Supplementary Table 1：Primer sequences for qRT-PCR

| Gene | Primer ID | Primer Sequence (5'-3') |
|---|---|---|
| *RcWRKY* | RcWRKY_F | TGCACCTTCCGGAACACA |
| *RcWRKY* | RcWRKY_R | GGGTGATGGTGGTGGTGG |
| *RcCHS* | RcCHS_F | AGGGTGCACGTGTTCTCG |
| *RcCHS* | RcCHS_R | CCGTCACCGAACAAGGCT |
| *RcCHI1* | RcCHI1_F | CGGCTGAGGAGTTGACGG |
| *RcCHI1* | RcCHI1_R | CGAGTATTGCTGGCCCGT |
| *RcCHI2* | RcCHI2_F | TGGGGTGCAGCTTGAGAG |
| *RcCHI2* | RcCHI2_R | TCCAAGGCTTCCTCCTCCT |
| *Rcactin* | Rcactin_F | CGTCCTTTCCTTGTATGCTAGT |
| *Rcactin* | Rcactin_R | GGAGGGCATACCCTTCATAAAT |

Supplementary Table 2：Gene cloning primer

| Gene | Primer ID | Primer Sequence (5'-3') |
|---|---|---|
| *RcWRKY* | RcWRKY_F | AACACGAGTCCTTGTGGTGA |
| *RcWRKY* | RcWRKY_R | ATCGTGGGGTGTCAAATGGG |
| *RcCHS* | RcCHS_F | GTGACCGTCGAGGAAGTTCG |
| *RcCHS* | RcCHS_R | CAGGCCCAAACCCGAATAGT |
| *RcCHI1* | RcCHI1_F | ATCACCGGAATTCAGATCGAGG |
| *RcCHI1* | RcCHI1_R | ATGCCTCAACTTCTGCTTCCTT |
| *RcCHI2* | RcCHI2_F | CCATGGGATCCTCTCCTCCAA |
| *RcCHI2* | RcCHI2_R | GCTGAGAGTGTGTTTGCCAATG |
| *proRcCHS* | proRcCHS_F | AAGTTGGCAGGTGTGAACTTAG |
| *proRcCHS* | proRcCHS_R | TTGTGGTGTTGCAGTGATGGA |
| *proRcCHI2* | proRcCHI2_F | ATGAAGCGCAATTTTATGTGTCA |

| | | |
|---|---|---|
| *proRcCHI2* | proRcCHI2_R | ACCGCCTCTACGTAATTGGT |

Supplementary Table 3：Key antioxidant metabolites

| Metabolites ID | Class II | Key antioxidant metabolites |
|---|---|---|
| C00008919 | Flavonoids | Catechin-(2'->2')-taxifolin |
| C00009195 | Flavonoids | 5-O-beta-D-Glucosylluteoliflavan-(4->8)-eriodictyol |
| C00014113 | Flavonoids | Vicenin-1 6"-O-acetate |
| C00014876 | Flavonoids | Hirsutidin 3-glucoside |
| C00057630 | Flavonoids | Portisin B |
| Cmxn004016 | Flavonoids | Dihydromarein |
| CNP0159414 | Flavonoids | 2,2'-bis(4-hydroxyphenyl)-7,7'-dimethyl-3-[4,5,6-trihydroxy-2-(hydroxymethyl)oxan-3-yl]-3'-(3,4,5-trihydroxy-6-methyl oxan-2-yl)-4H,4'H-[5,5'-bichromene]-4,4'-dione |
| CNP0260164 | Flavonoids | (6-{[2-(3,5-dihydroxyphenyl)-5-hydroxy-4-oxo-3,4-dihydro-2H-1-benzopyran-7-yl]oxy}-3,4,5-trihydroxyoxan-2-yl)meth yl 3,4,5-trihydroxybenzoate |
| CNP0279684 | Flavonoids | 3-(2H-1,3-benzodioxol-5-yl)-7-[(3,4,5-trihydroxy-6-{[(3,4,5-trihydroxy-6-methyloxan-2-yl)oxy]methyl}oxan-2-yl)oxy]-4 H-chromen-4-one;3-(2h-1,3-benzodioxol-5-yl)-7-[(3,4,5-trihydroxy-6-{[(3,4,5-trihydroxy-6-methyloxan-2-yl)oxy]methyl }oxan-2-yl)oxy]chromen-4-one |
| HJN078 | Flavonoids | Pinocembrin-7-O-(2"-O-arabinosyl)glucoside |
| Hmln002199 | Flavonoids | Quercetin-3-O-(6"-O-acetyl)galactoside |
| Jmgn005927 | Flavonoids | 2-hydroxynaringenin |
| Labn004865 | Flavonoids | Hydroxy isoliquiritigenin glucoside |
| Ladp005021 | Flavonoids | Kumatakenin malonyl glucoside |
| Lahp003408 | Flavonoids | 2-(3,4-dihydroxyphenyl)-4h-chromene-3,5,7-triol-glucoside |
| Lmdn006025 | Flavonoids | 2-Hydroxy-2,3-dihydrogenistein |
| Lmdp003110 | Flavonoids | 2,6,7,4'-Tetrahydroxyisoflavanone |
| Lmfn004093 | Flavonoids | Trilobatin |

| | | |
|---|---|---|
| Lmjp002596 | Flavonoids | Quercetin 3-sambubioside |
| Lmmn004625 | Flavonoids | Dihydrokaempferol-7-O-glucoside |
| Lmsn005161 | Flavonoids | 3-Hydroxyphloretin-4'-O-(6"-O-galloyl)glucoside |
| Lmtn002796 | Flavonoids | Aromadendrin-7-O-glucoside |
| Lmyn005006 | Flavonoids | Eriodictyol-7-O-(6"-O-p-coumaroyl)glucoside |
| LTS0029680 | Flavonoids | (4s)-3-(3,4-dimethoxyphenyl)-7-methoxy-4h-chromen-4-ol;3-(3,4-dimethoxyphenyl)-7-methoxy-4H-chromen-4-ol |
| LTS0064365 | Flavonoids | 2-hydroxy-6,8-dimethoxy-1-{[(2r,3s,4r,5r,6s)-3,4,5-trihydroxy-6-({[(2r,3s,4r,5s)-3,4,5-trihydroxyoxan-2-yl]oxy}methyl) oxan-2-yl]oxy}xanthen-9-one;2-hydroxy-6,8-dimethoxy-1-{[(2R,3S,4R,5R,6S)-3,4,5-trihydroxy-6-({[(2R,3S,4R,5S)-3,4, 5-trihydroxyoxan-2-yl]oxy}methyl)oxan-2-yl]oxy}xanthen-9-one |
| mws0072 | Flavonoids | Apigenin-5-O-glucoside |
| mws1454 | Flavonoids | Persicoside |
| MWSprf104 | Flavonoids | 4',6,7-Trihydroxyisoflavone |
| MWStz329 | Flavonoids | Isookanin |
| MWStz521 | Flavonoids | Quercetin 3-O-(6-O-malonyl-beta-D-glucoside) |
| PI0162262 | Flavonoids | 6-(3,4-dihydroxyphenyl)-13-hydroxy-12-(4-hydroxy-3-methoxyphenyl)-8-{[3,4,5-trihydroxy-6-(hydroxymethyl)oxan-2-y l]oxy}-3,11-dioxatricyclo[8.4.0.0(2),]tetradeca-1,7,9-trien-4-one |
| PI0183181 | Flavonoids | 6-(3-{6,8-bis[2-(3,4-dihydroxyphenyl)-3,7-dihydroxy-3,4-dihydro-2H-1-benzopyran-4-yl]-3,5,7-trihydroxy-3,4-dihydro-2 H-1-benzopyran-2-yl}phenoxy)-3,4,5-trihydroxyoxane-2-carboxylic acid |
| pma0795 | Flavonoids | Tricetin-5-O-(6"-malonyl)glucoside |
| pme0376 | Flavonoids | Naringenin |
| SN0097379 | Flavonoids | (2S,3R,4S,5S,6R)-6-[(acetyloxy)methyl]-2-[5,7-dihydroxy-2-(4-hydroxyphenyl)-6-methoxy-4-oxochromen-8-yl]-4,5-dih ydroxyoxan-3-yl 4-hydroxy-3,5-dimethoxybenzoate |
| SN0118300 | Flavonoids | [(2R,3S,4S,5R,6S)-6-{[(2R)-2-(3,4-dihydroxyphenyl)-5-hydroxy-4-oxo-2,3-dihydro-1-benzopyran-7-yl]oxy}-3,4,5-trihyd roxyoxan-2-yl]methyl (2E)-3-(4-hydroxy-3-methoxyphenyl)prop-2-enoate |
| SN0123518-01 | Flavonoids | 3-{[5-hydroxy-2-(4-hydroxycyclohexa-2,4-dien-1-yl)-4-oxo-7-{[3,4,5-trihydroxy-6-(hydroxymethyl)oxan-2-yl]oxy}-4H-chromen-3-yl]oxy}-3-oxopropanoic acid |

| | | |
|---|---|---|
| SN0149495-01 | Flavonoids | methyl 3-[2-(3,4-dihydroxyphenyl)-3,5,7-trihydroxy-4-oxo-4H-chromen-8-yl]-3-(2,4,5-trimethoxyphenyl)propanoate |
| SN0183746-01 | Flavonoids | 3,5,7-trihydroxy-2-[4-(3-methoxy-4-{[3,4,5-trihydroxy-6-(hydroxymethyl)oxan-2-yl]oxy}phenoxy)phenyl]-4H-chromen-4-one |
| SN0283978 | Flavonoids | [(2R,3S,4S,5R,6S)-6-{[(2R)-2-(3,4-dihydroxyphenyl)-5-hydroxy-4-oxo-2,3-dihydro-1-benzopyran-7-yl]oxy}-3,4,5-trihydroxyoxan-2-yl]methyl (2E)-3-(3-hydroxy-4-methoxyphenyl)prop-2-enoate |
| SN0295775-01 | Flavonoids | 4,5-dihydroxy-2-({3,4,5-trihydroxy-6-[(3,5,8-trihydroxy-9-oxo-9H-xanthen-1-yl)oxy]oxan-2-yl}methoxy)oxan-3-yl (2E)-3-(4-hydroxy-3-methoxyphenyl)prop-2-enoate |
| SN0373390-02 | Flavonoids | (2S)-2-(4-{[(2R,3R,4R,5R)-3,4-dihydroxy-5-{[(2S,3R,4S,5S,6R)-3,4,5-trihydroxy-6-(hydroxymethyl)oxan-2-yl]oxy}oxan-2-yl]oxy}phenyl)-5,7-dihydroxy-2,3-dihydro-1-benzopyran-4-one |
| tcm03_000539 | Flavonoids | Apigenin bioside |
| Zmhn002173 | Flavonoids | Saponarin-4'-O-glucoside |
| CNP0131079 | Phenolic acids | {3,4,5-trihydroxy-6-[3-hydroxy-4-(methoxycarbonyl)phenoxy]oxan-2-yl}methyl 3,4,5-trihydroxybenzoate |
| CNP0365370 | Phenolic acids | 4-hydroxy-6-[2-(2,4,5-trihydroxyphenyl)ethenyl]-2H-pyran-2-one |
| Lmhn002629 | Phenolic acids | Benzoyltartaric acid |
| Lmmn003663 | Phenolic acids | 5-Glucosyloxy-2-Hydroxybenzoic acid methyl ester |
| Lmnn002886 | Phenolic acids | 1'-O-(3,4-Dihydroxyphenethyl)-O-caffeoyl-glucoside |
| Lmsn003582 | Phenolic acids | 1-O-Galloyl-4-O-p-Coumaroyl-β-D-glucose |
| Lmsn003628 | Phenolic acids | 6'-O-Sinapoylsucrose |
| Lmsn004090 | Phenolic | 1-O-Galloyl-3-O-p-Coumaroyl-β-D-glucose |

