### Additional file 2: Table S2. Amplicon regions.

| No. | Amplicon   | Chromosome | Start Position | End Position |
|-----|------------|------------|----------------|--------------|
| 1   | AMPL98763  | chr9       | 5069847        | 5070002      |
| 2   | AMPL98764  | chr9       | 5069942        | 5070209      |
| 3   | AMPL200312 | chr9       | 5072428        | 5072691      |
| 4   | AMPL90247  | chr9       | 5073605        | 5073878      |
| 5   | AMPL90231  | chr9       | 5077317        | 5077554      |
| 6   | AMPL90232  | chr9       | 5077465        | 5077699      |
| 7   | AMPL90230  | chr9       | 5078234        | 5078508      |
| 8   | AMPL1554   | chr17      | 7572828        | 7573106      |
| 9   | AMPL1120   | chr17      | 7573853        | 7574119      |
| 10  | AMPL1079631 | chr17     | 7574670        | 7574932      |
| 11  | AMPL89085  | chr17      | 7575334        | 7575595      |
| 12  | AMPL89078  | chr17      | 7575758        | 7575781      |
| 13  | AMPL89076  | chr17      | 7576947        | 7577221      |
| 14  | AMPL1108   | chr17      | 7577373        | 7577640      |
| 15  | AMPL89077  | chr17      | 7578062        | 7578321      |
| 16  | AMPL1155   | chr17      | 7578184        | 7578446      |
| 17  | AMPL1156   | chr17      | 7578360        | 7578579      |
| 18  | AMPL1582   | chr17      | 7579263        | 7579513      |
| 19  | AMPL89075  | chr17      | 7579379        | 7579615      |
| 20  | AMPL89084  | chr17      | 7579585        | 7579843      |
| 21  | AMPL89079  | chr17      | 7579713        | 7579991      |
| 22  | AMPL200421 | chr19      | 13054318       | 13054595     |
| 23  | AMPL200422 | chr19      | 13054523       | 13054702     |
| 24  | AMPL117175 | chr19      | 13054634       | 13054811     |
| 25  | AMPL89344  | chr2       | 25457023       | 25457296     |
| 26  | AMPL89345  | chr2       | 25457241       | 25457463     |
| 27  | AMPL89341  | chr2       | 25458476       | 25458754     |
| 28  | AMPL89342  | chr2       | 25459665       | 25459930     |
| 29  | AMPL89335  | chr2       | 25461854       | 25462128     |
| 30  | AMPL89351  | chr2       | 25463078       | 25463354     |
| 31  | AMPL200683 | chr2       | 25463420       | 25463689     |
| 32  | AMPL89336  | chr2       | 25464282       | 25464554     |
| 33  | AMPL89337  | chr2       | 25464411       | 25464625     |
| 34  | AMPL89328  | chr2       | 25466602       | 25466882     |
| 35  | AMPL89329  | chr2       | 25466820       | 25467067     |
| 36  | AMPL89330  | chr2       | 25467017       | 25467290     |
| 37  | AMPL89349  | chr2       | 25467257       | 25467528     |
| 38  | AMPL89350  | chr2       | 25467455       | 25467732     |
| 39  | AMPL89347  | chr2       | 25467912       | 25468183     |
| 40  | AMPL89348  | chr2       | 25468123       | 25468398     |
| 41  | AMPL89331  | chr2       | 25468791       | 25469066     |
| 42  | AMPL89332  | chr2       | 25469006       | 25469224     |
