264 | 12 | 9096807 | 9159740 | 62933 | 34 |
| 265 | 12 | 11172759 | 11241928 | 69169 | 98 |
| 266 | 12 | 25134382 | 25290388 | 156006 | 95 |
| 267 | 12 | 33137238 | 33230638 | 93400 | 69 |
| 268 | 12 | 33655815 | 33805354 | 149539 | 103 |
| 269 | 12 | 34029191 | 34320727 | 291536 | 48 |
| 270 | 12 | 69425931 | 69461731 | 35800 | 39 |
| 271 | 12 | 86873734 | 87179792 | 306058 | 83 |
| 272 | 12 | 101686992 | 101868452 | 181460 | 80 |
| 273 | 12 | 105187232 | 105440433 | 253201 | 110 |
| 274 | 12 | 110716306 | 111236426 | 520120 | 137 |
| 275 | 12 | 122054040 | 122337031 | 282991 | 69 |
| 276 | 12 | 126776271 | 126795028 | 18757 | 41 |
| 277 | 13 | 17888357 | 18401778 | 513421 | 193 |
| 278 | 13 | 19003619 | 19247692 | 244073 | 149 |
| 279 | 13 | 19609448 | 19654429 | 44981 | 37 |
| 280 | 13 | 23827660 | 23975867 | 148207 | 110 |
| 281 | 13 | 28932432 | 29034085 | 101653 | 76 |
| 282 | 13 | 31692672 | 31750408 | 57736 | 39 |
| 283 | 13 | 32699406 | 32795343 | 95937 | 117 |
| 284 | 13 | 36593241 | 36622237 | 28996 | 37 |
| 285 | 13 | 43508748 | 43690644 | 181896 | 74 |
| 286 | 13 | 46684283 | 46868513 | 184230 | 97 |
| 287 | 13 | 60788475 | 60883921 | 95446 | 56 |
| 288 | 13 | 61593997 | 61690524 | 96527 | 114 |
| 289 | 13 | 73637023 | 73669535 | 32512 | 34 |
| 290 | 13 | 79881611 | 79942805 | 61194 | 56 |
| 291 | 13 | 82942359 | 83148897 | 206538 | 116 |
| 292 | 13 | 92749561 | 92805149 | 55588 | 32 |
| 293 | 13 | 95220799 | 95272230 | 51431 | 42 |
| 294 | 13 | 103069215 | 103091372 | 22157 | 59 |
| 295 | 13 | 103920221 | 104003855 | 83634 | 64 |
| 296 | 14 | 22400158 | 22415186 | 15028 | 14 |
| 297 | 14 | 27152871 | 27185308 | 32437 | 21 |
| 298 | 14 | 28056968 | 28149737 | 92769 | 66 |
| 299 | 14 | 36823483 | 36962907 | 139424 | 114 |
| 300 | 14 | 44788297 | 44873747 | 85450 | 60 |
| 301 | 14 | 50641549 | 50704564 | 63015 | 39 |
| 302 | 14 | 55638362 | 55828063 | 189701 | 81 |
| 303 | 14 | 67398608 | 67764027 | 365419 | 125 |
| 304 | 14 | 75839013 | 76013560 | 174547 | 114 |
| 305 | 15 | 22963120 | 23066323 | 103203 | 50 |
| 306 | 15 | 28913620 | 29058800 | 145180 | 115 |
| 307 | 15 | 34083083 | 34129960 | 46877 | 72 |
| 308 | 15 | 35634441 | 35822219 | 187778 | 90 |
| 309 | 15 | 39610631 | 39927542 | 316911 | 142 |
| 310 | 15 | 43882076 | 43982544 | 100468 | 81 |
| 311 | 15 | 44418049 | 44471742 | 53693 | 64 |

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|-----|----|----------|----------|--------|-----|
| 312 | 15 | 61459214 | 61998765 | 539551 | 271 |
| 313 | 15 | 69660828 | 69683364 | 22536 | 40 |
| 314 | 15 | 70461724 | 70639527 | 177803 | 57 |
| 315 | 15 | 91224746 | 91316064 | 91318 | 72 |
| 316 | 16 | 5694671 | 5774467 | 79796 | 95 |
| 317 | 16 | 9942883 | 10005353 | 62470 | 62 |
| 318 | 16 | 17317832 | 17415251 | 97419 | 61 |
| 319 | 16 | 30493410 | 31178053 | 684643 | 81 |
| 320 | 16 | 65538205 | 65657699 | 119494 | 113 |
| 321 | 16 | 75338036 | 75511534 | 173498 | 96 |
| 322 | 16 | 75874488 | 75993546 | 119058 | 106 |
| 323 | 16 | 87167857 | 87236865 | 69008 | 31 |
| 324 | 17 | 29023852 | 29505567 | 481715 | 68 |
| 325 | 17 | 36379441 | 36868166 | 488725 | 38 |
| 326 | 17 | 48923336 | 49127992 | 204656 | 95 |
| 327 | 17 | 49730612 | 49920792 | 190180 | 75 |
| 328 | 17 | 50493952 | 50628496 | 134544 | 70 |
| 329 | 17 | 54316960 | 54369154 | 52194 | 39 |
| 330 | 17 | 56487189 | 56733087 | 245898 | 94 |
| 331 | 17 | 58549207 | 59330368 | 781161 | 191 |
| 332 | 17 | 61423448 | 61680736 | 257288 | 92 |
| 333 | 17 | 63015628 | 63194587 | 178959 | 68 |
| 334 | 17 | 64495009 | 64675432 | 180423 | 133 |
| 335 | 18 | 22084021 | 22223763 | 139742 | 47 |
| 336 | 18 | 36327443 | 36415916 | 88473 | 48 |
| 337 | 18 | 36597442 | 36713184 | 115742 | 111 |
| 338 | 18 | 41188655 | 41222511 | 33856 | 46 |
| 339 | 18 | 61614014 | 61682943 | 68929 | 70 |
| 340 | 18 | 65721368 | 66020312 | 298944 | 225 |
| 341 | 19 | 58419094 | 58436372 | 17278 | 21 |
| 342 | 20 | 1436841 | 1492623 | 55782 | 42 |
| 343 | 20 | 2069922 | 2140080 | 70158 | 51 |
| 344 | 20 | 20087843 | 20229312 | 141469 | 99 |
| 345 | 20 | 24713729 | 24743432 | 29703 | 57 |
| 346 | 20 | 30829415 | 31171297 | 341882 | 102 |
| 347 | 20 | 31441392 | 31819372 | 377980 | 117 |
| 348 | 20 | 53877134 | 53939289 | 62155 | 63 |
| 349 | 20 | 54586709 | 54691952 | 105243 | 104 |
| 350 | 20 | 55713589 | 55782470 | 68881 | 55 |
| 351 | 20 | 56446707 | 56640511 | 193804 | 96 |
| 352 | 20 | 62946088 | 63092214 | 146126 | 49 |
| 353 | 21 | 16294659 | 16328153 | 33494 | 59 |
| 354 | 21 | 16498436 | 16537556 | 39120 | 60 |
| 355 | 21 | 38281595 | 38285992 | 4397 | 18 |
| 356 | 21 | 42879152 | 42914787 | 35635 | 55 |
| 357 | 21 | 43111630 | 43232546 | 120916 | 57 |

| # of top 1% SNPs within region | ratio of top 1% SNPs to total # of SNPs | average Fst | average Fst p-value |
|--------------------------------|---|-------------|---------------------|
| 20 | 0.345 | 0.506 | 0.012 |
| 10 | 0.833 | 0.602 | 0.000 |
| 13 | 0.382 | 0.539 | 0.011 |
| 12 | 0.324 | 0.468 | 0.009 |
| 53 | 0.241 | 0.536 | 0.001 |
| 34 | 0.205 | 0.416 | 0.024 |
| 12 | 0.286 | 0.525 | 0.011 |
| 16 | 0.144 | 0.402 | 0.039 |
| 74 | 0.272 | 0.509 | 0.012 |
| 15 | 0.357 | 0.503 | 0.011 |
| 11 | 0.180 | 0.382 | 0.034 |
| 14 | 0.389 | 0.547 | 0.004 |
| 10 | 0.345 | 0.458 | 0.013 |
| 18 | 0.212 | 0.521 | 0.007 |
| 15 | 0.192 | 0.417 | 0.019 |
| 15 | 0.183 | 0.414 | 0.023 |
| 59 | 0.294 | 0.464 | 0.012 |
| 14 | 0.194 | 0.347 | 0.060 |
| 10 | 0.345 | 0.448 | 0.018 |
| 12 | 0.353 | 0.534 | 0.004 |
| 17 | 0.395 | 0.619 | 0.000 |
| 16 | 0.208 | 0.452 | 0.015 |
| 11 | 0.234 | 0.460 | 0.010 |
| 15 | 0.179 | 0.455 | 0.011 |
| 11 | 0.550 | 0.599 | 0.000 |
| 10 | 0.167 | 0.449 | 0.016 |
| 12 | 0.188 | 0.433 | 0.013 |
| 30 | 0.303 | 0.481 | 0.007 |
| 67 | 0.205 | 0.461 | 0.006 |
| 23 | 0.195 | 0.481 | 0.001 |
| 12 | 0.160 | 0.378 | 0.033 |
| 12 | 0.231 | 0.337 | 0.057 |
| 12 | 0.273 | 0.478 | 0.006 |
| 23 | 0.377 | 0.501 | 0.005 |
| 11 | 0.196 | 0.482 | 0.010 |
| 12 | 0.226 | 0.405 | 0.019 |
| 88 | 0.306 | 0.613 | 0.000 |
| 23 | 0.288 | 0.563 | 0.003 |
| 17 | 0.773 | 0.619 | 0.001 |
| 17 | 0.274 | 0.521 | 0.009 |
| 10 | 0.156 | 0.403 | 0.016 |
| 18 | 0.225 | 0.498 | 0.004 |
| 23 | 0.221 | 0.490 | 0.005 |
| 22 | 0.196 | 0.369 | 0.044 |
| 38 | 0.220 | 0.523 | 0.012 |
| 15 | 0.300 | 0.509 | 0.004 |
| 24 | 0.393 | 0.526 | 0.002 |
| 49 | 0.249 | 0.473 | 0.007 |
| 11 | 0.282 | 0.466 | 0.008 |
| 15 | 0.138 | 0.341 | 0.042 |
| 11 | 0.151 | 0.433 | 0.017 |