| | | |
|---|---|---|
| | acids | |
| Lmsn004970 | Phenolic acids | 3,6-Di-O-caffeoyl glucose |
| LTS0147300 | Phenolic acids | [(2r,3s,4s,5r,6r)-3,4,5-trihydroxy-6-{[(2r)-1-hydroxy-3-(3-methoxy-4-methylphenyl)propan-2-yl]oxy}oxan-2-yl]methyl 3,4,5-trihydroxybenzoate;[(2R,3S,4S,5R,6R)-3,4,5-trihydroxy-6-{[(2R)-1-hydroxy-3-(3-methoxy-4-methylphenyl)propan-2-yl]oxy}oxan-2-yl]methyl 3,4,5-trihydroxybenzoate |
| LTS0195446 | Phenolic acids | (2r,3s,4r,5r,6s)-3,4,5-trihydroxy-6-[(3,4,5-trihydroxybenzoyloxy)methyl]oxan-2-yl 3,4-dihydroxy-5-{[(2s,3r,4s,5s,6r)-3,4,5-trihydroxy-6-[(3,4,5-trihydroxybenzoyloxy)methyl]oxan-2-yl]oxy}benzoate;[(2R,3S,4S,5R,6S)-6-[2,3-dihydroxy-5-({[(2R,3S,4R,5R,6S)-3,4,5-trihydroxy-6-[(3,4,5-trihydroxybenzoyloxy)methyl]oxan-2-yl]oxy}carbonyl)phenoxy]-3,4,5-trihydroxyoxan-2-yl]methyl 3,4,5-trihydroxybenzoate |
| MEDL01929 | Phenolic acids | Caffeoylmalic Acid |
| MW0147755 | Phenolic acids | Coniferyl ferulate |
| MWSmce248 | Phenolic acids | trans-3-Hydroxycinnamate |
| SN0308101-01 | Phenolic acids | (S)-4-Hydroxy-5-(3,5-dihydroxyphenyl)valeric acid |
| SN0424066-01 | Phenolic acids | 1-(2,4-dihydroxyphenyl)-3-(4-hydroxyphenyl)propane-1,2,3-triol |
| SN0471863-01 | Phenolic acids | 3-[2-[(2S,3R,4R,5S,6S)-6-[3-(3,4-dihydroxyphenyl)prop-2-enoyloxymethyl]-3,4,5-trihydroxyoxan-2-yl]oxy-4-methoxyphenyl]prop-2-enoic acid |
| Wabn003563 | Phenolic acids | 3'-O-Beta-D-Glucopyranosyl plumbagic acid |
| Wasn004683 | Phenolic acids | Protocatechuic acid 1-O-(Glucosylvanilloyl) |

| | | |
|---|---|---|
| Zbfn004208 | Phenolic acids | 3-O-(3-Methoxy-4-hydroxybenzoyl)-4-O-caffeoylquinic acid |
| C00009204 | Tannins | Epicatechin-(4beta->8)-epicatechin-3-O-glucoside |
| CNP0111372 | Tannins | 7,8,9,12,13,14,25,26,27,30,31,32,35,36,37-pentadecahydroxy-46-(3,4,5-trihydroxyoxan-2-yl)-3,18,21,41,43-pentaoxanonacyclo[27.13.3.138,42.02,20.05,10.011,16.023,28.033,45.034,39]hexatetraconta-5,7,9,11(16),12,14,23,25,27,29(45),30,32,34,36,38-pentadecaene-4,17,22,40,44-pentone |
| MW0149539 | Tannins | Geraniin |
| PI0210397 | Tannins | theasinensin A (D) |
| SN0292958 | Tannins | (2R,3R,4S)-2-(3,4-dihydroxyphenyl)-8-[(2R,3R,4R)-2-(3,4-dihydroxyphenyl)-3,5,7-trihydroxy-3,4-dihydro-2H-1-benzopyran-4-yl]-4-[(2R,3S)-2-(3,4-dihydroxyphenyl)-5,7-dihydroxy-3-{[(2R,3R,4R,5S,6R)-3,4,5-trihydroxy-6-(hydroxymethyl)oxan-2-yl]oxy}-3,4-dihydro- |
| Hmln002100 | Lignans | Nortrachelogenin-4-O-glucoside |
| MW0148141 | Lignans | Dalpanin |
| SN0219694-01 | Lignans | 2-[(7-{4-[(4,6-dimethoxy-2H-1,3-benzodioxol-5-yl)oxy]-3a-hydroxy-hexahydrofuro[3,4-c]furan-1-yl}-3-(4-hydroxy-3-methoxyphenyl)-6-methoxy-2,3-dihydro-1,4-benzodioxin-2-yl)methoxy]-6-(hydroxymethyl)oxane-3,4,5-triol |
| PI0011125 | Stilbenes | (-)-Nutlin-3 |
| PI0193414 | Stilbenes | (+)-Nutlin-3 |
| Lhqp101807 | Coumarins | Osthol |

Supplementary Table 4：Genes information and kWithin values of the greenyellow and yellow modules.

| Genes ID | Module | kWithin | TF family | DEG |
|---|---|---|---|---|
| LG01.1014 | greenyellow | 116.83716141221 | -- | YES |
| LG01.1074 | greenyellow | 90.9123050064772 | -- | YES |
| LG01.1129 | greenyellow | 146.073657340253 | -- | NO |
| LG01.1186 | greenyellow | 139.595673854139 | -- | NO |
| LG01.1216 | greenyellow | 119.295480730981 | -- | NO |

| | | | | |
|---|---|---|---|---|
| LG01.1303 | greenyellow | 139.784713981714 | -- | NO |
| LG01.1368 | greenyellow | 69.9652388131795 | -- | NO |
| LG01.1491 | greenyellow | 99.8118207111377 | -- | YES |
| LG01.1504 | greenyellow | 127.403157893689 | -- | NO |
| LG01.1629 | greenyellow | 126.827247605313 | -- | NO |
| LG01.1723 | greenyellow | 100.777001820874 | -- | YES |
| LG01.1727 | greenyellow | 125.061948371458 | -- | YES |
| LG01.1741 | greenyellow | 84.9234617891991 | -- | YES |
| LG01.1792 | greenyellow | 194.328859214209 | -- | YES |
| LG01.1834 | greenyellow | 116.285461993012 | -- | YES |
| LG01.1845 | greenyellow | 105.749390119943 | -- | YES |
| LG01.1878 | greenyellow | 120.127585208767 | -- | NO |
| LG01.1887 | greenyellow | 113.537916265104 | -- | YES |
| LG01.1906 | greenyellow | 173.55030820835 | -- | YES |
| LG01.1907 | greenyellow | 102.591123456519 | -- | YES |
| LG01.2044 | greenyellow | 96.1850471625202 | -- | YES |
| LG01.2070 | greenyellow | 210.677015684531 | -- | YES |
| LG01.2071 | greenyellow | 57.1127020670262 | -- | YES |
| LG01.2133 | greenyellow | 148.436633685257 | -- | YES |
| LG01.2162 | greenyellow | 139.272538188251 | -- | YES |
| LG01.2169 | greenyellow | 37.8249079202779 | -- | NO |
| LG01.2177 | greenyellow | 118.648293141358 | -- | NO |
| LG01.2225 | greenyellow | 40.4812175482862 | -- | NO |
| LG01.2306 | greenyellow | 165.180798976367 | -- | NO |
| LG01.2347 | greenyellow | 90.2288794995757 | -- | NO |
| LG01.2379 | greenyellow | 6.97282511145257 | -- | NO |

| | | | | |
|---|---|---|---|---|
| LG01.2399 | greenyellow | 189.747733270374 | -- | YES |
| LG01.2407 | greenyellow | 132.525921518315 | -- | NO |
| LG01.241 | greenyellow | 152.201076902088 | -- | YES |
| LG01.2422 | greenyellow | 73.8939977362836 | -- | NO |
| LG01.2432 | greenyellow | 33.0425083201358 | -- | NO |
| LG01.2438 | greenyellow | 132.010208300338 | SNF2 | YES |
| LG01.2455 | greenyellow | 77.2654112470983 | -- | NO |
| LG01.2459 | greenyellow | 17.0406949752837 | -- | NO |
| LG01.2531 | greenyellow | 21.5055249950885 | -- | NO |
| LG01.2549 | greenyellow | 94.1158942009149 | -- | YES |
| LG01.2582 | greenyellow | 183.436546146301 | -- | YES |
| LG01.2618 | greenyellow | 49.2120069995487 | -- | NO |
| LG01.2697 | greenyellow | 160.892880362622 | -- | NO |
| LG01.2713 | greenyellow | 114.012076991966 | -- | NO |
| LG01.2714 | greenyellow | 151.970859377642 | -- | YES |
| LG01.2738 | greenyellow | 151.128411273625 | -- | YES |
| LG01.2747 | greenyellow | 73.6088908658194 | -- | NO |
| LG01.2756 | greenyellow | 53.4523088076715 | -- | NO |
| LG01.2765 | greenyellow | 140.26371434916 | -- | YES |
| LG01.2776 | greenyellow | 43.3865371924039 | -- | NO |
| LG01.2798 | greenyellow | 74.1941655941093 | -- | NO |
| LG01.2814 | greenyellow | 202.764801491077 | -- | YES |
| LG01.2832 | greenyellow | 170.306070400573 | -- | NO |
| LG01.2837 | greenyellow | 49.2985136099693 | -- | NO |
| LG01.2850 | greenyellow | 26.3616611206994 | -- | NO |
| LG01.2866 | greenyellow | 46.9446742664172 | -- | NO |

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|---|---|---|---|---|
| LG01.2879 | greenyellow | 103.924070100312 | -- | NO |
| LG01.2896 | greenyellow | 113.864109492703 | -- | YES |
| LG01.2904 | greenyellow | 12.2199230467932 | -- | NO |
| LG01.2934 | greenyellow | 66.5634921379583 | -- | NO |
| LG01.3079 | greenyellow | 12.6292327075489 | -- | NO |
| LG01.3102 | greenyellow | 134.979171980301 | -- | NO |
| LG01.3154 | greenyellow | 112.713394679969 | -- | NO |
| LG01.3177 | greenyellow | 180.248615177436 | -- | YES |
| LG01.3227 | greenyellow | 113.878915155332 | -- | NO |
| LG01.325 | greenyellow | 34.1780887660878 | -- | NO |
| LG01.3253 | greenyellow | 132.19397033183 | -- | YES |
| LG01.3308 | greenyellow | 10.7665152060634 | -- | NO |
| LG01.3309 | greenyellow | 149.388617478782 | -- | NO |
| LG01.3341 | greenyellow | 106.070607632734 | -- | NO |
| LG01.3384 | greenyellow | 51.152393926322 | -- | NO |
| LG01.3401 | greenyellow | 76.4489808959991 | -- | NO |
| LG01.3508 | greenyellow | 144.961152269071 | -- | YES |
| LG01.3531 | greenyellow | 49.4761454773207 | -- | NO |
| LG01.3549 | greenyellow | 63.1644541854273 | -- | NO |
| LG01.3555 | greenyellow | 106.09580858655 | -- | NO |
| LG01.382 | greenyellow | 114.030902698071 | -- | NO |
| LG01.386 | greenyellow | 20.8978044134789 | -- | YES |
| LG01.401 | greenyellow | 186.461953041068 | -- | YES |
| LG01.402 | greenyellow | 112.113526050775 | -- | YES |
| LG01.500 | greenyellow | 64.7001116537006 | -- | NO |
| LG01.51 | greenyellow | 178.340469924975 | -- | NO |

| | | | | |
|---|---|---|---|---|
| LG01.550 | greenyellow | 92.2734230077426 | -- | NO |
| LG01.595 | greenyellow | 146.651705903362 | -- | YES |
| LG01.607 | greenyellow | 162.10487986813 | -- | YES |
| LG01.737 | greenyellow | 107.131123050849 | -- | YES |
| LG01.745 | greenyellow | 149.131402347186 | -- | YES |
| LG01.760 | greenyellow | 89.8957098982839 | -- | YES |
| LG01.917 | greenyellow | 99.0036913386379 | -- | YES |
| LG01.973 | greenyellow | 153.133798002821 | -- | YES |
| LG01.996 | greenyellow | 103.769001572337 | -- | NO |
| LG02.1005 | greenyellow | 17.3769843010507 | -- | NO |
| LG02.1010 | greenyellow | 45.2690428319496 | -- | NO |
| LG02.1017 | greenyellow | 89.8175288611648 | Tify | NO |
| LG02.1022 | greenyellow | 172.5040491 | -- | YES |
| LG02.1023 | greenyellow | 132.229924894204 | -- | NO |
| LG02.1045 | greenyellow | 134.140169113747 | -- | YES |
| LG02.1095 | greenyellow | 108.869606652847 | -- | YES |
| LG02.1141 | greenyellow | 160.897317918431 | -- | YES |
| LG02.115 | greenyellow | 163.664036313068 | -- | YES |
| LG02.117 | greenyellow | 17.9057187795817 | -- | NO |
| LG02.1203 | greenyellow | 55.0085312560976 | -- | NO |
| LG02.1218 | greenyellow | 186.763588243662 | -- | YES |
| LG02.1246 | greenyellow | 140.192188428961 | -- | NO |
| LG02.126 | greenyellow | 29.7478581374742 | -- | NO |
| LG02.1355 | greenyellow | 43.3581314696596 | -- | NO |
| LG02.1427 | greenyellow | 169.690954576028 | -- | YES |
| LG02.1447 | greenyellow | 133.330811882741 | -- | NO |