| 43  | AMPL89323  | chr2       | 25469290       | 25469565     |
| 44  | AMPL89324  | chr2       | 25469472       | 25469740     |
| 45  | AMPL89338  | chr2       | 25469854       | 25470085     |
| 46  | AMPL89346  | chr2       | 25470399       | 25470668     |
| 47  | AMPL89325  | chr2       | 25470872       | 25471124     |
| 48  | AMPL89326  | chr2       | 25471065       | 25471217     |
|    |     |       |          |          |
|----|-----|-------|----------|----------|
| 49 | AMPL89334 | chr2  | 25472420 | 25472700 |
| 50 | AMPL89327 | chr2  | 25474886 | 25475152 |
| 51 | AMPL89318 | chr2  | 25497733 | 25497996 |
| 52 | AMPL89340 | chr2  | 25498240 | 25498480 |
| 53 | AMPL89320 | chr2  | 25505121 | 25505378 |
| 54 | AMPL89321 | chr2  | 25505241 | 25505511 |
| 55 | AMPL89322 | chr2  | 25505350 | 25505605 |
| 56 | AMPL89339 | chr2  | 25522980 | 25523258 |
| 57 | AMPL89343 | chr2  | 25536682 | 25536954 |
| 58 | AMPL89906 | chr13 | 28592520 | 28592795 |
| 59 | AMPL89919 | chr13 | 28607935 | 28608208 |
| 60 | AMPL89900 | chr13 | 28608133 | 28608408 |
| 61 | AMPL89896 | chr13 | 28608365 | 28608627 |
| 62 | AMPL90402 | chr20 | 31019319 | 31019552 |
| 63 | AMPL90410 | chr20 | 31020612 | 31020881 |
| 64 | AMPL90406 | chr20 | 31021053 | 31021328 |
| 65 | AMPL90407 | chr20 | 31021257 | 31021526 |
| 66 | AMPL90408 | chr20 | 31021466 | 31021619 |
| 67 | AMPL90409 | chr20 | 31021559 | 31021746 |
| 68 | AMPL90412 | chr20 | 31022147 | 31022420 |
| 69 | AMPL90413 | chr20 | 31022344 | 31022616 |
| 70 | AMPL90414 | chr20 | 31022561 | 31022729 |
| 71 | AMPL90415 | chr20 | 31022669 | 31022875 |
| 72 | AMPL90416 | chr20 | 31022815 | 31022995 |
| 73 | AMPL90417 | chr20 | 31022935 | 31023187 |
| 74 | AMPL90418 | chr20 | 31023127 | 31023404 |
| 75 | AMPL90419 | chr20 | 31023344 | 31023610 |
| 76 | AMPL90420 | chr20 | 31023550 | 31023788 |
| 77 | AMPL90421 | chr20 | 31023727 | 31023979 |
| 78 | AMPL90422 | chr20 | 31023918 | 31024184 |
| 79 | AMPL90423 | chr20 | 31024124 | 31024350 |
| 80 | AMPL90424 | chr20 | 31024290 | 31024556 |
| 81 | AMPL90425 | chr20 | 31024496 | 31024667 |
| 82 | AMPL90426 | chr20 | 31024607 | 31024872 |
| 83 | AMPL90427 | chr20 | 31024812 | 31024992 |
| 84 | AMPL90428 | chr20 | 31024932 | 31025133 |
| 85 | AMPL90429 | chr20 | 31025073 | 31025256 |
| 86 | AMPL32886 | chr19 | 33792123 | 33792403 |
| 87 | AMPL32888 | chr19 | 33792342 | 33792490 |
| 88 | AMPL88426 | chr19 | 33792429 | 33792714 |
| 89 | AMPL88427 | chr19 | 33792654 | 33792858 |
| 90 | AMPL88428 | chr19 | 33792798 | 33793017 |
| 91 | AMPL88429 | chr19 | 33792823 | 33793091 |
| 92 | AMPL32897 | chr19 | 33792987 | 33793139 |
| 93 | AMPL32898 | chr19 | 33793079 | 33793347 |
| 94 | AMPL317545 | chr21 | 36164263 | 36164539 |
| 95 | AMPL89657 | chr21 | 36164427 | 36164674 |
| 96 | AMPL89658 | chr21 | 36164612 | 36164785 |
| 97 | AMPL89659 | chr21 | 36164644 | 36164907 |
|    | AMPL89660 | chr21 | 36164761 | 36164944 |
|----|-----------|-------|----------|----------|