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|----|-------|-------|-------|
| 15 | 0.200 | 0.414 | 0.020 |
| 11 | 0.478 | 0.475 | 0.011 |
| 15 | 0.181 | 0.434 | 0.019 |
| 90 | 0.191 | 0.494 | 0.003 |
| 10 | 0.222 | 0.438 | 0.022 |
| 15 | 0.283 | 0.430 | 0.011 |
| 15 | 0.224 | 0.502 | 0.005 |
| 11 | 0.193 | 0.478 | 0.008 |
| 35 | 0.219 | 0.430 | 0.016 |
| 45 | 0.155 | 0.398 | 0.020 |
| 17 | 0.405 | 0.565 | 0.000 |
| 13 | 0.351 | 0.544 | 0.003 |
| 14 | 0.154 | 0.409 | 0.015 |
| 16 | 0.176 | 0.469 | 0.008 |
| 11 | 0.220 | 0.376 | 0.025 |
| 17 | 0.262 | 0.466 | 0.011 |
| 15 | 0.246 | 0.468 | 0.011 |
| 13 | 0.176 | 0.405 | 0.015 |
| 22 | 0.195 | 0.483 | 0.009 |
| 55 | 0.216 | 0.509 | 0.004 |
| 27 | 0.180 | 0.433 | 0.014 |
| 12 | 0.160 | 0.371 | 0.029 |
| 16 | 0.145 | 0.375 | 0.026 |
| 20 | 0.278 | 0.576 | 0.000 |
| 30 | 0.333 | 0.449 | 0.013 |
| 15 | 0.273 | 0.542 | 0.002 |
| 10 | 0.200 | 0.410 | 0.017 |
| 11 | 0.216 | 0.431 | 0.012 |
| 14 | 0.157 | 0.412 | 0.014 |
| 23 | 0.561 | 0.541 | 0.001 |
| 14 | 0.157 | 0.408 | 0.014 |
| 11 | 0.157 | 0.400 | 0.020 |
| 24 | 0.276 | 0.402 | 0.017 |
| 10 | 0.152 | 0.378 | 0.017 |
| 25 | 0.229 | 0.450 | 0.009 |
| 47 | 0.379 | 0.479 | 0.009 |
| 28 | 0.267 | 0.552 | 0.002 |
| 10 | 0.200 | 0.456 | 0.010 |
| 12 | 0.231 | 0.405 | 0.018 |
| 13 | 0.310 | 0.527 | 0.005 |
| 62 | 0.354 | 0.552 | 0.002 |
| 15 | 0.214 | 0.545 | 0.004 |
| 13 | 1.000 | 0.632 | 0.000 |
| 44 | 0.247 | 0.499 | 0.001 |
| 10 | 0.182 | 0.424 | 0.021 |
| 25 | 0.184 | 0.458 | 0.016 |
| 16 | 0.239 | 0.502 | 0.002 |
| 12 | 0.158 | 0.408 | 0.020 |
| 20 | 0.213 | 0.476 | 0.007 |
| 11 | 0.200 | 0.519 | 0.005 |
| 14 | 0.269 | 0.508 | 0.006 |
| 12 | 0.136 | 0.385 | 0.031 |

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|----|-------|-------|-------|
| 15 | 0.197 | 0.439 | 0.008 |
| 20 | 0.278 | 0.499 | 0.007 |
| 10 | 0.189 | 0.442 | 0.012 |
| 14 | 0.206 | 0.446 | 0.013 |
| 10 | 0.172 | 0.441 | 0.011 |
| 15 | 0.429 | 0.565 | 0.001 |
| 46 | 0.174 | 0.457 | 0.007 |
| 12 | 0.480 | 0.565 | 0.001 |
| 16 | 0.152 | 0.439 | 0.017 |
| 11 | 0.224 | 0.463 | 0.008 |
| 12 | 0.571 | 0.586 | 0.001 |
| 31 | 0.274 | 0.472 | 0.004 |
| 28 | 0.280 | 0.522 | 0.000 |
| 43 | 0.243 | 0.476 | 0.010 |
| 25 | 0.221 | 0.416 | 0.012 |
| 13 | 0.146 | 0.470 | 0.007 |
| 24 | 0.258 | 0.461 | 0.003 |
| 21 | 0.210 | 0.506 | 0.004 |
| 13 | 0.176 | 0.397 | 0.012 |
| 43 | 0.199 | 0.362 | 0.027 |
| 10 | 0.435 | 0.560 | 0.003 |
| 13 | 0.157 | 0.382 | 0.023 |
| 29 | 0.333 | 0.532 | 0.000 |
| 36 | 0.295 | 0.552 | 0.002 |
| 14 | 0.189 | 0.493 | 0.003 |
| 13 | 0.213 | 0.507 | 0.001 |
| 23 | 0.156 | 0.419 | 0.016 |
| 14 | 0.194 | 0.446 | 0.008 |
| 25 | 0.368 | 0.576 | 0.001 |
| 15 | 0.278 | 0.441 | 0.005 |
| 11 | 0.155 | 0.356 | 0.032 |
| 20 | 0.303 | 0.553 | 0.001 |
| 14 | 0.182 | 0.344 | 0.043 |
| 41 | 0.461 | 0.558 | 0.003 |
| 10 | 0.159 | 0.431 | 0.009 |
| 38 | 0.427 | 0.576 | 0.000 |
| 13 | 0.481 | 0.702 | 0.000 |
| 21 | 0.212 | 0.474 | 0.007 |
| 26 | 0.310 | 0.518 | 0.008 |
| 16 | 0.471 | 0.581 | 0.000 |
| 34 | 0.286 | 0.481 | 0.007 |
| 14 | 0.163 | 0.492 | 0.004 |
| 20 | 0.513 | 0.603 | 0.000 |
| 12 | 0.174 | 0.371 | 0.028 |
| 15 | 0.172 | 0.498 | 0.005 |
| 29 | 0.354 | 0.522 | 0.002 |
| 11 | 0.478 | 0.574 | 0.001 |
| 10 | 0.182 | 0.423 | 0.014 |
| 10 | 0.294 | 0.426 | 0.011 |
| 12 | 0.286 | 0.541 | 0.001 |
| 11 | 0.200 | 0.394 | 0.017 |
| 11 | 0.159 | 0.399 | 0.018 |