| | | | | |
|---|---|---|---|---|
| LG02.145 | greenyellow | 140.605537465443 | -- | NO |
| LG02.1513 | greenyellow | 148.905458377795 | -- | YES |
| LG02.1529 | greenyellow | 122.205049793783 | -- | NO |
| LG02.159 | greenyellow | 109.923169505627 | -- | NO |
| LG02.1661 | greenyellow | 158.276205940799 | -- | NO |
| LG02.1685 | greenyellow | 128.790640923248 | -- | NO |
| LG02.17 | greenyellow | 99.6172564588221 | -- | NO |
| LG02.1714 | greenyellow | 16.3547551868573 | -- | NO |
| LG02.1715 | greenyellow | 45.9072270905439 | -- | YES |
| LG02.172 | greenyellow | 157.608829820118 | -- | YES |
| LG02.177 | greenyellow | 158.290337734933 | -- | YES |
| LG02.1782 | greenyellow | 118.373328512645 | -- | YES |
| LG02.1792 | greenyellow | 120.390321958114 | -- | NO |
| LG02.1840 | greenyellow | 127.817214283499 | -- | NO |
| LG02.1866 | greenyellow | 76.5561257950754 | -- | NO |
| LG02.1881 | greenyellow | 93.0622811028024 | -- | NO |
| LG02.1953 | greenyellow | 176.558708428076 | -- | NO |
| LG02.1993 | greenyellow | 181.44895782656 | -- | YES |
| LG02.200 | greenyellow | 28.5554422390354 | -- | NO |
| LG02.2027 | greenyellow | 71.7912657190728 | -- | YES |
| LG02.218 | greenyellow | 28.5181316897938 | -- | YES |
| LG02.2197 | greenyellow | 209.271499116945 | -- | YES |
| LG02.2235 | greenyellow | 26.773269927324 | ARID | NO |
| LG02.228 | greenyellow | 146.669994389747 | -- | NO |
| LG02.2377 | greenyellow | 145.277818286172 | -- | YES |
| LG02.2447 | greenyellow | 133.139775445823 | -- | YES |

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|---|---|---|---|---|
| LG02.2461 | greenyellow | 80.6184330390649 | -- | NO |
| LG02.2462 | greenyellow | 54.9864643144361 | -- | NO |
| LG02.2586 | greenyellow | 117.33478116631 | -- | YES |
| LG02.2590 | greenyellow | 96.9409631980627 | -- | YES |
| LG02.2608 | greenyellow | 161.371072908182 | -- | YES |
| LG02.280 | greenyellow | 130.422164839359 | -- | YES |
| LG02.2844 | greenyellow | 55.7167655956245 | -- | NO |
| LG02.2845 | greenyellow | 83.2871213457242 | -- | NO |
| LG02.2926 | greenyellow | 25.0598643208511 | -- | NO |
| LG02.2981 | greenyellow | 195.44536222263 | -- | YES |
| LG02.2993 | greenyellow | 108.731523671822 | -- | YES |
| LG02.3007 | greenyellow | 139.642402648331 | -- | YES |
| LG02.3037 | greenyellow | 65.0318725192311 | -- | NO |
| LG02.304 | greenyellow | 158.8008361 | -- | YES |
| LG02.3116 | greenyellow | 30.3014319150157 | -- | NO |
| LG02.3195 | greenyellow | 95.7212214700436 | -- | NO |
| LG02.3356 | greenyellow | 69.2114612379829 | -- | YES |
| LG02.343 | greenyellow | 71.3986532644093 | -- | NO |
| LG02.3431 | greenyellow | 103.818817878452 | -- | NO |
| LG02.3454 | greenyellow | 48.7785967607586 | -- | NO |
| LG02.346 | greenyellow | 42.7824252607673 | -- | NO |
| LG02.3475 | greenyellow | 106.048513278735 | -- | NO |
| LG02.3476 | greenyellow | 129.268203971267 | -- | NO |
| LG02.3479 | greenyellow | 105.243957175617 | -- | YES |
| LG02.3480 | greenyellow | 115.8056898 | -- | YES |
| LG02.3572 | greenyellow | 80.6932770732517 | -- | NO |

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|---|---|---|---|---|
| LG02.3579 | greenyellow | 107.971046970849 | -- | YES |
| LG02.361 | greenyellow | 159.599962231617 | -- | YES |
| LG02.3659 | greenyellow | 135.007067544682 | -- | YES |
| LG02.3663 | greenyellow | 157.827076891494 | -- | YES |
| LG02.3669 | greenyellow | 28.2446725573955 | -- | YES |
| LG02.3700 | greenyellow | 98.8451923402633 | -- | NO |
| LG02.3718 | greenyellow | 110.856636102734 | -- | YES |
| LG02.3762 | greenyellow | 171.560987843598 | -- | YES |
| LG02.3795 | greenyellow | 122.565188923969 | -- | NO |
| LG02.389 | greenyellow | 52.9223210032418 | -- | NO |
| LG02.3927 | greenyellow | 153.268636109238 | -- | YES |
| LG02.398 | greenyellow | 16.9826640420855 | -- | NO |
| LG02.4085 | greenyellow | 136.850063278598 | -- | YES |
| LG02.4122 | greenyellow | 132.691073058364 | -- | NO |
| LG02.4125 | greenyellow | 26.379063423287 | -- | NO |
| LG02.4241 | greenyellow | 130.971341876625 | -- | NO |
| LG02.4352 | greenyellow | 108.178197524116 | -- | NO |
| LG02.4376 | greenyellow | 54.5510486915977 | -- | YES |
| LG02.443 | greenyellow | 42.0428320829392 | -- | NO |
| LG02.4465 | greenyellow | 148.191942164772 | -- | YES |
| LG02.4527 | greenyellow | 152.938002372496 | -- | YES |
| LG02.4554 | greenyellow | 44.3899895349979 | -- | NO |
| LG02.4596 | greenyellow | 32.1162380675225 | -- | NO |
| LG02.4598 | greenyellow | 171.910865968161 | -- | YES |
| LG02.4615 | greenyellow | 68.0757365560053 | -- | NO |
| LG02.4642 | greenyellow | 163.369811350792 | -- | NO |

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|---|---|---|---|---|
| LG02.4685 | greenyellow | 153.308725579223 | -- | YES |
| LG02.517 | greenyellow | 56.8298791784269 | -- | YES |
| LG02.523 | greenyellow | 124.518458486157 | -- | YES |
| LG02.527 | greenyellow | 133.759818577115 | -- | NO |
| LG02.532 | greenyellow | 36.8373064487959 | -- | NO |
| LG02.534 | greenyellow | 145.355732081105 | -- | NO |
| LG02.578 | greenyellow | 152.696757094637 | -- | YES |
| LG02.580 | greenyellow | 77.3055732603717 | -- | NO |
| LG02.617 | greenyellow | 39.325303333677 | -- | NO |
| LG02.669 | greenyellow | 25.1611428750719 | -- | NO |
| LG02.68 | greenyellow | 135.889541710971 | -- | YES |
| LG02.73 | greenyellow | 181.96392692496 | -- | YES |
| LG02.738 | greenyellow | 168.277712217616 | -- | YES |
| LG02.814 | greenyellow | 70.8804417539587 | -- | NO |
| LG02.83 | greenyellow | 91.1502587420927 | -- | NO |
| LG02.913 | greenyellow | 39.3821200674205 | -- | NO |
| LG02.921 | greenyellow | 141.465748466906 | -- | YES |
| LG02.974 | greenyellow | 90.6735412687873 | -- | YES |
| LG03.1125 | greenyellow | 112.592093622406 | -- | NO |
| LG03.1262 | greenyellow | 121.841994296743 | -- | NO |
| LG03.1312 | greenyellow | 103.219254898341 | -- | YES |
| LG03.1326 | greenyellow | 114.182757576647 | -- | NO |
| LG03.1395 | greenyellow | 107.752355429474 | -- | NO |
| LG03.1407 | greenyellow | 69.5048877456606 | -- | YES |
| LG03.143 | greenyellow | 74.9577221142735 | -- | NO |
| LG03.1446 | greenyellow | 118.430835705104 | -- | YES |

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|---|---|---|---|---|
| LG03.1484 | greenyellow | 116.446818362149 | -- | YES |
| LG03.1595 | greenyellow | 7.33719160545096 | -- | NO |
| LG03.1615 | greenyellow | 49.703996152185 | -- | YES |
| LG03.169 | greenyellow | 79.6852567695957 | GARP-G2-like | YES |
| LG03.2001 | greenyellow | 70.3668990137202 | -- | YES |
| LG03.2013 | greenyellow | 155.137352485335 | -- | YES |
| LG03.2017 | greenyellow | 148.775592694526 | -- | NO |
| LG03.2026 | greenyellow | 141.739881878865 | -- | NO |
| LG03.203 | greenyellow | 112.965881829035 | -- | NO |
| LG03.215 | greenyellow | 109.382955378419 | -- | NO |
| LG03.2164 | greenyellow | 39.7170407302168 | -- | YES |
| LG03.2281 | greenyellow | 112.752068358133 | -- | YES |
| LG03.2313 | greenyellow | 109.271748235004 | -- | NO |
| LG03.2376 | greenyellow | 148.917641912466 | -- | NO |
| LG03.2378 | greenyellow | 106.968850034157 | -- | YES |
| LG03.2424 | greenyellow | 48.0127224215102 | -- | YES |
| LG03.246 | greenyellow | 176.19665800694 | -- | NO |
| LG03.2620 | greenyellow | 142.726200675289 | -- | YES |
| LG03.2775 | greenyellow | 68.137611730132 | -- | NO |
| LG03.2807 | greenyellow | 139.70458218287 | -- | YES |
| LG03.2887 | greenyellow | 108.826882100674 | -- | YES |
| LG03.2902 | greenyellow | 28.7731880792056 | -- | NO |
| LG03.2903 | greenyellow | 145.499766500956 | -- | YES |
| LG03.294 | greenyellow | 70.2258818389328 | -- | NO |
| LG03.2983 | greenyellow | 51.1347471803902 | -- | YES |
| LG03.3035 | greenyellow | 160.370635140508 | -- | NO |

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|---|---|---|---|---|
| LG03.3063 | greenyellow | 26.6040501088667 | -- | NO |
| LG03.3146 | greenyellow | 129.980684137946 | -- | YES |
| LG03.3155 | greenyellow | 171.199079348848 | -- | YES |
| LG03.337 | greenyellow | 62.7741560087724 | MYB | YES |
| LG03.3431 | greenyellow | 3.10397993125861 | -- | YES |
| LG03.3447 | greenyellow | 150.423071916935 | -- | YES |
| LG03.3695 | greenyellow | 116.414809482122 | -- | YES |
| LG03.3774 | greenyellow | 35.9133645276397 | -- | YES |
| LG03.38 | greenyellow | 143.258612020941 | NF-YB | YES |
| LG03.3808 | greenyellow | 57.2606177143156 | -- | NO |
| LG03.3848 | greenyellow | 90.2113370493061 | -- | NO |
| LG03.387 | greenyellow | 108.183296137035 | -- | YES |
| LG03.3897 | greenyellow | 196.924390480776 | -- | YES |
| LG03.3950 | greenyellow | 120.334689184551 | -- | YES |
| LG03.4002 | greenyellow | 186.241406905039 | -- | YES |
| LG03.4003 | greenyellow | 118.871056137826 | -- | YES |
| LG03.401 | greenyellow | 171.590920038108 | -- | NO |
| LG03.41 | greenyellow | 108.365114482494 | -- | YES |
| LG03.4125 | greenyellow | 101.495504208308 | -- | NO |
| LG03.4170 | greenyellow | 92.7672676564828 | -- | YES |
| LG03.4275 | greenyellow | 52.9010707668693 | -- | NO |
| LG03.4364 | greenyellow | 119.202874384063 | -- | YES |
| LG03.4415 | greenyellow | 194.6833825 | -- | NO |
| LG03.4456 | greenyellow | 52.159018123647 | -- | NO |
| LG03.4558 | greenyellow | 175.750904101706 | -- | YES |
| LG03.4560 | greenyellow | 47.0506689531019 | -- | NO |