| 98 | AMPL89671 | chr21 | 36171566 | 36171835 |
| 99 | AMPL89664 | chr21 | 36193836 | 36194110 |
|100 | AMPL89665 | chr21 | 36206681 | 36206910 |
|101 | AMPL89666 | chr21 | 36206860 | 36206985 |
|102 | AMPL89670 | chr21 | 36231691 | 36231961 |
|103 | AMPL89674 | chr21 | 36252796 | 36253068 |
|104 | AMPL317555 | chr21 | 36258905 | 36259189 |
|105 | AMPL89662 | chr21 | 36259126 | 36259402 |
|106 | AMPL89663 | chr21 | 36265211 | 36265363 |
|107 | AMPL89668 | chr21 | 36265211 | 36265363 |
|108 | AMPL89667 | chr21 | 36421010 | 36421288 |
|109 | AMPL89573 | chr1  | 36931628 | 36931886 |
|110 | AMPL89551 | chr1  | 36931865 | 36932118 |
|111 | AMPL89552 | chr1  | 36932013 | 36932236 |
|112 | AMPL89553 | chr1  | 36932149 | 36932377 |
|113 | AMPL89554 | chr1  | 36932316 | 36932540 |
|114 | AMPL89564 | chr1  | 36932754 | 36933031 |
|115 | AMPL89567 | chr1  | 36933053 | 36933305 |
|116 | AMPL89559 | chr1  | 36933339 | 36933610 |
|117 | AMPL89571 | chr1  | 36936943 | 36937102 |
|118 | AMPL89572 | chr1  | 36937030 | 36937303 |
|119 | AMPL117202 | chr1  | 43814902 | 43815103 |
|120 | AMPL89822 | chr21  | 44514676 | 44514947 |
|121 | AMPL89820 | chr21  | 44524311 | 44524583 |
|122 | AMPL115670 | chr4  | 55140953 | 55141196 |
|123 | AMPL200888 | chr4  | 55144003 | 55144234 |
|124 | AMPL115657 | chr4  | 55151945 | 55152194 |
|125 | AMPL90096 | chr4  | 55561523 | 55561789 |
|126 | AMPL90097 | chr4  | 55561729 | 55561972 |
|127 | AMPL90098 | chr4  | 55589666 | 55589931 |
|128 | AMPL90095 | chr4  | 55591996 | 55592269 |
|129 | AMPL90107 | chr4  | 55593313 | 55593571 |
|130 | AMPL201076 | chr4  | 55593508 | 55593783 |
|131 | AMPL90106 | chr4  | 55594111 | 55594375 |
|132 | AMPL253513 | chr4  | 55599207 | 55599388 |
|133 | AMPL90108 | chr4  | 55602581 | 55602852 |
|134 | AMPL89847 | chr17  | 74732798 | 74733072 |
|135 | AMPL89848 | chr17  | 74733010 | 74733262 |
|136 | AMPL89849 | chr17  | 74733193 | 74733461 |
|137 | AMPL1123 | chr15  | 90631710 | 90631979 |
|138 | AMPL1124 | chr15  | 90631919 | 90632092 |
|139 | AMPL89402 | chr4  | 106154875 | 106155149 |
|140 | AMPL89403 | chr4  | 106155089 | 106155280 |
|141 | AMPL89404 | chr4  | 106155220 | 106155475 |
|142 | AMPL89405 | chr4  | 106155415 | 106155683 |
|143 | AMPL89406 | chr4  | 106155623 | 106155878 |
|144 | AMPL89407 | chr4  | 106155818 | 106156067 |
|   | AMPL89408 | chr4 | 106156007 | 106156279 |
|---|-----------|------|------------|------------|
| 147 | AMPL89409 | chr4 | 106156219 | 106156470 |
| 148 | AMPL89410 | chr4 | 106156410 | 106156676 |
| 149 | AMPL89411 | chr4 | 106156616 | 106156887 |
| 150 | AMPL89412 | chr4 | 106156827 | 106157010 |
| 151 | AMPL89413 | chr4 | 106157042 | 106157315 |
| 152 | AMPL89414 | chr4 | 106157254 | 106157528 |
| 153 | AMPL89415 | chr4 | 106157468 | 106157732 |
| 154 | AMPL89416 | chr4 | 106157672 | 106157951 |
| 155 | AMPL89417 | chr4 | 106157889 | 106158132 |
| 156 | AMPL89418 | chr4 | 106158072 | 106158283 |