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|----|-------|-------|-------|
| 17 | 0.370 | 0.549 | 0.000 |
| 64 | 0.408 | 0.585 | 0.001 |
| 18 | 0.222 | 0.493 | 0.003 |
| 23 | 0.500 | 0.565 | 0.002 |
| 36 | 0.367 | 0.532 | 0.003 |
| 14 | 0.824 | 0.727 | 0.000 |
| 10 | 0.345 | 0.479 | 0.006 |
| 12 | 0.333 | 0.558 | 0.001 |
| 12 | 0.194 | 0.461 | 0.009 |
| 19 | 0.183 | 0.349 | 0.041 |
| 33 | 0.384 | 0.511 | 0.002 |
| 18 | 0.265 | 0.380 | 0.023 |
| 26 | 0.306 | 0.598 | 0.000 |
| 11 | 0.344 | 0.569 | 0.002 |
| 12 | 0.333 | 0.533 | 0.002 |
| 30 | 0.203 | 0.501 | 0.006 |
| 11 | 0.355 | 0.620 | 0.001 |
| 18 | 0.340 | 0.541 | 0.000 |
| 10 | 0.217 | 0.417 | 0.008 |
| 15 | 0.217 | 0.490 | 0.004 |
| 13 | 0.684 | 0.693 | 0.000 |
| 11 | 0.297 | 0.493 | 0.002 |
| 15 | 0.203 | 0.488 | 0.003 |
| 17 | 0.230 | 0.501 | 0.001 |
| 15 | 0.190 | 0.415 | 0.012 |
| 19 | 0.487 | 0.512 | 0.003 |
| 21 | 0.210 | 0.442 | 0.013 |
| 19 | 0.475 | 0.575 | 0.000 |
| 10 | 0.667 | 0.626 | 0.000 |
| 10 | 0.588 | 0.501 | 0.003 |
| 19 | 0.190 | 0.419 | 0.016 |
| 58 | 0.227 | 0.510 | 0.004 |
| 11 | 0.268 | 0.531 | 0.002 |
| 14 | 0.171 | 0.423 | 0.006 |
| 11 | 0.244 | 0.504 | 0.002 |
| 15 | 0.161 | 0.364 | 0.017 |
| 19 | 0.204 | 0.434 | 0.009 |
| 10 | 0.161 | 0.445 | 0.009 |
| 17 | 0.175 | 0.434 | 0.009 |
| 13 | 0.167 | 0.425 | 0.013 |
| 25 | 0.298 | 0.482 | 0.003 |
| 22 | 0.275 | 0.456 | 0.004 |
| 54 | 0.203 | 0.477 | 0.005 |
| 25 | 0.192 | 0.495 | 0.001 |
| 44 | 0.247 | 0.476 | 0.004 |
| 22 | 0.611 | 0.568 | 0.002 |
| 34 | 0.293 | 0.583 | 0.001 |
| 24 | 0.286 | 0.363 | 0.024 |
| 12 | 0.167 | 0.451 | 0.005 |
| 29 | 0.259 | 0.478 | 0.003 |
| 16 | 0.222 | 0.437 | 0.007 |
| 11 | 0.155 | 0.457 | 0.008 |

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|----|-------|-------|-------|
| 13 | 0.351 | 0.534 | 0.002 |
| 30 | 0.288 | 0.532 | 0.000 |
| 53 | 0.276 | 0.522 | 0.003 |
| 20 | 0.339 | 0.470 | 0.007 |
| 27 | 0.333 | 0.496 | 0.002 |
| 25 | 0.191 | 0.432 | 0.007 |
| 37 | 0.255 | 0.459 | 0.007 |
| 16 | 0.225 | 0.477 | 0.004 |
| 19 | 0.173 | 0.438 | 0.003 |
| 15 | 0.221 | 0.478 | 0.006 |
| 15 | 0.129 | 0.407 | 0.017 |
| 26 | 0.491 | 0.643 | 0.000 |
| 12 | 0.235 | 0.409 | 0.009 |
| 16 | 0.176 | 0.379 | 0.018 |
| 24 | 0.154 | 0.428 | 0.009 |
| 13 | 0.260 | 0.478 | 0.004 |
| 16 | 0.246 | 0.453 | 0.013 |
| 35 | 0.171 | 0.506 | 0.000 |
| 13 | 0.178 | 0.445 | 0.000 |
| 10 | 0.909 | 0.701 | 0.000 |
| 10 | 0.208 | 0.379 | 0.021 |
| 11 | 0.234 | 0.505 | 0.002 |
| 20 | 0.328 | 0.551 | 0.000 |
| 12 | 0.176 | 0.414 | 0.012 |
| 19 | 0.226 | 0.443 | 0.006 |
| 13 | 0.448 | 0.610 | 0.001 |
| 14 | 0.250 | 0.441 | 0.011 |
| 10 | 0.164 | 0.437 | 0.004 |
| 40 | 0.231 | 0.513 | 0.002 |
| 26 | 0.250 | 0.483 | 0.006 |
| 14 | 0.187 | 0.516 | 0.003 |
| 15 | 0.242 | 0.454 | 0.007 |
| 33 | 0.407 | 0.623 | 0.001 |
| 13 | 0.317 | 0.557 | 0.000 |
| 25 | 0.250 | 0.533 | 0.005 |
| 12 | 0.190 | 0.512 | 0.001 |
| 32 | 0.227 | 0.455 | 0.009 |
| 11 | 0.733 | 0.693 | 0.000 |
| 18 | 0.353 | 0.597 | 0.001 |
| 14 | 0.483 | 0.616 | 0.000 |
| 10 | 0.185 | 0.408 | 0.009 |
| 21 | 0.636 | 0.544 | 0.002 |
| 11 | 0.256 | 0.388 | 0.013 |
| 11 | 0.167 | 0.364 | 0.023 |
| 18 | 0.240 | 0.473 | 0.002 |
| 17 | 0.215 | 0.447 | 0.008 |
| 20 | 0.179 | 0.425 | 0.008 |
| 10 | 0.156 | 0.388 | 0.014 |
| 15 | 0.306 | 0.455 | 0.005 |
| 29 | 0.453 | 0.577 | 0.001 |
| 20 | 0.426 | 0.577 | 0.000 |
| 16 | 0.193 | 0.397 | 0.008 |

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|----|-------|-------|-------|
| 15 | 0.185 | 0.475 | 0.002 |
| 11 | 0.224 | 0.460 | 0.001 |
| 20 | 0.200 | 0.415 | 0.007 |
| 13 | 0.325 | 0.521 | 0.005 |
| 10 | 0.294 | 0.496 | 0.001 |
| 29 | 0.296 | 0.355 | 0.036 |
| 34 | 0.358 | 0.575 | 0.003 |
| 14 | 0.203 | 0.406 | 0.012 |
| 25 | 0.243 | 0.448 | 0.009 |
| 13 | 0.271 | 0.551 | 0.000 |
| 10 | 0.256 | 0.493 | 0.002 |
| 21 | 0.253 | 0.473 | 0.003 |
| 14 | 0.175 | 0.355 | 0.029 |
| 51 | 0.464 | 0.568 | 0.003 |
| 43 | 0.314 | 0.450 | 0.005 |
| 32 | 0.464 | 0.584 | 0.000 |
| 18 | 0.439 | 0.516 | 0.001 |
| 33 | 0.171 | 0.421 | 0.008 |
| 29 | 0.195 | 0.445 | 0.005 |
| 11 | 0.297 | 0.502 | 0.007 |
| 25 | 0.227 | 0.531 | 0.000 |
| 22 | 0.289 | 0.487 | 0.004 |
| 13 | 0.333 | 0.621 | 0.000 |
| 22 | 0.188 | 0.432 | 0.003 |
| 11 | 0.297 | 0.484 | 0.005 |
| 16 | 0.216 | 0.462 | 0.005 |
| 16 | 0.165 | 0.433 | 0.007 |
| 12 | 0.214 | 0.484 | 0.006 |
| 18 | 0.158 | 0.432 | 0.002 |
| 12 | 0.353 | 0.508 | 0.005 |
| 20 | 0.357 | 0.513 | 0.001 |
| 21 | 0.181 | 0.347 | 0.031 |
| 10 | 0.313 | 0.431 | 0.009 |
| 12 | 0.286 | 0.520 | 0.003 |
| 16 | 0.271 | 0.524 | 0.000 |
| 10 | 0.156 | 0.324 | 0.037 |
| 13 | 0.929 | 0.638 | 0.000 |
| 10 | 0.476 | 0.563 | 0.000 |
| 11 | 0.167 | 0.401 | 0.006 |
| 20 | 0.175 | 0.395 | 0.018 |
| 19 | 0.317 | 0.541 | 0.001 |
| 11 | 0.282 | 0.415 | 0.006 |
| 29 | 0.358 | 0.542 | 0.001 |
| 23 | 0.184 | 0.510 | 0.001 |
| 33 | 0.289 | 0.566 | 0.001 |
| 10 | 0.200 | 0.385 | 0.012 |
| 22 | 0.191 | 0.434 | 0.007 |
| 15 | 0.208 | 0.384 | 0.011 |
| 14 | 0.156 | 0.436 | 0.004 |
| 23 | 0.162 | 0.345 | 0.017 |
| 27 | 0.333 | 0.547 | 0.000 |
| 29 | 0.453 | 0.536 | 0.001 |