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|---|---|---|---|---|
| LG03.4572 | greenyellow | 124.582006350743 | -- | NO |
| LG03.4597 | greenyellow | 137.194396058403 | -- | YES |
| LG03.4655 | greenyellow | 117.902509750994 | -- | NO |
| LG03.4734 | greenyellow | 121.158869525678 | -- | NO |
| LG03.4752 | greenyellow | 145.738578208295 | -- | YES |
| LG03.4792 | greenyellow | 191.030419531173 | -- | NO |
| LG03.4811 | greenyellow | 163.392748060901 | -- | YES |
| LG03.487 | greenyellow | 69.0197975935326 | -- | NO |
| LG03.50 | greenyellow | 142.470062510819 | -- | YES |
| LG03.5046 | greenyellow | 8.19834091301413 | -- | NO |
| LG03.5061 | greenyellow | 166.267215066433 | -- | YES |
| LG03.5081 | greenyellow | 141.719311357529 | -- | NO |
| LG03.5091 | greenyellow | 47.3810430548107 | -- | YES |
| LG03.5094 | greenyellow | 153.451587503191 | -- | NO |
| LG03.513 | greenyellow | 88.7624276425064 | -- | YES |
| LG03.5145 | greenyellow | 121.415084104742 | -- | YES |
| LG03.5246 | greenyellow | 199.379827467755 | -- | NO |
| LG03.5263 | greenyellow | 143.715766680655 | -- | NO |
| LG03.5266 | greenyellow | 83.286002243876 | -- | YES |
| LG03.5284 | greenyellow | 148.921635874716 | -- | NO |
| LG03.548 | greenyellow | 42.0563238434753 | -- | NO |
| LG03.617 | greenyellow | 102.772289158857 | -- | NO |
| LG03.67 | greenyellow | 130.791547816804 | -- | YES |
| LG03.685 | greenyellow | 2.28771302520291 | -- | NO |
| LG03.835 | greenyellow | 128.632079950087 | -- | NO |
| LG03.840 | greenyellow | 140.913182858252 | -- | YES |

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|---|---|---|---|---|
| LG03.86 | greenyellow | 187.035916744549 | -- | YES |
| LG03.863 | greenyellow | 186.377485781074 | -- | YES |
| LG03.871 | greenyellow | 135.636562089327 | -- | YES |
| LG03.872 | greenyellow | 102.944776256696 | MYB | YES |
| LG03.92 | greenyellow | 159.665834834476 | -- | NO |
| LG04.1020 | greenyellow | 99.2524672988016 | -- | NO |
| LG04.1021 | greenyellow | 139.228629919461 | -- | YES |
| LG04.1031 | greenyellow | 131.407137264587 | -- | YES |
| LG04.1042 | greenyellow | 21.8417477091283 | -- | NO |
| LG04.1095 | greenyellow | 15.0528197888634 | -- | NO |
| LG04.1099 | greenyellow | 162.207525439364 | -- | YES |
| LG04.1133 | greenyellow | 149.49628870759 | -- | YES |
| LG04.1199 | greenyellow | 31.8985449257898 | -- | NO |
| LG04.122 | greenyellow | 54.3689943435803 | -- | NO |
| LG04.125 | greenyellow | 91.8643807352072 | -- | NO |
| LG04.1287 | greenyellow | 108.591929022871 | -- | YES |
| LG04.1378 | greenyellow | 43.7627773334916 | -- | NO |
| LG04.1397 | greenyellow | 55.6548063733877 | SNF2 | NO |
| LG04.1401 | greenyellow | 117.786085528178 | -- | NO |
| LG04.1476 | greenyellow | 169.350461558913 | -- | NO |
| LG04.1492 | greenyellow | 126.440359388876 | -- | YES |
| LG04.1516 | greenyellow | 64.6135842651467 | -- | YES |
| LG04.1651 | greenyellow | 101.796862413739 | -- | NO |
| LG04.1661 | greenyellow | 119.811437888445 | -- | NO |
| LG04.1665 | greenyellow | 132.821766038998 | -- | YES |
| LG04.167 | greenyellow | 7.75534029763122 | -- | NO |

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|---|---|---|---|---|
| LG04.169 | greenyellow | 55.5189059036498 | -- | NO |
| LG04.170 | greenyellow | 143.268099372684 | bHLH | YES |
| LG04.1705 | greenyellow | 143.233326000539 | -- | YES |
| LG04.1759 | greenyellow | 122.139018663739 | -- | YES |
| LG04.1762 | greenyellow | 147.904105412093 | -- | YES |
| LG04.1835 | greenyellow | 190.226265959255 | -- | YES |
| LG04.1862 | greenyellow | 21.6357080326393 | -- | NO |
| LG04.1889 | greenyellow | 138.541628076613 | -- | YES |
| LG04.1912 | greenyellow | 156.99283896999 | -- | NO |
| LG04.1948 | greenyellow | 93.5560825286726 | -- | NO |
| LG04.1960 | greenyellow | 153.877092025899 | -- | NO |
| LG04.1988 | greenyellow | 120.783584925731 | -- | YES |
| LG04.2009 | greenyellow | 10.8483750737953 | -- | NO |
| LG04.2034 | greenyellow | 100.323981980451 | -- | YES |
| LG04.2084 | greenyellow | 55.0871358653571 | GARP-G2-like | NO |
| LG04.2090 | greenyellow | 125.414957025316 | -- | YES |
| LG04.2298 | greenyellow | 16.0918727684822 | -- | NO |
| LG04.234 | greenyellow | 162.921684238541 | -- | YES |
| LG04.2422 | greenyellow | 97.2765570661751 | -- | NO |
| LG04.2504 | greenyellow | 36.8884518181343 | -- | NO |
| LG04.253 | greenyellow | 117.274515578498 | -- | YES |
| LG04.2575 | greenyellow | 30.2228361801947 | -- | NO |
| LG04.259 | greenyellow | 63.1611739186562 | -- | NO |
| LG04.2668 | greenyellow | 139.935972278165 | -- | YES |
| LG04.268 | greenyellow | 155.379342138601 | -- | YES |
| LG04.2722 | greenyellow | 2.10663566753489 | -- | NO |

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|---|---|---|---|---|
| LG04.283 | greenyellow | 87.8809457313211 | -- | YES |
| LG04.2859 | greenyellow | 119.643101301809 | -- | YES |
| LG04.294 | greenyellow | 93.319048748984 | -- | YES |
| LG04.2943 | greenyellow | 175.80039592381 | -- | YES |
| LG04.3015 | greenyellow | 154.133606341125 | -- | YES |
| LG04.3078 | greenyellow | 72.7775620512117 | -- | YES |
| LG04.3101 | greenyellow | 97.1070849681276 | -- | YES |
| LG04.3143 | greenyellow | 29.610291633134 | -- | NO |
| LG04.3165 | greenyellow | 61.839840004298 | -- | NO |
| LG04.322 | greenyellow | 80.1964199512093 | SET | NO |
| LG04.3240 | greenyellow | 106.220511904225 | -- | YES |
| LG04.3318 | greenyellow | 39.38121944 | -- | NO |
| LG04.3416 | greenyellow | 75.9713486120056 | -- | YES |
| LG04.3433 | greenyellow | 16.5949036307976 | -- | NO |
| LG04.3445 | greenyellow | 88.103036879041 | -- | NO |
| LG04.345 | greenyellow | 60.604596313497 | -- | NO |
| LG04.3493 | greenyellow | 39.377575289635 | -- | YES |
| LG04.37 | greenyellow | 175.21383555863 | -- | YES |
| LG04.3717 | greenyellow | 137.707711924364 | -- | NO |
| LG04.375 | greenyellow | 181.852806883081 | -- | YES |
| LG04.3757 | greenyellow | 41.3492034629432 | -- | NO |
| LG04.377 | greenyellow | 182.891020084609 | -- | NO |
| LG04.3806 | greenyellow | 160.088756454249 | -- | YES |
| LG04.3882 | greenyellow | 40.5619572351168 | -- | NO |
| LG04.3890 | greenyellow | 117.958681743028 | -- | NO |
| LG04.3981 | greenyellow | 209.47790194931 | -- | YES |

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|---|---|---|---|---|
| LG04.4018 | greenyellow | 46.6346430307286 | -- | NO |
| LG04.4031 | greenyellow | 114.767491218377 | -- | YES |
| LG04.4061 | greenyellow | 124.898458361379 | -- | YES |
| LG04.4159 | greenyellow | 120.910360727238 | -- | YES |
| LG04.4162 | greenyellow | 78.3293516482192 | Others | NO |
| LG04.4198 | greenyellow | 129.957061489625 | -- | NO |
| LG04.427 | greenyellow | 54.6919959207978 | -- | NO |
| LG04.4282 | greenyellow | 80.1079882117433 | -- | NO |
| LG04.4291 | greenyellow | 115.180374931406 | -- | NO |
| LG04.439 | greenyellow | 50.5463438277279 | -- | NO |
| LG04.475 | greenyellow | 99.5633691411884 | -- | NO |
| LG04.5 | greenyellow | 87.8397660997297 | -- | NO |
| LG04.531 | greenyellow | 108.711506104632 | -- | NO |
| LG04.550 | greenyellow | 82.1999487688698 | -- | NO |
| LG04.554 | greenyellow | 45.4170893957725 | C2C2-Dof | NO |
| LG04.590 | greenyellow | 102.012655901201 | -- | YES |
| LG04.624 | greenyellow | 109.141449343614 | -- | YES |
| LG04.637 | greenyellow | 128.156530653335 | -- | NO |
| LG04.657 | greenyellow | 46.5676720621949 | -- | NO |
| LG04.704 | greenyellow | 56.2232815592197 | -- | NO |
| LG04.748 | greenyellow | 201.8808405 | -- | YES |
| LG04.752 | greenyellow | 30.265511542256 | -- | YES |
| LG04.795 | greenyellow | 209.554263626085 | -- | YES |
| LG04.841 | greenyellow | 195.565097543837 | -- | YES |
| LG04.877 | greenyellow | 80.8235319524214 | -- | NO |
| LG04.928 | greenyellow | 161.353984780168 | -- | YES |

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|---|---|---|---|---|
| LG04.968 | greenyellow | 115.239790283667 | -- | YES |
| LG04.990 | greenyellow | 40.7213297497731 | -- | NO |
| LG05.1045 | greenyellow | 101.900898976197 | -- | NO |
| LG05.1047 | greenyellow | 81.7805097735762 | -- | NO |
| LG05.1132 | greenyellow | 119.351692352543 | -- | NO |
| LG05.1190 | greenyellow | 147.112520082618 | -- | YES |
| LG05.1283 | greenyellow | 126.59943367064 | -- | YES |
| LG05.131 | greenyellow | 175.25899214792 | -- | YES |
| LG05.1362 | greenyellow | 56.8317403031206 | -- | NO |
| LG05.1440 | greenyellow | 62.984392019076 | -- | NO |
| LG05.1523 | greenyellow | 191.611509748476 | -- | NO |
| LG05.1526 | greenyellow | 164.774756693747 | -- | YES |
| LG05.1668 | greenyellow | 22.3316602101566 | HB-HD-ZIP | NO |
| LG05.1683 | greenyellow | 101.614608554285 | -- | YES |
| LG05.1721 | greenyellow | 4.3081672037392 | -- | NO |
| LG05.1745 | greenyellow | 129.042662980864 | -- | YES |
| LG05.1848 | greenyellow | 103.372715267862 | -- | YES |
| LG05.189 | greenyellow | 171.366616431913 | -- | YES |
| LG05.1918 | greenyellow | 82.696335906974 | -- | YES |
| LG05.192 | greenyellow | 44.5324190191058 | -- | YES |
| LG05.1925 | greenyellow | 61.8705052927248 | -- | NO |
| LG05.1927 | greenyellow | 106.897145316515 | -- | NO |
| LG05.1967 | greenyellow | 3.72861038704863 | bHLH | NO |
| LG05.197 | greenyellow | 70.230078606103 | -- | YES |
| LG05.1980 | greenyellow | 178.860699966422 | -- | YES |
| LG05.2065 | greenyellow | 26.196741898376 | Jumonji | YES |