| 157 | AMPL89419 | chr4 | 106158223 | 106158438 |
| 158 | AMPL89420 | chr4 | 106158378 | 106158622 |
| 159 | AMPL89421 | chr4 | 106162393 | 106162664 |
| 160 | AMPL89401 | chr4 | 106163889 | 106164153 |
| 161 | AMPL89399 | chr4 | 106164648 | 106164878 |
| 162 | AMPL89400 | chr4 | 106164816 | 106165005 |
| 163 | AMPL1398  | chr4 | 106168069 | 106168078 |
| 164 | AMPL1399  | chr4 | 106180818 | 106181152 |
| 165 | AMPL1233  | chr4 | 106182796 | 106183047 |
| 166 | AMPL1414  | chr4 | 106190693 | 106190957 |
| 167 | AMPL1457  | chr4 | 106193664 | 106193919 |
| 168 | AMPL1458  | chr4 | 106193859 | 106194113 |
| 169 | AMPL1558  | chr4 | 106196160 | 106196409 |
| 170 | AMPL1559  | chr4 | 106196349 | 106196621 |
| 171 | AMPL1560  | chr4 | 106196560 | 106196821 |
| 172 | AMPL1561  | chr4 | 106196761 | 106197034 |
| 173 | AMPL1562  | chr4 | 106196974 | 106197249 |
| 174 | AMPL1563  | chr4 | 106197189 | 106197407 |
| 175 | AMPL1564  | chr4 | 106197347 | 106197501 |
| 176 | AMPL1565  | chr4 | 106197441 | 106197709 |
| 177 | AMPL1566  | chr4 | 133738047 | 133738317 |
| 178 | AMPL1567  | chr4 | 133738257 | 133738510 |
| 179 | AMPL1568  | chr4 | 133747442 | 133747711 |
| 180 | AMPL1569  | chr4 | 133748144 | 133748418 |
| 181 | AMPL1570  | chr4 | 133748358 | 133748545 |
| 182 | AMPL200672 | chr9 | 133750218 | 133750480 |
| 183 | AMPL200554 | chr9 | 133753746 | 133754011 |
| 184 | AMPL253505 | chr9 | 133755364 | 133755636 |
| 185 | AMPL90657 | chr7 | 148504633 | 148504900 |
| 186 | AMPL90666 | chr7 | 148506075 | 148506342 |
| 187 | AMPL253486 | chr7 | 148512501 | 148512736 |
|   | AMPL     | chr    | start     | end       |
|---|----------|--------|-----------|-----------|
| 196| AMPL253496 | chr7   | 148513689 | 148513958 |
| 197| AMPL90660  | chr7   | 148514249 | 148514516 |
| 198| AMPL90668  | chr7   | 148514757 | 148515022 |
| 199| AMPL90669  | chr7   | 148514962 | 148515234 |
| 200| AMPL90658  | chr7   | 148516593 | 148516867 |
| 201| AMPL90670  | chr7   | 148523365 | 148523600 |
| 202| AMPL90671  | chr7   | 148523540 | 148523803 |
| 203| AMPL90672  | chr7   | 148524083 | 148524338 |
| 204| AMPL90673  | chr7   | 148524278 | 148524514 |
| 205| AMPL90674  | chr7   | 148525756 | 148526022 |
| 206| AMPL90675  | chr7   | 148526789 | 148527039 |
| 207| AMPL90667  | chr7   | 148529637 | 148529905 |
| 208| AMPL90661  | chr7   | 148543458 | 148543731 |
| 209| AMPL90655  | chr7   | 148544118 | 148544334 |
| 210| AMPL90656  | chr7   | 148544274 | 148544448 |
| 211| AMPL417935 | chr5   | 170837379 | 170837627 |
| 212| AMPL1449   | chr2   | 198266297 | 198266560 |
| 213| AMPL90214  | chr2   | 198266483 | 198266751 |
| 214| AMPL1451   | chr2   | 198266691 | 198266880 |
| 215| AMPL1453   | chr2   | 198267125 | 198267374 |
| 216| AMPL1454   | chr2   | 198267314 | 198267578 |
| 217| AMPL90202  | chr2   | 198267560 | 198267821 |
| 218| AMPL90132  | chr2   | 209113057 | 209113312 |
| 219| AMPL90133  | chr2   | 209113252 | 209113426 |