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|----|-------|-------|-------|
| 57 | 0.210 | 0.549 | 0.000 |
| 14 | 0.350 | 0.498 | 0.001 |
| 12 | 0.211 | 0.450 | 0.005 |
| 14 | 0.194 | 0.448 | 0.002 |
| 19 | 0.200 | 0.382 | 0.022 |
| 10 | 0.161 | 0.419 | 0.010 |
| 10 | 0.164 | 0.408 | 0.007 |
| 17 | 0.210 | 0.501 | 0.005 |
| 28 | 0.248 | 0.498 | 0.001 |
| 17 | 0.177 | 0.350 | 0.014 |
| 31 | 0.292 | 0.501 | 0.002 |
| 10 | 0.323 | 0.575 | 0.000 |
| 11 | 0.162 | 0.345 | 0.021 |
| 14 | 0.368 | 0.474 | 0.003 |
| 14 | 0.147 | 0.435 | 0.007 |
| 17 | 0.227 | 0.437 | 0.003 |
| 14 | 0.200 | 0.434 | 0.003 |
| 10 | 0.256 | 0.460 | 0.002 |
| 14 | 0.149 | 0.403 | 0.010 |
| 36 | 0.188 | 0.439 | 0.003 |
| 19 | 0.207 | 0.472 | 0.001 |
| 21 | 0.309 | 0.545 | 0.000 |
| 65 | 0.489 | 0.579 | 0.000 |
| 14 | 0.298 | 0.502 | 0.000 |
| 11 | 0.229 | 0.450 | 0.002 |
| 15 | 0.135 | 0.392 | 0.016 |
| 16 | 0.348 | 0.526 | 0.000 |
| 15 | 0.214 | 0.469 | 0.002 |
| 46 | 0.204 | 0.466 | 0.002 |
| 11 | 0.524 | 0.542 | 0.000 |
| 14 | 0.333 | 0.523 | 0.001 |
| 11 | 0.216 | 0.512 | 0.000 |
| 56 | 0.566 | 0.538 | 0.000 |
| 10 | 0.175 | 0.438 | 0.002 |
| 34 | 0.333 | 0.539 | 0.001 |
| 29 | 0.248 | 0.444 | 0.005 |
| 13 | 0.206 | 0.565 | 0.000 |
| 18 | 0.173 | 0.530 | 0.001 |
| 10 | 0.182 | 0.375 | 0.006 |
| 23 | 0.240 | 0.477 | 0.000 |
| 14 | 0.286 | 0.465 | 0.000 |
| 10 | 0.169 | 0.419 | 0.004 |
| 10 | 0.167 | 0.446 | 0.002 |
| 13 | 0.722 | 0.588 | 0.000 |
| 18 | 0.327 | 0.555 | 0.000 |
| 12 | 0.211 | 0.503 | 0.000 |

| het-ratio (Chn/Afr) | het-ratio p-value | Afr_LRHtest_# of HapMap SNPs within region |
|---------------------|-------------------|--|
| 0.584 | 0.129 | 66 |
| 0.303 | 0.066 | 2 |
| 0.418 | 0.088 | 20 |
| 0.281 | 0.039 | 8 |
| 0.317 | 0.008 | 116 |
| 0.475 | 0.035 | 51 |
| 0.053 | 0.004 | 19 |
| 0.526 | 0.084 | 26 |
| 0.270 | 0.004 | 0 |
| 0.557 | 0.142 | 15 |
| 0.365 | 0.044 | 40 |
| 0.272 | 0.035 | 14 |
| 1.468 | 0.978 | 16 |
| 0.253 | 0.009 | 0 |
| 0.507 | 0.081 | 41 |
| 0.924 | 0.642 | 43 |
| 0.363 | 0.012 | 142 |
| 0.695 | 0.264 | 23 |
| 0.482 | 0.109 | 11 |
| 0.040 | 0.001 | 0 |
| 0.493 | 0.113 | 11 |
| 0.436 | 0.056 | 41 |
| 0.307 | 0.029 | 33 |
| 0.253 | 0.009 | 56 |
| 0.081 | 0.011 | 5 |
| 0.263 | 0.013 | 32 |
| 0.571 | 0.114 | 27 |
| 0.866 | 0.506 | 57 |
| 0.332 | 0.011 | 173 |
| 0.288 | 0.015 | 52 |
| 0.433 | 0.055 | 24 |
| 0.686 | 0.247 | 13 |
| 0.419 | 0.068 | 10 |
| 0.574 | 0.135 | 16 |
| 0.523 | 0.105 | 21 |
| 0.545 | 0.125 | 15 |
| 0.074 | 0 | 183 |
| 0.311 | 0.027 | 71 |
| 0.091 | 0.008 | 10 |
| 0.028 | 0.001 | 25 |
| 0.203 | 0.014 | 0 |
| 0.023 | 0 | 40 |
| 0.272 | 0.01 | 55 |
| 0.366 | 0.015 | 0 |
| 0.060 | 0.001 | 27 |
| 0.205 | 0.013 | 24 |
| 0.084 | 0.003 | 37 |
| 0.343 | 0.007 | 91 |
| 0.287 | 0.033 | 25 |
| 0.510 | 0.076 | 55 |
| 0.661 | 0.184 | 40 |

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|-------|-------|-----|
| 0.429 | 0.053 | 59 |
| 1.820 | 0.995 | 14 |
| 0.498 | 0.077 | 79 |
| 0.139 | 0 | 134 |
| 0.358 | 0.049 | 22 |
| 0.536 | 0.119 | 14 |
| 0.208 | 0.01 | 47 |
| 0.176 | 0.019 | 22 |
| 0.883 | 0.546 | 62 |
| 0.469 | 0.029 | 72 |
| 0.112 | 0.008 | 11 |
| 0.031 | 0.002 | 30 |
| 0.270 | 0.017 | 34 |
| 0.387 | 0.046 | 17 |
| 0.603 | 0.175 | 40 |
| 0.564 | 0.139 | 45 |
| 0.456 | 0.07 | 29 |
| 0.469 | 0.083 | 38 |
| 0.343 | 0.028 | 52 |
| 0.111 | 0.001 | 146 |
| 0.688 | 0.173 | 52 |
| 0.644 | 0.186 | 15 |
| 0.898 | 0.595 | 43 |
| 0.215 | 0.015 | 40 |
| 0.671 | 0.197 | 38 |
| 0.138 | 0.004 | 70 |
| 0.402 | 0.063 | 26 |
| 0.916 | 0.585 | 6 |
| 0.462 | 0.064 | 50 |
| 1.935 | 1 | 13 |
| 0.456 | 0.06 | 53 |
| 0.145 | 0.004 | 70 |
| 0.383 | 0.03 | 59 |
| 0.292 | 0.019 | 120 |
| 0.336 | 0.016 | 34 |
| 0.709 | 0.226 | 1 |
| 0.207 | 0.006 | 64 |
| 0.517 | 0.11 | 29 |
| 0.754 | 0.328 | 20 |
| 0.532 | 0.127 | 23 |
| 0.175 | 0.003 | 98 |
| 0.162 | 0.004 | 30 |
| 0.000 | 0.003 | 3 |
| 0.340 | 0.012 | 95 |
| 0.440 | 0.061 | 19 |
| 0.267 | 0.012 | 35 |
| 0.432 | 0.054 | 11 |
| 0.409 | 0.056 | 22 |
| 0.403 | 0.037 | 51 |
| 0.126 | 0.003 | 24 |
| 0.291 | 0.021 | 29 |
| 0.348 | 0.026 | 54 |

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|-------|-------|-----|
| 0.592 | 0.157 | 41 |
| 0.157 | 0.008 | 43 |
| 0.525 | 0.114 | 8 |
| 0.217 | 0.015 | 28 |
| 0.501 | 0.089 | 15 |
| 0.685 | 0.238 | 5 |
| 0.256 | 0.004 | 152 |
| 0.430 | 0.098 | 13 |
| 0.369 | 0.025 | 46 |
| 0.136 | 0.005 | 29 |
| 0.742 | 0.336 | 0 |
| 0.759 | 0.322 | 69 |
| 0.526 | 0.073 | 42 |
| 0.262 | 0.007 | 135 |
| 0.515 | 0.092 | 49 |
| 0.253 | 0.011 | 49 |
| 0.314 | 0.02 | 25 |
| 0.383 | 0.025 | 39 |
| 0.581 | 0.142 | 20 |
| 0.818 | 0.39 | 75 |
| 0.141 | 0.013 | 11 |
| 0.867 | 0.525 | 36 |
| 0.192 | 0.009 | 43 |
| 0.208 | 0.003 | 58 |
| 0.139 | 0.005 | 46 |
| 0.282 | 0.019 | 14 |
| 0.373 | 0.02 | 56 |
| 0.167 | 0.008 | 33 |
| 0.320 | 0.034 | 29 |
| 0.557 | 0.127 | 24 |
| 0.657 | 0.185 | 66 |
| 0.558 | 0.112 | 35 |
| 0.491 | 0.082 | 64 |
| 0.773 | 0.349 | 39 |
| 0.547 | 0.112 | 44 |
| 0.511 | 0.086 | 46 |
| 0.230 | 0.027 | 13 |
| 0.312 | 0.01 | 49 |
| 0.422 | 0.048 | 49 |
| 0.917 | 0.634 | 22 |
| 0.479 | 0.048 | 84 |
| 0.546 | 0.092 | 38 |
| 0.168 | 0.013 | 34 |
| 0.456 | 0.062 | 38 |
| 0.106 | 0.005 | 78 |
| 0.697 | 0.252 | 28 |
| 0.960 | 0.659 | 15 |
| 0.467 | 0.068 | 17 |
| 0.650 | 0.247 | 19 |
| 0.101 | 0.006 | 46 |
| 0.455 | 0.067 | 35 |
| 0.834 | 0.457 | 57 |