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|---|---|---|---|---|
| LG05.2070 | greenyellow | 107.464850887893 | -- | NO |
| LG05.2074 | greenyellow | 18.9113998979469 | -- | YES |
| LG05.2187 | greenyellow | 38.4301513386774 | -- | NO |
| LG05.226 | greenyellow | 43.9827852454837 | -- | NO |
| LG05.2299 | greenyellow | 82.6608338457702 | -- | YES |
| LG05.232 | greenyellow | 116.755578669494 | -- | NO |
| LG05.2389 | greenyellow | 77.1536454120062 | -- | NO |
| LG05.2470 | greenyellow | 100.008183846541 | -- | NO |
| LG05.2493 | greenyellow | 206.593651131197 | -- | YES |
| LG05.2502 | greenyellow | 162.658012746694 | -- | YES |
| LG05.2529 | greenyellow | 52.641900179448 | -- | NO |
| LG05.2530 | greenyellow | 108.633687889668 | -- | NO |
| LG05.2531 | greenyellow | 36.3254199900622 | -- | NO |
| LG05.2534 | greenyellow | 137.806046562325 | -- | YES |
| LG05.2630 | greenyellow | 130.032372929916 | -- | YES |
| LG05.2633 | greenyellow | 74.4016406361749 | -- | NO |
| LG05.265 | greenyellow | 46.1076458949124 | -- | NO |
| LG05.2690 | greenyellow | 52.1214106786671 | -- | NO |
| LG05.28 | greenyellow | 141.595017210571 | -- | YES |
| LG05.2924 | greenyellow | 162.147215813154 | -- | YES |
| LG05.3157 | greenyellow | 143.995424767246 | -- | YES |
| LG05.3183 | greenyellow | 121.506906595742 | -- | NO |
| LG05.3206 | greenyellow | 69.842296645801 | -- | YES |
| LG05.3331 | greenyellow | 116.809936328345 | -- | YES |
| LG05.336 | greenyellow | 199.631947290623 | -- | YES |
| LG05.3785 | greenyellow | 55.0245789955858 | -- | NO |

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|---|---|---|---|---|
| LG05.3866 | greenyellow | 110.094107114609 | -- | YES |
| LG05.3899 | greenyellow | 33.4671665255939 | -- | NO |
| LG05.3939 | greenyellow | 166.041204846849 | -- | YES |
| LG05.3998 | greenyellow | 112.148340928521 | -- | YES |
| LG05.4 | greenyellow | 58.2577760441723 | -- | YES |
| LG05.405 | greenyellow | 148.116707097145 | -- | NO |
| LG05.4154 | greenyellow | 179.975056452449 | -- | YES |
| LG05.4208 | greenyellow | 213.629483842191 | -- | YES |
| LG05.4238 | greenyellow | 96.8881058622667 | -- | NO |
| LG05.427 | greenyellow | 192.022949249015 | -- | YES |
| LG05.428 | greenyellow | 84.9910404090121 | -- | NO |
| LG05.4284 | greenyellow | 71.3858941538434 | -- | NO |
| LG05.49 | greenyellow | 148.578026592036 | -- | NO |
| LG05.516 | greenyellow | 73.0415736376701 | -- | YES |
| LG05.584 | greenyellow | 79.058477468773 | -- | NO |
| LG05.59 | greenyellow | 138.421280741324 | -- | NO |
| LG05.670 | greenyellow | 149.486781559856 | -- | YES |
| LG05.684 | greenyellow | 168.263986638504 | -- | NO |
| LG05.696 | greenyellow | 105.815344800151 | -- | YES |
| LG05.781 | greenyellow | 101.017374036225 | -- | YES |
| LG05.811 | greenyellow | 126.384245406818 | WRKY | YES |
| LG05.845 | greenyellow | 107.371582023606 | -- | NO |
| LG05.9 | greenyellow | 145.324407664958 | -- | NO |
| LG05.90 | greenyellow | 124.321431809102 | -- | YES |
| LG05.960 | greenyellow | 136.046033202543 | -- | YES |
| LG05.99 | greenyellow | 109.797948517586 | -- | NO |

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|---|---|---|---|---|
| LG05.991 | greenyellow | 99.9347027374044 | -- | YES |
| LG06.100 | greenyellow | 114.56680604937 | -- | YES |
| LG06.1019 | greenyellow | 105.84303170958 | HB-KNOX | YES |
| LG06.1024 | greenyellow | 16.6831830035124 | -- | NO |
| LG06.1027 | greenyellow | 187.751183231985 | -- | NO |
| LG06.1092 | greenyellow | 94.1238849353978 | -- | YES |
| LG06.1137 | greenyellow | 131.912315498621 | -- | YES |
| LG06.1167 | greenyellow | 122.195284563351 | -- | NO |
| LG06.1279 | greenyellow | 132.016622051047 | -- | YES |
| LG06.128 | greenyellow | 97.6334194166776 | -- | YES |
| LG06.1318 | greenyellow | 147.564995072541 | bHLH | YES |
| LG06.138 | greenyellow | 155.337183445865 | -- | YES |
| LG06.139 | greenyellow | 145.809503753242 | -- | YES |
| LG06.1474 | greenyellow | 88.4477301133237 | -- | YES |
| LG06.148 | greenyellow | 84.429868962998 | -- | YES |
| LG06.1505 | greenyellow | 166.204215365091 | -- | YES |
| LG06.1614 | greenyellow | 110.793948008977 | -- | NO |
| LG06.1653 | greenyellow | 57.8180892959723 | -- | YES |
| LG06.1660 | greenyellow | 18.2539310558585 | -- | NO |
| LG06.170 | greenyellow | 36.4440218212564 | -- | YES |
| LG06.1806 | greenyellow | 97.5151302201266 | -- | NO |
| LG06.182 | greenyellow | 53.2862906574478 | -- | YES |
| LG06.1884 | greenyellow | 114.135428217734 | -- | YES |
| LG06.1934 | greenyellow | 81.5797563742595 | -- | YES |
| LG06.1978 | greenyellow | 107.694781853569 | -- | NO |
| LG06.1986 | greenyellow | 131.250847993261 | -- | YES |

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|---|---|---|---|---|
| LG06.1997 | greenyellow | 136.064329075863 | -- | NO |
| LG06.2035 | greenyellow | 108.088686918148 | -- | NO |
| LG06.2045 | greenyellow | 114.422070496564 | -- | NO |
| LG06.2100 | greenyellow | 91.5608068035621 | -- | NO |
| LG06.2118 | greenyellow | 165.468222106599 | -- | YES |
| LG06.2119 | greenyellow | 10.4597790716658 | -- | NO |
| LG06.213 | greenyellow | 80.0202408000623 | -- | NO |
| LG06.2175 | greenyellow | 88.0789302352408 | -- | YES |
| LG06.2360 | greenyellow | 122.845586016219 | -- | NO |
| LG06.2384 | greenyellow | 144.444766671607 | -- | YES |
| LG06.2394 | greenyellow | 14.6633302955098 | -- | NO |
| LG06.2397 | greenyellow | 60.1957232269428 | -- | YES |
| LG06.2399 | greenyellow | 48.1374678951127 | -- | NO |
| LG06.2467 | greenyellow | 129.594269453301 | -- | NO |
| LG06.2473 | greenyellow | 14.6747300726169 | -- | NO |
| LG06.2500 | greenyellow | 165.342223981364 | -- | YES |
| LG06.2508 | greenyellow | 93.4257863417122 | -- | NO |
| LG06.2597 | greenyellow | 84.3495705240302 | -- | NO |
| LG06.263 | greenyellow | 99.2694191166586 | -- | NO |
| LG06.2646 | greenyellow | 46.0924725690824 | -- | NO |
| LG06.276 | greenyellow | 126.872465082604 | -- | NO |
| LG06.2794 | greenyellow | 104.820098993146 | -- | YES |
| LG06.287 | greenyellow | 119.098303071854 | -- | NO |
| LG06.2911 | greenyellow | 118.947534310002 | -- | NO |
| LG06.296 | greenyellow | 147.35780832359 | -- | YES |
| LG06.298 | greenyellow | 122.520842812239 | -- | NO |

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|---|---|---|---|---|
| LG06.3051 | greenyellow | 145.044314706538 | -- | NO |
| LG06.3159 | greenyellow | 173.46868480638 | -- | YES |
| LG06.3286 | greenyellow | 113.883051296331 | -- | NO |
| LG06.3296 | greenyellow | 163.335394898452 | -- | NO |
| LG06.34 | greenyellow | 131.039613782168 | B3 | YES |
| LG06.3438 | greenyellow | 119.364987450893 | -- | NO |
| LG06.3439 | greenyellow | 52.7108477547278 | -- | NO |
| LG06.3548 | greenyellow | 12.021285321108 | -- | NO |
| LG06.3599 | greenyellow | 46.0293191715679 | -- | NO |
| LG06.3615 | greenyellow | 62.1885343419653 | -- | YES |
| LG06.3704 | greenyellow | 15.0558552339423 | -- | NO |
| LG06.3724 | greenyellow | 145.004434343398 | -- | NO |
| LG06.3734 | greenyellow | 91.2837121458542 | -- | NO |
| LG06.3749 | greenyellow | 212.625494899602 | -- | YES |
| LG06.3750 | greenyellow | 160.534480536867 | -- | YES |
| LG06.3751 | greenyellow | 88.6153994531783 | -- | YES |
| LG06.3753 | greenyellow | 2.60880827528131 | -- | NO |
| LG06.3806 | greenyellow | 161.585516162122 | -- | YES |
| LG06.3840 | greenyellow | 210.390786773147 | -- | YES |
| LG06.3841 | greenyellow | 96.7536683107079 | -- | NO |
| LG06.3842 | greenyellow | 118.771761060805 | -- | NO |
| LG06.3876 | greenyellow | 107.933132164406 | -- | YES |
| LG06.3877 | greenyellow | 70.93551811 | -- | YES |
| LG06.389 | greenyellow | 137.161088157292 | -- | NO |
| LG06.3940 | greenyellow | 131.20681311331 | -- | NO |
| LG06.3953 | greenyellow | 12.7604319082838 | -- | NO |

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|---|---|---|---|---|
| LG06.3998 | greenyellow | 112.504163090143 | -- | YES |
| LG06.4008 | greenyellow | 126.466133061084 | -- | NO |
| LG06.4062 | greenyellow | 96.0704084399893 | -- | NO |
| LG06.4106 | greenyellow | 161.143400916516 | -- | NO |
| LG06.4154 | greenyellow | 34.0749447593685 | -- | NO |
| LG06.420 | greenyellow | 84.7108571886522 | -- | YES |
| LG06.43 | greenyellow | 189.270969889201 | -- | YES |
| LG06.449 | greenyellow | 76.1588996178609 | -- | NO |
| LG06.4500 | greenyellow | 14.5941865937817 | -- | NO |
| LG06.4551 | greenyellow | 160.441100810052 | -- | NO |
| LG06.4555 | greenyellow | 36.4630114509624 | -- | NO |
| LG06.4560 | greenyellow | 92.5158375238324 | -- | NO |
| LG06.4583 | greenyellow | 48.0984326259881 | -- | NO |
| LG06.4727 | greenyellow | 132.619740387207 | -- | NO |
| LG06.4756 | greenyellow | 93.7494070217921 | -- | NO |
| LG06.4821 | greenyellow | 157.875458030323 | -- | NO |
| LG06.4836 | greenyellow | 202.055477955803 | -- | YES |
| LG06.4885 | greenyellow | 118.214318745919 | -- | NO |
| LG06.4900 | greenyellow | 128.245029330721 | -- | NO |
| LG06.4932 | greenyellow | 71.5958777775875 | -- | YES |
| LG06.5062 | greenyellow | 43.8424475956843 | -- | NO |
| LG06.508 | greenyellow | 85.4451585323824 | -- | NO |
| LG06.5132 | greenyellow | 81.7934015791542 | -- | YES |
| LG06.5208 | greenyellow | 70.1960396651129 | -- | NO |
| LG06.5241 | greenyellow | 128.999641701429 | -- | YES |
| LG06.5259 | greenyellow | 36.5761887023709 | -- | NO |

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|---|---|---|---|---|
| LG06.5429 | greenyellow | 153.691030986053 | -- | NO |
| LG06.5434 | greenyellow | 156.23394395191 | -- | NO |
| LG06.5444 | greenyellow | 124.71395351154 | -- | NO |
| LG06.5449 | greenyellow | 175.336965496254 | -- | YES |
| LG06.5452 | greenyellow | 119.073591257601 | -- | NO |
| LG06.5465 | greenyellow | 31.4562890162173 | -- | NO |
| LG06.547 | greenyellow | 40.4330752287535 | -- | NO |
| LG06.5476 | greenyellow | 100.631061565277 | -- | NO |
| LG06.5497 | greenyellow | 158.428986027243 | -- | NO |
| LG06.606 | greenyellow | 170.962497706484 | -- | YES |
| LG06.740 | greenyellow | 17.146196522627 | TAZ | NO |
| LG06.760 | greenyellow | 168.278721871776 | -- | YES |
| LG06.854 | greenyellow | 83.2727072727377 | -- | YES |
| LG06.870 | greenyellow | 116.577833396259 | -- | YES |
| LG06.872 | greenyellow | 142.468713892955 | -- | NO |
| LG06.912 | greenyellow | 141.384605282491 | -- | YES |
| LG06.967 | greenyellow | 120.39697292431 | -- | YES |
| LG06.968 | greenyellow | 107.708268841693 | -- | YES |
| LG06.976 | greenyellow | 155.075759222466 | -- | YES |
| LG06.982 | greenyellow | 159.720570953262 | -- | NO |
| LG06.993 | greenyellow | 20.3028019951825 | -- | NO |
| LG07.113 | greenyellow | 97.8911571396844 | -- | NO |
| LG07.1150 | greenyellow | 98.2373899242684 | -- | YES |
| LG07.1156 | greenyellow | 107.444777760514 | -- | YES |
| LG07.1163 | greenyellow | 199.149122574703 | -- | YES |
| LG07.1165 | greenyellow | 87.670866362027 | -- | NO |

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|---|---|---|---|---|
| LG07.1189 | greenyellow | 36.7360333424402 | -- | YES |
| LG07.1203 | greenyellow | 91.0753737063005 | -- | NO |
| LG07.1215 | greenyellow | 100.848148631207 | -- | NO |
| LG07.1251 | greenyellow | 136.726090823832 | -- | NO |
| LG07.127 | greenyellow | 146.422255028582 | -- | YES |
| LG07.1321 | greenyellow | 172.06998230417 | -- | NO |
| LG07.1348 | greenyellow | 172.483448540251 | -- | YES |
| LG07.1366 | greenyellow | 83.856759278345 | -- | NO |
| LG07.1393 | greenyellow | 115.863906384214 | -- | NO |
| LG07.1401 | greenyellow | 116.896958654833 | -- | YES |
| LG07.1403 | greenyellow | 121.742968882854 | -- | YES |
| LG07.1430 | greenyellow | 156.600517263676 | -- | YES |
| LG07.1498 | greenyellow | 69.4939279851816 | -- | YES |
| LG07.1499 | greenyellow | 39.5782388092333 | -- | NO |
| LG07.1506 | greenyellow | 79.1750974627742 | -- | NO |
| LG07.1507 | greenyellow | 193.484787784612 | -- | YES |
| LG07.154 | greenyellow | 16.5980154180249 | -- | NO |
| LG07.1557 | greenyellow | 34.0143220509049 | -- | NO |
| LG07.1640 | greenyellow | 120.615998035517 | WRKY | YES |
| LG07.1648 | greenyellow | 160.792916315129 | -- | YES |
| LG07.1675 | greenyellow | 198.929791061984 | -- | YES |
| LG07.1685 | greenyellow | 120.769389098033 | -- | YES |
| LG07.175 | greenyellow | 15.3394653792702 | -- | NO |
| LG07.1822 | greenyellow | 112.576369682998 | -- | NO |
| LG07.1841 | greenyellow | 118.277896871867 | -- | YES |
| LG07.1850 | greenyellow | 137.172817425094 | -- | YES |

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|---|---|---|---|---|
| LG07.1881 | greenyellow | 29.2866252276998 | -- | NO |
| LG07.1916 | greenyellow | 63.5361761647623 | -- | YES |
| LG07.1948 | greenyellow | 72.1804410463362 | -- | NO |
| LG07.1979 | greenyellow | 39.4443195731494 | -- | YES |
| LG07.1998 | greenyellow | 85.0443600069616 | -- | NO |
| LG07.2122 | greenyellow | 42.4575221693305 | -- | NO |
| LG07.2211 | greenyellow | 73.5775082428056 | -- | YES |
| LG07.2271 | greenyellow | 98.0542880528392 | -- | YES |
| LG07.2551 | greenyellow | 42.4741338349418 | -- | YES |
| LG07.257 | greenyellow | 99.1655448074796 | -- | NO |
| LG07.2623 | greenyellow | 77.3359512297488 | -- | YES |
| LG07.2674 | greenyellow | 24.0586159952303 | -- | NO |
| LG07.2916 | greenyellow | 140.185670747885 | -- | YES |
| LG07.2947 | greenyellow | 9.44104722985172 | -- | NO |
| LG07.2967 | greenyellow | 202.838686897417 | -- | YES |
| LG07.3014 | greenyellow | 168.126511143028 | -- | YES |
| LG07.3015 | greenyellow | 90.9879871872638 | -- | NO |
| LG07.3043 | greenyellow | 59.2479724518076 | -- | NO |
| LG07.3110 | greenyellow | 138.91666466228 | -- | YES |
| LG07.3187 | greenyellow | 140.510629524079 | -- | YES |
| LG07.3196 | greenyellow | 55.455999124448 | -- | NO |
| LG07.3240 | greenyellow | 45.1175434940601 | B3 | NO |
| LG07.3334 | greenyellow | 102.520333078247 | -- | YES |
| LG07.3379 | greenyellow | 85.9334302471301 | -- | NO |
| LG07.3435 | greenyellow | 56.8638785576494 | -- | YES |
| LG07.3436 | greenyellow | 69.8358797215738 | -- | YES |

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|---|---|---|---|---|
| LG07.3460 | greenyellow | 65.3510470026211 | -- | NO |
| LG07.3510 | greenyellow | 151.377896990414 | -- | NO |
| LG07.3674 | greenyellow | 97.0281126005153 | -- | NO |
| LG07.371 | greenyellow | 8.28906368739669 | -- | NO |
| LG07.3787 | greenyellow | 74.1803331222609 | -- | YES |
| LG07.383 | greenyellow | 96.1713312809922 | -- | YES |
| LG07.391 | greenyellow | 73.5742097720079 | -- | YES |
| LG07.4049 | greenyellow | 7.29707994876513 | -- | NO |
| LG07.41 | greenyellow | 163.467796554575 | -- | YES |
| LG07.4104 | greenyellow | 117.995155553527 | -- | YES |
| LG07.4111 | greenyellow | 73.9195974770609 | -- | NO |
| LG07.4213 | greenyellow | 82.8875334041052 | -- | NO |
| LG07.4223 | greenyellow | 114.818526655444 | -- | YES |
| LG07.4238 | greenyellow | 156.977854191741 | -- | YES |
| LG07.4246 | greenyellow | 59.9393765459554 | -- | NO |
| LG07.4248 | greenyellow | 43.8020168456166 | -- | NO |
| LG07.470 | greenyellow | 204.363753585229 | -- | YES |
| LG07.497 | greenyellow | 129.531331039153 | -- | NO |
| LG07.505 | greenyellow | 120.203070791612 | -- | YES |
| LG07.566 | greenyellow | 87.6727430500705 | -- | NO |
| LG07.625 | greenyellow | 97.3600375666842 | C3H | YES |
| LG07.662 | greenyellow | 106.960233235342 | -- | NO |
| LG07.682 | greenyellow | 191.777931112286 | -- | YES |
| LG07.686 | greenyellow | 115.853915950363 | -- | NO |
| LG07.72 | greenyellow | 102.69133224409 | -- | NO |
| LG07.728 | greenyellow | 109.923959355094 | -- | NO |

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|---|---|---|---|---|
| LG07.753 | greenyellow | 91.6948801477316 | TRAF | YES |
| LG07.784 | greenyellow | 74.5883118330792 | -- | NO |
| LG07.822 | greenyellow | 112.367300075991 | -- | YES |
| LG07.824 | greenyellow | 124.402406511248 | -- | YES |
| LG07.843 | greenyellow | 138.707948698955 | -- | YES |
| novel.1042 | greenyellow | 81.5000183078094 | -- | NO |
| novel.106 | greenyellow | 165.814347263164 | -- | YES |
| novel.1080 | greenyellow | 177.022717630005 | -- | YES |
| novel.1115 | greenyellow | 92.359666642713 | -- | YES |
| novel.1139 | greenyellow | 194.596137663475 | -- | YES |
| novel.115 | greenyellow | 167.591365534424 | -- | YES |
| novel.1153 | greenyellow | 115.792417714165 | -- | YES |
| novel.1195 | greenyellow | 25.4374165752938 | -- | NO |
| novel.1250 | greenyellow | 78.57095957 | -- | NO |
| novel.1261 | greenyellow | 36.0703302804746 | -- | NO |
| novel.1327 | greenyellow | 96.9253842676487 | -- | NO |
| novel.1392 | greenyellow | 122.896947805673 | -- | YES |
| novel.1394 | greenyellow | 77.9317754274292 | -- | NO |
| novel.1401 | greenyellow | 63.0937217374043 | -- | YES |
| novel.1404 | greenyellow | 79.1433287270011 | -- | NO |
| novel.1500 | greenyellow | 120.896271036516 | -- | YES |
| novel.1508 | greenyellow | 167.06288261701 | -- | YES |
| novel.1510 | greenyellow | 121.619687298633 | -- | YES |
| novel.1526 | greenyellow | 88.832000869142 | -- | NO |
| novel.1553 | greenyellow | 21.025026914919 | -- | NO |
| novel.1642 | greenyellow | 185.822710858214 | -- | YES |

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|---|---|---|---|---|
| novel.1671 | greenyellow | 13.7496015600933 | -- | NO |
| novel.1728 | greenyellow | 208.989712694923 | -- | YES |
| novel.1732 | greenyellow | 83.2715364468711 | -- | NO |
| novel.1752 | greenyellow | 29.2144808110054 | -- | YES |
| novel.1774 | greenyellow | 142.647847872044 | -- | NO |
| novel.1781 | greenyellow | 164.030007920949 | FAR1 | YES |
| novel.179 | greenyellow | 27.7427028528773 | -- | NO |
| novel.1821 | greenyellow | 28.6907426719332 | -- | YES |
| novel.1840 | greenyellow | 36.293195132708 | -- | YES |
| novel.189 | greenyellow | 58.8548155760946 | -- | NO |
| novel.1929 | greenyellow | 81.8652144533806 | -- | NO |
| novel.196 | greenyellow | 9.10491238413601 | -- | NO |
| novel.2010 | greenyellow | 8.55892208951893 | -- | NO |
| novel.2046 | greenyellow | 45.5538177528027 | -- | NO |
| novel.2111 | greenyellow | 183.816708603794 | -- | YES |
| novel.2118 | greenyellow | 72.5711097649354 | -- | YES |
| novel.2119 | greenyellow | 63.3485176946754 | -- | YES |
| novel.2126 | greenyellow | 150.338125585068 | -- | NO |
| novel.2214 | greenyellow | 15.5043679357873 | -- | YES |
| novel.239 | greenyellow | 114.620143934042 | -- | YES |
| novel.2417 | greenyellow | 143.080693794693 | -- | YES |
| novel.2506 | greenyellow | 87.1734742662221 | -- | YES |
| novel.252 | greenyellow | 87.1229052421247 | -- | NO |
| novel.2543 | greenyellow | 14.9766112620067 | -- | YES |
| novel.2565 | greenyellow | 20.3646676500133 | -- | YES |
| novel.2630 | greenyellow | 127.584105608283 | -- | NO |

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|---|---|---|---|---|
| novel.2631 | greenyellow | 48.7259323535067 | -- | YES |
| novel.337 | greenyellow | 21.9607442585553 | -- | NO |
| novel.352 | greenyellow | 158.848931125645 | -- | YES |
| novel.449 | greenyellow | 160.590509474224 | -- | YES |
| novel.454 | greenyellow | 23.3654953939165 | -- | YES |
| novel.456 | greenyellow | 81.9947241882414 | -- | NO |
| novel.48 | greenyellow | 152.282297188448 | -- | YES |
| novel.556 | greenyellow | 105.026217181413 | -- | YES |
| novel.561 | greenyellow | 38.9778273112266 | -- | NO |
| novel.677 | greenyellow | 41.6692992714151 | -- | YES |
| novel.708 | greenyellow | 20.8476914148484 | -- | NO |
| novel.830 | greenyellow | 89.2987324141391 | -- | NO |
| novel.845 | greenyellow | 13.6883958618136 | -- | NO |
| novel.85 | greenyellow | 91.3848291143351 | -- | NO |
| novel.866 | greenyellow | 141.31788767647 | -- | YES |
| novel.937 | greenyellow | 80.1610977004418 | -- | YES |
| novel.94 | greenyellow | 165.636209029434 | -- | YES |
| novel.956 | greenyellow | 20.0467787221896 | -- | NO |
| LG01.10 | yellow | 174.718688724941 | -- | YES |
| LG01.105 | yellow | 205.356391523703 | -- | NO |
| LG01.1056 | yellow | 149.169014820062 | -- | NO |
| LG01.114 | yellow | 510.030834558853 | -- | NO |
| LG01.1146 | yellow | 424.196002114044 | SWI/SNF-BAF60b | NO |
| LG01.1147 | yellow | 286.295536598773 | -- | YES |
| LG01.1151 | yellow | 301.990716822515 | -- | NO |
| LG01.1166 | yellow | 438.917610933438 | -- | YES |