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|-------|-------|-----|
| 0.376 | 0.053 | 29 |
| 0.300 | 0.01 | 174 |
| 0.193 | 0.005 | 64 |
| 0.167 | 0.007 | 26 |
| 0.663 | 0.188 | 70 |
| 0.000 | 0.001 | 5 |
| 0.339 | 0.045 | 8 |
| 0.258 | 0.027 | 20 |
| 0.446 | 0.08 | 18 |
| 0.519 | 0.088 | 42 |
| 0.310 | 0.016 | 22 |
| 0.816 | 0.425 | 29 |
| 0.067 | 0 | 17 |
| 0.878 | 0.535 | 19 |
| 0.147 | 0.017 | 43 |
| 0.061 | 0 | 67 |
| 0.017 | 0 | 18 |
| 0.260 | 0.03 | 26 |
| 0.376 | 0.053 | 14 |
| 0.171 | 0.007 | 30 |
| 0.225 | 0.043 | 9 |
| 0.178 | 0.019 | 35 |
| 0.265 | 0.012 | 43 |
| 0.195 | 0.007 | 43 |
| 0.665 | 0.224 | 47 |
| 1.156 | 0.906 | 15 |
| 1.225 | 0.966 | 27 |
| 0.285 | 0.033 | 38 |
| 0.518 | 0.148 | 7 |
| 0.340 | 0.071 | 14 |
| 0.443 | 0.036 | 50 |
| 0.219 | 0.003 | 147 |
| 0.191 | 0.017 | 21 |
| 0.279 | 0.022 | 0 |
| 0.467 | 0.091 | 6 |
| 0.319 | 0.022 | 32 |
| 0.646 | 0.163 | 39 |
| 0.355 | 0.049 | 16 |
| 0.588 | 0.12 | 32 |
| 0.309 | 0.024 | 43 |
| 0.423 | 0.048 | 42 |
| 0.288 | 0.023 | 62 |
| 0.175 | 0 | 245 |
| 0.238 | 0.004 | 83 |
| 0.433 | 0.027 | 115 |
| 0.312 | 0.045 | 30 |
| 0.342 | 0.021 | 107 |
| 0.883 | 0.549 | 69 |
| 0.647 | 0.206 | 56 |
| 0.592 | 0.11 | 80 |
| 0.658 | 0.212 | 32 |
| 0.182 | 0.007 | 37 |

| | | |
|-------|-------|-----|
| 0.399 | 0.074 | 33 |
| 0.429 | 0.044 | 89 |
| 0.222 | 0.003 | 168 |
| 0.502 | 0.104 | 36 |
| 0.303 | 0.02 | 74 |
| 0.399 | 0.023 | 64 |
| 0.422 | 0.027 | 129 |
| 0.626 | 0.144 | 54 |
| 0.321 | 0.026 | 53 |
| 0.061 | 0.003 | 62 |
| 0.368 | 0.023 | 79 |
| 0.693 | 0.27 | 42 |
| 0.991 | 0.716 | 36 |
| 0.508 | 0.083 | 80 |
| 0.614 | 0.103 | 126 |
| 0.582 | 0.163 | 36 |
| 0.649 | 0.215 | 0 |
| 0.607 | 0.081 | 189 |
| 0.488 | 0.06 | 32 |
| 0.279 | 0.072 | 16 |
| 0.538 | 0.12 | 24 |
| 0.179 | 0.013 | 57 |
| 0.137 | 0.004 | 36 |
| 0.833 | 0.469 | 21 |
| 1.300 | 0.984 | 25 |
| 0.476 | 0.103 | 0 |
| 0.467 | 0.079 | 20 |
| 0.336 | 0.029 | 25 |
| 0.204 | 0.007 | 86 |
| 0.249 | 0.009 | 48 |
| 0.230 | 0.018 | 37 |
| 0.720 | 0.288 | 38 |
| 0.083 | 0.001 | 76 |
| 0.125 | 0.004 | 18 |
| 0.357 | 0.023 | 61 |
| 0.538 | 0.106 | 42 |
| 0.429 | 0.035 | 57 |
| 0.112 | 0.009 | 27 |
| 0.274 | 0.031 | 50 |
| 0.196 | 0.014 | 19 |
| 0.537 | 0.111 | 17 |
| 0.307 | 0.03 | 9 |
| 0.839 | 0.481 | 36 |
| 0.584 | 0.124 | 24 |
| 0.590 | 0.139 | 12 |
| 0.457 | 0.063 | 28 |
| 0.783 | 0.315 | 50 |
| 0.692 | 0.23 | 23 |
| 0.581 | 0.149 | 14 |
| 0.222 | 0.016 | 53 |
| 0.428 | 0.07 | 16 |
| 0.761 | 0.324 | 46 |

| | | |
|-------|-------|-----|
| 0.364 | 0.036 | 47 |
| 0.304 | 0.026 | 22 |
| 0.383 | 0.025 | 73 |
| 0.352 | 0.052 | 27 |
| 0.387 | 0.073 | 24 |
| 0.841 | 0.491 | 0 |
| 0.330 | 0.018 | 51 |
| 0.539 | 0.11 | 32 |
| 0.959 | 0.697 | 28 |
| 0.129 | 0.007 | 8 |
| 0.220 | 0.021 | 16 |
| 0.133 | 0.005 | 115 |
| 0.586 | 0.139 | 40 |
| 0.318 | 0.025 | 67 |
| 1.191 | 0.967 | 116 |
| 0.561 | 0.122 | 0 |
| 0.578 | 0.166 | 6 |
| 0.268 | 0.005 | 165 |
| 0.453 | 0.032 | 98 |
| 0.015 | 0.002 | 16 |
| 0.285 | 0.019 | 50 |
| 0.588 | 0.153 | 34 |
| 0.132 | 0.007 | 25 |
| 0.445 | 0.044 | 49 |
| 0.493 | 0.114 | 11 |
| 0.195 | 0.007 | 63 |
| 0.294 | 0.024 | 82 |
| 0.642 | 0.207 | 30 |
| 0.356 | 0.026 | 33 |
| 0.434 | 0.097 | 18 |
| 0.284 | 0.03 | 23 |
| 0.551 | 0.084 | 56 |
| 1.043 | 0.775 | 21 |
| 0.819 | 0.423 | 15 |
| 0.222 | 0.009 | 17 |
| 0.481 | 0.064 | 43 |
| 0.107 | 0.012 | 5 |
| 0.729 | 0.317 | 8 |
| 0.440 | 0.056 | 29 |
| 0.667 | 0.189 | 45 |
| 0.112 | 0.004 | 28 |
| 0.522 | 0.123 | 18 |
| 0.250 | 0.009 | 40 |
| 0.448 | 0.043 | 100 |
| 0.292 | 0.016 | 59 |
| 0.499 | 0.102 | 36 |
| 0.520 | 0.07 | 0 |
| 0.637 | 0.194 | 18 |
| 0.393 | 0.033 | 59 |
| 0.665 | 0.159 | 81 |
| 0.068 | 0.001 | 25 |
| 0.225 | 0.018 | 22 |

| | | |
|-------|-------|-----|
| 0.091 | 0 | 155 |
| 0.757 | 0.327 | 7 |
| 0.502 | 0.104 | 41 |
| 0.329 | 0.032 | 27 |
| 0.965 | 0.713 | 20 |
| 0.409 | 0.067 | 17 |
| 0.639 | 0.19 | 21 |
| 0.113 | 0.002 | 0 |
| 0.255 | 0.015 | 39 |
| 0.712 | 0.253 | 41 |
| 0.558 | 0.118 | 38 |
| 0.495 | 0.108 | 21 |
| 0.693 | 0.246 | 86 |
| 0.518 | 0.107 | 0 |
| 0.436 | 0.039 | 54 |
| 0.651 | 0.192 | 43 |
| 0.840 | 0.47 | 35 |
| 0.656 | 0.232 | 18 |
| 0.221 | 0.005 | 62 |
| 0.134 | 0.001 | 182 |
| 0.431 | 0.05 | 74 |
| 0.182 | 0.013 | 0 |
| 0.150 | 0.005 | 53 |
| 0.772 | 0.364 | 56 |
| 0.298 | 0.032 | 53 |
| 0.255 | 0.019 | 56 |
| 0.466 | 0.095 | 38 |
| 0.231 | 0.011 | 51 |
| 0.046 | 0 | 138 |
| 0.506 | 0.123 | 5 |
| 0.653 | 0.224 | 21 |
| 0.251 | 0.026 | 18 |
| 3.326 | 1 | 45 |
| 0.140 | 0.011 | 8 |
| 0.046 | 0.001 | 0 |
| 0.381 | 0.025 | 83 |
| 0.005 | 0 | 25 |
| 0.070 | 0.001 | 44 |
| 0.687 | 0.243 | 21 |
| 0.503 | 0.078 | 53 |
| 0.964 | 0.669 | 25 |
| 0.283 | 0.016 | 28 |
| 0.269 | 0.014 | 27 |
| 0.465 | 0.119 | 9 |
| 0.563 | 0.12 | 25 |
| 0.877 | 0.498 | 54 |