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|---|---|---|---|---|
| LG01.1167 | yellow | 443.380554539398 | -- | YES |
| LG01.1170 | yellow | 715.137518209087 | -- | YES |
| LG01.1212 | yellow | 137.119085759284 | -- | YES |
| LG01.1223 | yellow | 225.364238115805 | -- | NO |
| LG01.1225 | yellow | 549.175310033139 | -- | YES |
| LG01.1226 | yellow | 557.595275640061 | -- | YES |
| LG01.1227 | yellow | 417.604787186712 | -- | YES |
| LG01.1244 | yellow | 415.642368208357 | NAC | YES |
| LG01.1258 | yellow | 110.189702390359 | -- | YES |
| LG01.1323 | yellow | 125.322722929606 | -- | YES |
| LG01.1356 | yellow | 723.480442484411 | -- | YES |
| LG01.1397 | yellow | 682.984596717528 | -- | YES |
| LG01.1402 | yellow | 244.970482971699 | -- | YES |
| LG01.1403 | yellow | 98.4345816900572 | -- | NO |
| LG01.1412 | yellow | 615.10399793591 | -- | YES |
| LG01.1413 | yellow | 578.748877997526 | -- | YES |
| LG01.1538 | yellow | 515.211032998972 | -- | YES |
| LG01.1609 | yellow | 302.251656133729 | -- | YES |
| LG01.1655 | yellow | 211.128837783683 | -- | YES |
| LG01.1662 | yellow | 135.930904329584 | -- | NO |
| LG01.1664 | yellow | 282.829564292119 | -- | YES |
| LG01.1690 | yellow | 643.727072089424 | -- | YES |
| LG01.171 | yellow | 628.837518196018 | -- | YES |
| LG01.1736 | yellow | 358.322388910348 | -- | YES |
| LG01.1767 | yellow | 97.3169596584041 | -- | NO |
| LG01.1799 | yellow | 137.907349409226 | -- | NO |

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|---|---|---|---|---|
| LG01.1810 | yellow | 541.49142157248 | -- | YES |
| LG01.1815 | yellow | 669.255403868166 | -- | YES |
| LG01.1835 | yellow | 224.731380210631 | -- | YES |
| LG01.1837 | yellow | 235.93679197438 | zf-HD | YES |
| LG01.1909 | yellow | 33.8693564340517 | -- | NO |
| LG01.192 | yellow | 167.782422820997 | -- | YES |
| LG01.1959 | yellow | 270.307750790304 | -- | YES |
| LG01.199 | yellow | 421.63958836713 | -- | NO |
| LG01.2038 | yellow | 533.25493875016 | -- | YES |
| LG01.2039 | yellow | 396.49075921788 | -- | YES |
| LG01.2051 | yellow | 590.754632087461 | -- | NO |
| LG01.2085 | yellow | 583.011820930188 | -- | YES |
| LG01.209 | yellow | 193.991003875335 | -- | YES |
| LG01.2095 | yellow | 396.137421598237 | -- | NO |
| LG01.2111 | yellow | 544.615249069604 | -- | YES |
| LG01.2113 | yellow | 278.266744534599 | -- | NO |
| LG01.2145 | yellow | 264.125291742662 | -- | YES |
| LG01.2146 | yellow | 346.157461058634 | -- | YES |
| LG01.2161 | yellow | 325.879570400396 | -- | YES |
| LG01.2183 | yellow | 10.7019686684523 | -- | NO |
| LG01.2211 | yellow | 693.80467443404 | -- | YES |
| LG01.2285 | yellow | 457.897605082563 | -- | YES |
| LG01.2300 | yellow | 309.137636144056 | -- | YES |
| LG01.2318 | yellow | 379.543746200776 | -- | YES |
| LG01.2353 | yellow | 544.992321935969 | -- | YES |
| LG01.2354 | yellow | 345.970683712606 | -- | YES |

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|---|---|---|---|---|
| LG01.2370 | yellow | 371.012658303319 | -- | NO |
| LG01.2374 | yellow | 310.732590281046 | -- | YES |
| LG01.2391 | yellow | 123.084163448448 | -- | NO |
| LG01.2395 | yellow | 280.430871249233 | -- | YES |
| LG01.2423 | yellow | 17.292132331886 | -- | NO |
| LG01.2445 | yellow | 590.694123303102 | -- | YES |
| LG01.2450 | yellow | 400.497144719673 | -- | NO |
| LG01.2465 | yellow | 260.167670723464 | -- | YES |
| LG01.2483 | yellow | 211.087294064027 | -- | NO |
| LG01.2489 | yellow | 19.9603270275834 | -- | NO |
| LG01.2523 | yellow | 282.246381747254 | -- | YES |
| LG01.2544 | yellow | 173.105728152998 | SRS | NO |
| LG01.2558 | yellow | 184.633809232302 | -- | YES |
| LG01.2624 | yellow | 71.5336897827994 | -- | YES |
| LG01.2651 | yellow | 262.103353695722 | -- | YES |
| LG01.2652 | yellow | 612.192435862087 | -- | YES |
| LG01.2671 | yellow | 264.36395346597 | -- | YES |
| LG01.2675 | yellow | 500.456114316295 | -- | YES |
| LG01.2683 | yellow | 381.913142913432 | -- | YES |
| LG01.2698 | yellow | 190.962070935482 | -- | YES |
| LG01.2719 | yellow | 124.772642325735 | -- | NO |
| LG01.2724 | yellow | 250.217870272863 | -- | YES |
| LG01.2729 | yellow | 108.139316815463 | -- | NO |
| LG01.2751 | yellow | 9.67848591393189 | -- | NO |
| LG01.2752 | yellow | 337.874127340304 | HB-WOX | YES |
| LG01.2757 | yellow | 316.24530563004 | -- | YES |

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|---|---|---|---|---|
| LG01.2788 | yellow | 141.028781596153 | -- | NO |
| LG01.2812 | yellow | 660.893235105641 | -- | YES |
| LG01.2829 | yellow | 397.808309959899 | -- | YES |
| LG01.2830 | yellow | 234.477815430231 | -- | YES |
| LG01.2843 | yellow | 50.3048685754701 | -- | NO |
| LG01.2844 | yellow | 686.943046311175 | -- | YES |
| LG01.2898 | yellow | 561.561238534254 | -- | YES |
| LG01.2912 | yellow | 269.623290730468 | -- | YES |
| LG01.2917 | yellow | 352.351264307443 | -- | YES |
| LG01.2926 | yellow | 80.9596851047378 | -- | NO |
| LG01.2937 | yellow | 197.466490611303 | -- | YES |
| LG01.2942 | yellow | 238.718265549168 | -- | NO |
| LG01.2949 | yellow | 724.793727980405 | -- | YES |
| LG01.2953 | yellow | 470.466751956586 | -- | YES |
| LG01.2963 | yellow | 644.556043971725 | -- | YES |
| LG01.2967 | yellow | 476.162993550518 | HSF | NO |
| LG01.3041 | yellow | 559.033969728183 | -- | NO |
| LG01.3045 | yellow | 234.195507766397 | -- | NO |
| LG01.3050 | yellow | 311.052999277927 | -- | NO |
| LG01.3063 | yellow | 610.59858855084 | -- | YES |
| LG01.3064 | yellow | 424.420883431238 | C3H | YES |
| LG01.3065 | yellow | 390.937951253003 | -- | YES |
| LG01.3075 | yellow | 6.36206777885705 | -- | NO |
| LG01.3078 | yellow | 144.40369153893 | -- | NO |
| LG01.3107 | yellow | 376.210884948245 | -- | NO |
| LG01.3122 | yellow | 256.206811536661 | -- | NO |

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|---|---|---|---|---|
| LG01.3167 | yellow | 129.861176730822 | -- | NO |
| LG01.3180 | yellow | 435.441295232644 | MBF1 | NO |
| LG01.3186 | yellow | 704.253284938222 | -- | YES |
| LG01.3201 | yellow | 685.264650992328 | -- | YES |
| LG01.3206 | yellow | 101.271606297351 | -- | YES |
| LG01.3208 | yellow | 218.820048401535 | -- | NO |
| LG01.3210 | yellow | 723.679076403839 | -- | YES |
| LG01.3211 | yellow | 560.531277793273 | -- | NO |
| LG01.3212 | yellow | 391.204365815318 | -- | YES |
| LG01.3218 | yellow | 263.679904745558 | -- | NO |
| LG01.3220 | yellow | 49.7339146074471 | -- | NO |
| LG01.3254 | yellow | 124.623789670365 | -- | YES |
| LG01.3256 | yellow | 588.82577085328 | -- | NO |
| LG01.3285 | yellow | 100.539144052595 | -- | NO |
| LG01.3289 | yellow | 527.713910425672 | -- | YES |
| LG01.3290 | yellow | 154.402881004067 | -- | NO |
| LG01.3314 | yellow | 290.282988779568 | -- | YES |
| LG01.3324 | yellow | 22.4830705150582 | -- | NO |
| LG01.3333 | yellow | 119.275652229493 | -- | NO |
| LG01.3343 | yellow | 601.918499206733 | -- | YES |
| LG01.3354 | yellow | 163.106280155908 | -- | NO |
| LG01.3364 | yellow | 325.016676282353 | -- | YES |
| LG01.3365 | yellow | 564.534910252209 | -- | YES |
| LG01.3376 | yellow | 252.085843837369 | -- | YES |
| LG01.3388 | yellow | 660.485061265332 | -- | YES |
| LG01.3407 | yellow | 320.016226618738 | -- | YES |

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|---|---|---|---|---|
| LG01.3408 | yellow | 475.118288688916 | -- | YES |
| LG01.3424 | yellow | 439.6784883 | C2H2 | YES |
| LG01.3426 | yellow | 314.3405368 | C2H2 | YES |
| LG01.3439 | yellow | 77.4871909142118 | -- | NO |
| LG01.3458 | yellow | 124.278337386735 | -- | NO |
| LG01.3471 | yellow | 50.1353393317495 | -- | NO |
| LG01.3502 | yellow | 478.337885950614 | -- | YES |
| LG01.3517 | yellow | 67.7401293316942 | -- | NO |
| LG01.3529 | yellow | 335.390837871046 | -- | NO |
| LG01.3532 | yellow | 282.136225230085 | -- | YES |
| LG01.3536 | yellow | 252.403127742832 | -- | NO |
| LG01.3551 | yellow | 251.502822523255 | -- | NO |
| LG01.3570 | yellow | 546.490012209217 | -- | YES |
| LG01.3590 | yellow | 285.933468146683 | -- | NO |
| LG01.3592 | yellow | 215.699585703087 | -- | NO |
| LG01.433 | yellow | 658.005590524062 | -- | YES |
| LG01.439 | yellow | 372.199603395038 | -- | YES |
| LG01.450 | yellow | 49.9976888794707 | -- | NO |
| LG01.486 | yellow | 311.466354448327 | -- | YES |
| LG01.499 | yellow | 400.850203425663 | -- | YES |
| LG01.502 | yellow | 169.068645290905 | -- | NO |
| LG01.517 | yellow | 373.294063313403 | -- | YES |
| LG01.558 | yellow | 619.258799554211 | -- | YES |
| LG01.575 | yellow | 477.881416504197 | -- | YES |
| LG01.6 | yellow | 295.932186027476 | -- | NO |
| LG01.609 | yellow | 42.4656421150989 | -- | NO |