| Afr_LRHtest_# of extreme SNPs | Afr_LRHtest_proportion of extreme SNPs | Afr_LRHtest_p-value |
|-------------------------------|--|---------------------|
| 3 | 0.045454545 | |
| 0 | 0 | |
| 0 | 0 | |
| 0 | 0 | |
| 2 | 0.017241379 | |
| 0 | 0 | |
| 3 | 0.157894737 | 0.101 |
| 0 | 0 | |
| 0 | NA | |
| 0 | 0 | |
| 4 | 0.1 | 0.154 |
| 0 | 0 | |
| 7 | 0.4375 | 0.020 |
| 0 | NA | |
| 1 | 0.024390244 | |
| 4 | 0.093023256 | 0.164 |
| 6 | 0.042253521 | |
| 0 | 0 | |
| 0 | 0 | |
| 0 | NA | |
| 0 | 0 | |
| 7 | 0.170731707 | 0.098 |
| 0 | 0 | |
| 1 | 0.017857143 | |
| 0 | 0 | |
| 0 | 0 | |
| 0 | 0 | |
| 2 | 0.035087719 | |
| 0 | 0 | |
| 5 | 0.096153846 | 0.159 |
| 1 | 0.041666667 | |
| 0 | 0 | |
| 0 | 0 | |
| 0 | 0 | |
| 0 | 0 | |
| 3 | 0.2 | 0.065 |
| 74 | 0.404371585 | 0.012 |
| 0 | 0 | |
| 6 | 0.6 | 0.005 |
| 0 | 0 | |
| 0 | NA | |
| 1 | 0.025 | |
| 1 | 0.018181818 | |
| 0 | NA | |
| 2 | 0.074074074 | 0.237 |
| 2 | 0.083333333 | 0.175 |
| 1 | 0.027027027 | |
| 8 | 0.087912088 | 0.192 |
| 1 | 0.04 | |
| 2 | 0.036363636 | |
| 0 | 0 | |

| | | |
|----|-------------|-------|
| 0 | 0 | |
| 1 | 0.071428571 | 0.226 |
| 5 | 0.063291139 | 0.210 |
| 3 | 0.02238806 | |
| 0 | 0 | |
| 0 | 0 | |
| 3 | 0.063829787 | 0.227 |
| 0 | 0 | |
| 2 | 0.032258065 | |
| 2 | 0.027777778 | |
| 0 | 0 | |
| 1 | 0.033333333 | |
| 2 | 0.058823529 | 0.240 |
| 0 | 0 | |
| 2 | 0.05 | |
| 0 | 0 | |
| 0 | 0 | |
| 0 | 0 | |
| 5 | 0.096153846 | 0.170 |
| 2 | 0.01369863 | |
| 1 | 0.019230769 | |
| 0 | 0 | |
| 1 | 0.023255814 | |
| 0 | 0 | |
| 0 | 0 | |
| 1 | 0.014285714 | |
| 0 | 0 | |
| 0 | 0 | |
| 1 | 0.02 | |
| 0 | 0 | |
| 0 | 0 | |
| 6 | 0.085714286 | 0.209 |
| 0 | 0 | |
| 3 | 0.025 | |
| 0 | 0 | |
| 0 | 0 | |
| 16 | 0.25 | 0.037 |
| 1 | 0.034482759 | |
| 1 | 0.05 | |
| 0 | 0 | |
| 24 | 0.244897959 | 0.052 |
| 1 | 0.033333333 | |
| 0 | 0 | |
| 5 | 0.052631579 | 0.256 |
| 0 | 0 | |
| 1 | 0.028571429 | |
| 0 | 0 | |
| 0 | 0 | |
| 1 | 0.019607843 | |
| 0 | 0 | |
| 0 | 0 | |
| 2 | 0.037037037 | |

| | | |
|----|-------------|-------|
| 0 | 0 | |
| 2 | 0.046511628 | |
| 0 | 0 | |
| 1 | 0.035714286 | |
| 2 | 0.133333333 | 0.106 |
| 0 | 0 | |
| 5 | 0.032894737 | |
| 0 | 0 | |
| 7 | 0.152173913 | 0.102 |
| 0 | 0 | |
| 0 | NA | |
| 1 | 0.014492754 | |
| 0 | 0 | |
| 33 | 0.244444444 | 0.045 |
| 3 | 0.06122449 | 0.261 |
| 0 | 0 | |
| 0 | 0 | |
| 9 | 0.230769231 | 0.041 |
| 0 | 0 | |
| 44 | 0.586666667 | 0.003 |
| 3 | 0.272727273 | 0.026 |
| 0 | 0 | |
| 3 | 0.069767442 | 0.189 |
| 1 | 0.017241379 | |
| 1 | 0.02173913 | |
| 3 | 0.214285714 | 0.053 |
| 10 | 0.178571429 | 0.049 |
| 0 | 0 | |
| 4 | 0.137931034 | 0.086 |
| 0 | 0 | |
| 1 | 0.015151515 | |
| 4 | 0.114285714 | 0.132 |
| 0 | 0 | |
| 2 | 0.051282051 | 0.269 |
| 4 | 0.090909091 | 0.165 |
| 7 | 0.152173913 | 0.083 |
| 0 | 0 | |
| 1 | 0.020408163 | |
| 0 | 0 | |
| 4 | 0.181818182 | 0.060 |
| 0 | 0 | |
| 4 | 0.105263158 | 0.129 |
| 0 | 0 | |
| 1 | 0.026315789 | |
| 7 | 0.08974359 | 0.157 |
| 2 | 0.071428571 | 0.192 |
| 3 | 0.2 | 0.059 |
| 2 | 0.117647059 | 0.138 |
| 0 | 0 | |
| 3 | 0.065217391 | 0.227 |
| 2 | 0.057142857 | 0.261 |
| 0 | 0 | |

| | | |
|----|-------------|-------|
| 1 | 0.034482759 | |
| 36 | 0.206896552 | 0.056 |
| 2 | 0.03125 | |
| 0 | 0 | |
| 16 | 0.228571429 | 0.036 |
| 0 | 0 | |
| 0 | 0 | |
| 3 | 0.15 | 0.085 |
| 0 | 0 | |
| 0 | 0 | |
| 0 | 0 | |
| 3 | 0.103448276 | 0.149 |
| 0 | 0 | |
| 0 | 0 | |
| 0 | 0 | |
| 0 | 0 | |
| 5 | 0.277777778 | 0.025 |
| 3 | 0.115384615 | 0.119 |
| 0 | 0 | |
| 0 | 0 | |
| 4 | 0.444444444 | 0.005 |
| 2 | 0.057142857 | 0.281 |
| 2 | 0.046511628 | |
| 9 | 0.209302326 | 0.041 |
| 2 | 0.042553191 | |
| 0 | 0 | |
| 0 | 0 | |
| 0 | 0 | |
| 0 | 0 | |
| 0 | 0 | |
| 0 | 0 | |
| 0 | 0 | |
| 13 | 0.088435374 | 0.173 |
| 0 | 0 | |
| 0 | NA | |
| 0 | 0 | |
| 0 | 0 | |
| 5 | 0.128205128 | 0.108 |
| 3 | 0.1875 | 0.067 |
| 3 | 0.09375 | 0.151 |
| 0 | 0 | |
| 2 | 0.047619048 | |
| 4 | 0.064516129 | 0.227 |
| 78 | 0.318367347 | 0.020 |
| 8 | 0.096385542 | 0.177 |
| 18 | 0.156521739 | 0.090 |
| 1 | 0.033333333 | |
| 6 | 0.056074766 | 0.280 |
| 1 | 0.014492754 | |
| 3 | 0.053571429 | 0.276 |
| 5 | 0.0625 | 0.266 |
| 1 | 0.03125 | |
| 8 | 0.216216216 | 0.039 |

| | | |
|----|-------------|-------|
| 0 | 0 | |
| 6 | 0.06741573 | 0.200 |
| 27 | 0.160714286 | 0.074 |
| 0 | 0 | |
| 0 | 0 | |
| 0 | 0 | |
| 0 | 0 | |
| 0 | 0 | |
| 0 | 0 | |
| 2 | 0.032258065 | |
| 2 | 0.025316456 | |
| 32 | 0.761904762 | 0.001 |
| 0 | 0 | |
| 2 | 0.025 | |
| 3 | 0.023809524 | |
| 0 | 0 | |
| 0 | NA | |
| 19 | 0.100529101 | 0.148 |
| 0 | 0 | |
| 1 | 0.0625 | 0.234 |
| 8 | 0.333333333 | 0.014 |
| 5 | 0.087719298 | 0.157 |
| 1 | 0.027777778 | |
| 0 | 0 | |
| 3 | 0.12 | 0.128 |
| 0 | NA | |
| 0 | 0 | |
| 0 | 0 | |
| 0 | 0 | |
| 0 | 0 | |
| 1 | 0.027027027 | |
| 0 | 0 | |
| 6 | 0.078947368 | 0.191 |
| 1 | 0.055555556 | 0.280 |
| 1 | 0.016393443 | |
| 0 | 0 | |
| 0 | 0 | |
| 0 | 0 | |
| 8 | 0.16 | 0.084 |
| 0 | 0 | |
| 1 | 0.058823529 | 0.228 |
| 0 | 0 | |
| 3 | 0.083333333 | 0.174 |
| 1 | 0.041666667 | |
| 0 | 0 | |
| 8 | 0.285714286 | 0.020 |
| 0 | 0 | |
| 0 | 0 | |
| 0 | 0 | |
| 5 | 0.094339623 | 0.152 |
| 11 | 0.6875 | 0.000 |
| 1 | 0.02173913 | |

| | | |
|---|-------------|-------|
| 0 | 0 | |
| 0 | 0 | |
| 0 | 0 | |
| 0 | 0 | |
| 1 | 0.041666667 | |
| 0 | NA | |
| 0 | 0 | |
| 5 | 0.15625 | 0.092 |
| 1 | 0.035714286 | |
| 1 | 0.125 | 0.104 |
| 0 | 0 | |
| 2 | 0.017391304 | |
| 0 | 0 | |
| 0 | 0 | |
| 0 | 0 | |
| 0 | NA | |
| 0 | 0 | |
| 5 | 0.03030303 | |
| 7 | 0.071428571 | 0.210 |
| 0 | 0 | |
| 1 | 0.02 | |
| 0 | 0 | |
| 0 | 0 | |
| 0 | 0 | |
| 0 | 0 | |
| 6 | 0.095238095 | 0.144 |
| 5 | 0.06097561 | 0.254 |
| 2 | 0.066666667 | 0.228 |
| 0 | 0 | |
| 1 | 0.055555556 | 0.270 |
| 3 | 0.130434783 | 0.085 |
| 1 | 0.017857143 | |
| 0 | 0 | |
| 0 | 0 | |
| 2 | 0.117647059 | 0.110 |
| 1 | 0.023255814 | |
| 0 | 0 | |
| 0 | 0 | |
| 0 | 0 | |
| 2 | 0.044444444 | |
| 3 | 0.107142857 | 0.117 |
| 0 | 0 | |
| 3 | 0.075 | 0.179 |
| 7 | 0.07 | 0.183 |
| 2 | 0.033898305 | |
| 2 | 0.055555556 | 0.257 |
| 0 | NA | |
| 1 | 0.055555556 | 0.248 |
| 3 | 0.050847458 | 0.297 |
| 4 | 0.049382716 | |
| 0 | 0 | |
| 0 | 0 | |

| | | |
|----|-------------|-------|
| 0 | 0 | |
| 0 | 0 | |
| 2 | 0.048780488 | |
| 6 | 0.222222222 | 0.033 |
| 0 | 0 | |
| 0 | 0 | |
| 0 | 0 | |
| 0 | NA | |
| 0 | 0 | |
| 9 | 0.219512195 | 0.032 |
| 0 | 0 | |
| 3 | 0.142857143 | 0.093 |
| 13 | 0.151162791 | 0.073 |
| 0 | NA | |
| 3 | 0.055555556 | 0.288 |
| 0 | 0 | |
| 13 | 0.371428571 | 0.005 |
| 1 | 0.055555556 | 0.278 |
| 0 | 0 | |
| 4 | 0.021978022 | |
| 0 | 0 | |
| 0 | NA | |
| 1 | 0.018867925 | |
| 2 | 0.035714286 | |
| 7 | 0.132075472 | 0.075 |
| 6 | 0.107142857 | 0.097 |
| 3 | 0.078947368 | 0.204 |
| 3 | 0.058823529 | 0.256 |
| 0 | 0 | |
| 0 | 0 | |
| 0 | 0 | |
| 9 | 0.5 | 0.002 |
| 1 | 0.022222222 | |
| 0 | 0 | |
| 0 | NA | |
| 0 | 0 | |
| 0 | 0 | |
| 0 | 0 | |
| 0 | 0 | |
| 0 | 0 | |
| 1 | 0.04 | |
| 0 | 0 | |
| 6 | 0.222222222 | 0.016 |
| 1 | 0.111111111 | 0.105 |
| 3 | 0.12 | 0.111 |
| 14 | 0.259259259 | 0.005 |

| Chn_LRHtest_# of HapMap SNPs within region | Chn_LRHtest_# of extreme SNPs |
|--|-------------------------------|
| 45 | 0 |
| 1 | 0 |
| 13 | 0 |
| 3 | 0 |
| 83 | 26 |
| 53 | 27 |
| 16 | 0 |
| 21 | 7 |
| 0 | 0 |
| 15 | 0 |
| 17 | 0 |
| 14 | 0 |
| 18 | 0 |
| 0 | 0 |
| 42 | 5 |
| 44 | 2 |
| 124 | 0 |
| 18 | 2 |
| 9 | 0 |
| 0 | 0 |
| 13 | 0 |
| 25 | 5 |
| 21 | 3 |
| 46 | 5 |
| 0 | 0 |
| 21 | 0 |
| 25 | 2 |
| 49 | 27 |
| 118 | 38 |
| 37 | 4 |
| 21 | 0 |
| 3 | 0 |
| 9 | 6 |
| 18 | 0 |
| 18 | 2 |
| 14 | 0 |
| 52 | 41 |
| 24 | 0 |
| 7 | 0 |
| 22 | 0 |
| 0 | 0 |
| 3 | 0 |
| 38 | 0 |
| 0 | 0 |
| 15 | 1 |
| 8 | 0 |
| 3 | 0 |
| 77 | 43 |
| 6 | 0 |
| 44 | 0 |
| 41 | 7 |

| | |
|----|----|
| 54 | 9 |
| 15 | 0 |
| 55 | 0 |
| 46 | 13 |
| 7 | 0 |
| 13 | 0 |
| 18 | 0 |
| 14 | 13 |
| 54 | 5 |
| 53 | 9 |
| 9 | 0 |
| 2 | 0 |
| 20 | 6 |
| 18 | 1 |
| 28 | 0 |
| 33 | 0 |
| 20 | 2 |
| 30 | 0 |
| 44 | 8 |
| 48 | 6 |
| 59 | 12 |
| 17 | 0 |
| 45 | 2 |
| 33 | 1 |
| 39 | 13 |
| 49 | 0 |
| 23 | 0 |
| 8 | 0 |
| 44 | 19 |
| 12 | 1 |
| 41 | 18 |
| 6 | 0 |
| 44 | 1 |
| 75 | 2 |
| 33 | 9 |
| 1 | 0 |
| 4 | 0 |
| 27 | 5 |
| 18 | 2 |
| 20 | 4 |
| 78 | 10 |
| 29 | 0 |
| 3 | 0 |
| 84 | 0 |
| 12 | 0 |
| 29 | 9 |
| 9 | 3 |
| 21 | 2 |
| 35 | 0 |
| 18 | 3 |
| 21 | 8 |
| 39 | 1 |

| | |
|----|----|
| 26 | 6 |
| 23 | 0 |
| 9 | 8 |
| 26 | 0 |
| 14 | 0 |
| 6 | 0 |
| 49 | 0 |
| 17 | 0 |
| 33 | 2 |
| 11 | 0 |
| 0 | 0 |
| 82 | 29 |
| 36 | 0 |
| 37 | 1 |
| 43 | 0 |
| 43 | 5 |
| 23 | 1 |
| 14 | 0 |
| 18 | 0 |
| 63 | 0 |
| 11 | 0 |
| 41 | 12 |
| 34 | 0 |
| 24 | 0 |
| 31 | 1 |
| 15 | 7 |
| 48 | 5 |
| 32 | 0 |
| 32 | 1 |
| 21 | 2 |
| 39 | 0 |
| 35 | 0 |
| 40 | 13 |
| 39 | 8 |
| 46 | 6 |
| 48 | 23 |
| 11 | 0 |
| 28 | 3 |
| 40 | 9 |
| 23 | 7 |
| 83 | 6 |
| 39 | 4 |
| 16 | 0 |
| 44 | 5 |
| 39 | 4 |
| 26 | 0 |
| 13 | 3 |
| 19 | 3 |
| 19 | 0 |
| 30 | 0 |
| 28 | 6 |
| 43 | 0 |

| | |
|-----|----|
| 15 | 0 |
| 46 | 4 |
| 16 | 0 |
| 6 | 0 |
| 74 | 0 |
| 8 | 0 |
| 7 | 2 |
| 13 | 1 |
| 11 | 3 |
| 29 | 0 |
| 17 | 0 |
| 30 | 9 |
| 10 | 2 |
| 15 | 0 |
| 29 | 0 |
| 5 | 0 |
| 0 | 0 |
| 14 | 0 |
| 12 | 2 |
| 17 | 0 |
| 4 | 0 |
| 21 | 3 |
| 36 | 0 |
| 17 | 0 |
| 17 | 0 |
| 13 | 0 |
| 23 | 0 |
| 30 | 0 |
| 7 | 0 |
| 9 | 0 |
| 43 | 5 |
| 98 | 43 |
| 10 | 6 |
| 0 | 0 |
| 4 | 0 |
| 17 | 0 |
| 25 | 4 |
| 8 | 0 |
| 25 | 1 |
| 31 | 3 |
| 37 | 0 |
| 37 | 0 |
| 171 | 5 |
| 60 | 2 |
| 87 | 33 |
| 25 | 0 |
| 81 | 1 |
| 69 | 0 |
| 53 | 4 |
| 79 | 8 |
| 44 | 5 |
| 5 | 0 |

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| 32 | 0 |
| 58 | 0 |
| 103 | 1 |
| 23 | 0 |
| 71 | 12 |
| 50 | 0 |
| 92 | 0 |
| 50 | 7 |
| 36 | 0 |
| 44 | 4 |
| 44 | 2 |
| 16 | 0 |
| 43 | 36 |
| 79 | 12 |
| 100 | 10 |
| 39 | 0 |
| 0 | 0 |
| 212 | 9 |
| 28 | 5 |
| 14 | 1 |
| 15 | 5 |
| 27 | 3 |
| 34 | 17 |
| 21 | 0 |
| 27 | 9 |
| 0 | 0 |
| 18 | 3 |
| 20 | 2 |
| 60 | 8 |
| 20 | 0 |
| 22 | 17 |
| 29 | 4 |
| 70 | 4 |
| 4 | 0 |
| 42 | 33 |
| 32 | 2 |
| 41 | 18 |
| 14 | 11 |
| 31 | 0 |
| 12 | 0 |
| 18 | 1 |
| 9 | 0 |
| 28 | 7 |
| 27 | 0 |
| 13 | 4 |
| 23 | 6 |
| 41 | 4 |
| 27 | 1 |
| 15 | 0 |
| 49 | 0 |
| 13 | 0 |
| 39 | 12 |

| | |
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| 40 | 19 |
| 12 | 1 |
| 54 | 2 |
| 18 | 0 |
| 22 | 0 |
| 0 | 0 |
| 40 | 0 |
| 31 | 9 |
| 30 | 7 |
| 1 | 0 |
| 9 | 0 |
| 57 | 0 |
| 44 | 12 |
| 72 | 0 |
| 114 | 1 |
| 0 | 0 |
| 5 | 0 |
| 129 | 8 |
| 61 | 0 |
| 6 | 0 |
| 29 | 3 |
| 24 | 0 |
| 14 | 0 |
| 37 | 12 |
| 5 | 0 |
| 58 | 6 |
| 38 | 0 |
| 25 | 2 |
| 36 | 11 |
| 12 | 0 |
| 12 | 1 |
| 51 | 10 |
| 17 | 5 |
| 8 | 0 |
| 6 | 0 |
| 16 | 0 |
| 1 | 0 |
| 8 | 0 |
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| 40 | 0 |
| 20 | 1 |
| 15 | 0 |
| 35 | 0 |
| 69 | 4 |
| 32 | 0 |
| 32 | 0 |
| 0 | 0 |
| 19 | 3 |
| 36 | 1 |
| 84 | 7 |
| 15 | 2 |
| 13 | 0 |

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1

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

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| 0 | |
| 0 | |
| 0 | |
| 0 | |
| 0.313253012 | 0.060 |
| 0.509433962 | 0.014 |
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| 0.333333333 | 0.055 |
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| 0 | |
| 0 | |
| 0 | |
| NA | |
| 0.119047619 | 0.139 |
| 0.045454545 | |
| 0 | |
| 0.111111111 | 0.140 |
| 0 | |
| NA | |
| 0 | |
| 0.2 | 0.090 |
| 0.142857143 | 0.146 |
| 0.108695652 | 0.163 |
| NA | |
| 0 | |
| 0.08 | 0.201 |
| 0.551020408 | 0.007 |
| 0.322033898 | 0.041 |
| 0.108108108 | 0.156 |
| 0 | |
| 0 | |
| 0.666666667 | 0.000 |
| 0 | |
| 0.111111111 | 0.145 |
| 0 | |
| 0.788461538 | 0.002 |
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| NA | |
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| 0 | |
| NA | |
| 0.066666667 | 0.246 |
| 0 | |
| 0 | |
| 0.558441558 | 0.012 |
| 0 | |
| 0 | |
| 0.170731707 | 0.090 |

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| 0.166666667 | 0.094 |
| 0 | |
| 0 | |
| 0.282608696 | 0.031 |
| 0 | |
| 0 | |
| 0 | |
| 0.928571429 | 0.001 |
| 0.092592593 | 0.181 |
| 0.169811321 | 0.088 |
| 0 | |
| 0 | |
| 0.3 | 0.040 |
| 0.055555556 | 0.246 |
| 0 | |
| 0 | |
| 0.1 | 0.158 |
| 0 | |
| 0.181818182 | 0.095 |
| 0.125 | 0.140 |
| 0.203389831 | 0.071 |
| 0 | |
| 0.044444444 | |
| 0.03030303 | |
| 0.333333333 | 0.035 |
| 0 | |
| 0 | |
| 0 | |
| 0.431818182 | 0.020 |
| 0.083333333 | 0.185 |
| 0.43902439 | 0.009 |
| 0 | |
| 0.022727273 | |
| 0.026666667 | |
| 0.272727273 | 0.035 |
| 0 | |
| 0 | |
| 0.185185185 | 0.059 |
| 0.111111111 | 0.163 |
| 0.2 | 0.087 |
| 0.128205128 | 0.130 |
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| 0 | |
| 0 | |
| 0 | |
| 0.310344828 | 0.033 |
| 0.333333333 | 0.025 |
| 0.095238095 | 0.130 |
| 0 | |
| 0.166666667 | 0.078 |
| 0.380952381 | 0.022 |
| 0.025641026 | |

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| 0.230769231 | 0.049 |
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| 0.888888889 | 0.000 |
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| 0.060606061 | 0.270 |
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| 0.353658537 | 0.024 |
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| 0.11627907 | 0.158 |
| 0.043478261 | |
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| 0 | |
| 0 | |
| 0 | |
| 0.292682927 | 0.038 |
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| 0 | |
| 0.032258065 | |
| 0.466666667 | 0.007 |
| 0.104166667 | 0.188 |
| 0 | |
| 0.03125 | |
| 0.095238095 | 0.175 |
| 0 | |
| 0 | |
| 0.325 | 0.031 |
| 0.205128205 | 0.066 |
| 0.130434783 | 0.107 |
| 0.479166667 | 0.008 |
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| 0.107142857 | 0.169 |
| 0.225 | 0.062 |
| 0.304347826 | 0.033 |
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| 0.102564103 | 0.126 |
| 0 | |
| 0.113636364 | 0.127 |
| 0.102564103 | 0.131 |
| 0 | |
| 0.230769231 | 0.057 |
| 0.157894737 | 0.097 |
| 0 | |
| 0 | |
| 0.214285714 | 0.052 |
| 0 | |

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| 0.086956522 | 0.216 |
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| 0.076923077 | 0.225 |
| 0.272727273 | 0.046 |
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| 0 | |
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| 0.2 | 0.058 |
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| 0 | |
| NA | |
| 0 | |
| 0.166666667 | 0.064 |
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| 0 | |
| 0.142857143 | 0.089 |
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| 0 | |
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| 0.11627907 | 0.132 |
| 0.43877551 | 0.008 |
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| 0.096774194 | 0.178 |
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| 0.113636364 | 0.135 |
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| 0 | |
| 0.090909091 | 0.198 |
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| 0.057142857 | 0.276 |
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| 0.785714286 | 0.000 |
| 0.0625 | 0.260 |
| 0.43902439 | 0.011 |
| 0.785714286 | 0.001 |
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| 0 | |
| 0.055555556 | 0.236 |
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| 0.25 | 0.040 |
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| 0.307692308 | 0.019 |
| 0.260869565 | 0.038 |
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| 0.037037037 | |
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| 0.307692308 | 0.014 |

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| 0.475 | 0.009 |
| 0.083333333 | 0.192 |
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| NA | |
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| 0.290322581 | 0.028 |
| 0.233333333 | 0.040 |
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| 0.272727273 | 0.046 |
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| 0.00877193 | |
| NA | |
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| 0.062015504 | 0.202 |
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| 0 | |
| 0.103448276 | 0.143 |
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| 0 | |
| 0.324324324 | 0.007 |
| 0 | |
| 0.103448276 | 0.165 |
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| 0.08 | 0.213 |
| 0.305555556 | 0.020 |
| 0 | |
| 0.083333333 | 0.215 |
| 0.196078431 | 0.075 |
| 0.294117647 | 0.019 |
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| 0.05 | |
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| 0.057971014 | 0.281 |
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| 0.083333333 | 0.162 |
| 0.133333333 | 0.111 |
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LEPR

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C6orf167
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HAS2

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CHD2, AL831836

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DOK5

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