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|---|---|---|---|---|
| LG01.621 | yellow | 349.253285262816 | -- | YES |
| LG01.623 | yellow | 485.447594064115 | -- | YES |
| LG01.626 | yellow | 157.187588500656 | -- | NO |
| LG01.633 | yellow | 292.520228416053 | -- | NO |
| LG01.656 | yellow | 291.872895720507 | -- | NO |
| LG01.671 | yellow | 726.141617412663 | -- | YES |
| LG01.730 | yellow | 117.473323942075 | -- | NO |
| LG01.733 | yellow | 740.428503093734 | -- | YES |
| LG01.75 | yellow | 540.852056921296 | -- | YES |
| LG01.789 | yellow | 480.957701834729 | -- | YES |
| LG01.811 | yellow | 562.422359744037 | MYB-related | YES |
| LG01.869 | yellow | 225.823307471661 | -- | NO |
| LG01.877 | yellow | 63.2246063971559 | -- | YES |
| LG01.900 | yellow | 27.419309662514 | -- | NO |
| LG01.901 | yellow | 287.909645426089 | -- | YES |
| LG01.932 | yellow | 162.564338499568 | -- | YES |
| LG01.963 | yellow | 628.465404973512 | -- | YES |
| LG01.987 | yellow | 335.15059995985 | MYB | YES |
| LG01.988 | yellow | 439.662281596347 | -- | NO |
| LG01.989 | yellow | 740.16905254674 | -- | YES |
| LG01.992 | yellow | 668.496827770142 | -- | YES |
| LG02.1015 | yellow | 198.250942301354 | -- | YES |
| LG02.1031 | yellow | 136.162386521841 | -- | NO |
| LG02.1037 | yellow | 690.952787431244 | DBP | YES |
| LG02.1071 | yellow | 339.666739884338 | -- | YES |
| LG02.1110 | yellow | 627.962338122046 | -- | YES |

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|---|---|---|---|---|
| LG02.1113 | yellow | 522.544476964572 | -- | YES |
| LG02.1120 | yellow | 221.71879397721 | -- | NO |
| LG02.1123 | yellow | 222.93802298326 | -- | YES |
| LG02.1164 | yellow | 448.430127434324 | -- | YES |
| LG02.1169 | yellow | 586.14944851695 | -- | YES |
| LG02.1170 | yellow | 710.420951152083 | -- | YES |
| LG02.1193 | yellow | 15.2876998027742 | -- | NO |
| LG02.1215 | yellow | 648.482793640142 | -- | YES |
| LG02.1217 | yellow | 191.388217911282 | -- | YES |
| LG02.124 | yellow | 446.881447469223 | -- | YES |
| LG02.1260 | yellow | 210.018252203764 | -- | NO |
| LG02.1268 | yellow | 453.66204107391 | -- | YES |
| LG02.1296 | yellow | 665.10511286292 | -- | YES |
| LG02.1312 | yellow | 242.86510115214 | -- | YES |
| LG02.1351 | yellow | 257.949139139814 | -- | YES |
| LG02.1371 | yellow | 582.436235835271 | -- | YES |
| LG02.1390 | yellow | 204.372262664258 | -- | YES |
| LG02.14 | yellow | 577.291053186175 | -- | YES |
| LG02.1418 | yellow | 570.490684063753 | -- | YES |
| LG02.1419 | yellow | 510.750898264805 | -- | YES |
| LG02.1425 | yellow | 258.37815933107 | -- | NO |
| LG02.1428 | yellow | 351.072877629374 | -- | NO |
| LG02.15 | yellow | 289.444864361709 | -- | NO |
| LG02.1537 | yellow | 411.329797016399 | -- | YES |
| LG02.1567 | yellow | 139.085030296857 | -- | NO |
| LG02.1572 | yellow | 316.02622433312 | -- | YES |

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|---|---|---|---|---|
| LG02.1587 | yellow | 705.299100414772 | -- | YES |
| LG02.1599 | yellow | 253.78486385283 | -- | YES |
| LG02.1607 | yellow | 60.1580406806984 | -- | NO |
| LG02.1611 | yellow | 447.271398229704 | -- | YES |
| LG02.1612 | yellow | 395.569971034771 | -- | YES |
| LG02.1634 | yellow | 661.866692302755 | -- | YES |
| LG02.164 | yellow | 352.155583439513 | zf-HD | YES |
| LG02.1640 | yellow | 329.191645296396 | -- | NO |
| LG02.1658 | yellow | 106.738952481726 | -- | YES |
| LG02.171 | yellow | 217.629594355314 | -- | YES |
| LG02.1718 | yellow | 429.06324333898 | -- | YES |
| LG02.1774 | yellow | 262.751729724778 | -- | NO |
| LG02.1785 | yellow | 388.20125323531 | -- | YES |
| LG02.1803 | yellow | 579.329780743437 | -- | YES |
| LG02.1805 | yellow | 500.638894254435 | -- | YES |
| LG02.1841 | yellow | 268.467150909245 | -- | NO |
| LG02.1868 | yellow | 609.249370235248 | -- | YES |
| LG02.1870 | yellow | 64.8360402875802 | -- | NO |
| LG02.1872 | yellow | 589.767663210969 | -- | YES |
| LG02.1878 | yellow | 426.808792691274 | -- | YES |
| LG02.1908 | yellow | 129.056370395137 | -- | YES |
| LG02.1919 | yellow | 332.330830719245 | -- | YES |
| LG02.1944 | yellow | 344.81453145966 | -- | YES |
| LG02.196 | yellow | 345.209888572496 | -- | YES |
| LG02.1968 | yellow | 165.942476491248 | -- | NO |
| LG02.1972 | yellow | 652.170970167937 | -- | YES |

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|---|---|---|---|---|
| LG02.1975 | yellow | 679.650278658946 | -- | YES |
| LG02.1984 | yellow | 153.791289668329 | -- | NO |
| LG02.1997 | yellow | 271.197960596664 | -- | NO |
| LG02.2015 | yellow | 624.217124146069 | -- | YES |
| LG02.2044 | yellow | 172.529336105528 | -- | NO |
| LG02.2060 | yellow | 299.112511727921 | -- | YES |
| LG02.2061 | yellow | 458.233850872057 | -- | YES |
| LG02.2062 | yellow | 365.01448338934 | -- | NO |
| LG02.2067 | yellow | 715.975266761534 | -- | YES |
| LG02.2068 | yellow | 691.583964946183 | -- | YES |
| LG02.2137 | yellow | 528.000163261996 | -- | NO |
| LG02.2147 | yellow | 350.272828163452 | -- | YES |
| LG02.2158 | yellow | 106.805947446215 | -- | NO |
| LG02.2160 | yellow | 280.601709195776 | -- | NO |
| LG02.22 | yellow | 451.904633886852 | -- | NO |
| LG02.2219 | yellow | 271.03790470783 | -- | YES |
| LG02.223 | yellow | 638.676120900962 | AP2/ERF-ERF | YES |
| LG02.2238 | yellow | 343.75771367566 | -- | YES |
| LG02.2243 | yellow | 711.116513871277 | -- | YES |
| LG02.2244 | yellow | 670.117262619937 | -- | YES |
| LG02.2274 | yellow | 124.921621236692 | -- | YES |
| LG02.2279 | yellow | 602.360996001525 | -- | YES |
| LG02.2290 | yellow | 259.890937883085 | -- | YES |
| LG02.2293 | yellow | 224.207581970412 | -- | NO |
| LG02.2298 | yellow | 224.973327948651 | -- | YES |
| LG02.2303 | yellow | 236.269807407866 | -- | YES |

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|---|---|---|---|---|
| LG02.2312 | yellow | 251.208984874938 | -- | YES |
| LG02.2316 | yellow | 658.258519213769 | -- | YES |
| LG02.2327 | yellow | 165.694160910065 | -- | NO |
| LG02.2398 | yellow | 462.637723894719 | -- | YES |
| LG02.2514 | yellow | 124.603146407787 | -- | NO |
| LG02.2524 | yellow | 38.6681582563643 | GNAT | NO |
| LG02.2540 | yellow | 283.013551886216 | -- | YES |
| LG02.2595 | yellow | 610.900158538902 | -- | YES |
| LG02.2618 | yellow | 487.262811523953 | -- | YES |
| LG02.2627 | yellow | 655.401391831678 | -- | YES |
| LG02.2628 | yellow | 681.036001826398 | -- | YES |
| LG02.2633 | yellow | 545.093821172874 | -- | YES |
| LG02.2634 | yellow | 121.456399086309 | -- | NO |
| LG02.2650 | yellow | 425.617278570249 | -- | YES |
| LG02.2657 | yellow | 642.79404859676 | -- | YES |
| LG02.2658 | yellow | 179.147668800538 | -- | NO |
| LG02.2673 | yellow | 332.15044470429 | -- | YES |
| LG02.2676 | yellow | 337.620894468247 | -- | YES |
| LG02.2686 | yellow | 325.960902246509 | -- | YES |
| LG02.2687 | yellow | 679.597213827959 | -- | YES |
| LG02.27 | yellow | 699.349760241927 | -- | YES |
| LG02.2726 | yellow | 383.424133592772 | -- | NO |
| LG02.2736 | yellow | 737.779606434781 | -- | YES |
| LG02.2786 | yellow | 47.9587647924032 | -- | NO |
| LG02.28 | yellow | 586.638379152165 | -- | YES |
| LG02.2807 | yellow | 250.985497444677 | -- | YES |

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|---|---|---|---|---|
| LG02.281 | yellow | 663.969458013911 | -- | YES |
| LG02.282 | yellow | 499.94061211073 | -- | NO |
| LG02.2834 | yellow | 660.07841676709 | -- | YES |
| LG02.2849 | yellow | 321.970103654771 | -- | NO |
| LG02.2913 | yellow | 652.251893493373 | -- | YES |
| LG02.2914 | yellow | 343.298757384533 | -- | YES |
| LG02.2927 | yellow | 586.498466817062 | -- | YES |
| LG02.295 | yellow | 691.189564379554 | -- | YES |
| LG02.297 | yellow | 521.174099626443 | -- | YES |
| LG02.2977 | yellow | 22.8958397480125 | -- | NO |
| LG02.3009 | yellow | 495.096834915845 | -- | YES |
| LG02.3043 | yellow | 118.446343959643 | -- | NO |
| LG02.3076 | yellow | 288.301212732716 | -- | YES |
| LG02.3083 | yellow | 123.672944661906 | -- | NO |
| LG02.3088 | yellow | 410.075576320493 | C2H2 | NO |
| LG02.3151 | yellow | 194.005299093782 | -- | YES |
| LG02.32 | yellow | 228.700815044254 | -- | NO |
| LG02.3291 | yellow | 413.275413692548 | bHLH | YES |
| LG02.3294 | yellow | 636.215766860195 | -- | YES |
| LG02.339 | yellow | 54.9659715104971 | -- | NO |
| LG02.3443 | yellow | 552.245046994674 | -- | NO |
| LG02.3449 | yellow | 643.128612696653 | -- | YES |
| LG02.345 | yellow | 132.186528357884 | -- | NO |
| LG02.3451 | yellow | 446.729168857878 | -- | NO |
| LG02.3474 | yellow | 150.916537382235 | -- | YES |
| LG02.3555 | yellow | 119.138126793669 | -- | YES |

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|---|---|---|---|---|
| LG02.3570 | yellow | 404.284672935357 | bZIP | YES |
| LG02.3594 | yellow | 307.675180839224 | -- | YES |
| LG02.36 | yellow | 719.168791851331 | WRKY | YES |
| LG02.3621 | yellow | 107.661232859977 | -- | NO |
| LG02.3635 | yellow | 224.005504395134 | -- | YES |
| LG02.3636 | yellow | 357.83044151769 | -- | YES |
| LG02.3703 | yellow | 310.220539620128 | -- | YES |
| LG02.3710 | yellow | 133.999455783029 | -- | NO |
| LG02.3740 | yellow | 67.184799214915 | -- | NO |
| LG02.3753 | yellow | 117.143382280721 | -- | NO |
| LG02.3804 | yellow | 40.9367400039134 | -- | NO |
| LG02.3844 | yellow | 497.914177336661 | -- | YES |
| LG02.3852 | yellow | 412.695978936775 | -- | YES |
| LG02.3970 | yellow | 520.038515702732 | -- | YES |
| LG02.3973 | yellow | 226.869337653331 | -- | YES |
| LG02.3978 | yellow | 9.3028200863033 | -- | NO |
| LG02.4027 | yellow | 371.58294649583 | -- | YES |
| LG02.404 | yellow | 194.637771752781 | -- | NO |
| LG02.405 | yellow | 53.0329146743136 | -- | NO |
| LG02.4058 | yellow | 601.473925638464 | -- | YES |
| LG02.4093 | yellow | 404.922264184307 | -- | YES |
| LG02.4096 | yellow | 113.286392645126 | -- | YES |
| LG02.4097 | yellow | 55.4814339456273 | -- | NO |
| LG02.4101 | yellow | 573.611427619196 | -- | YES |
| LG02.4143 | yellow | 133.939068720916 | -- | NO |
| LG02.4149 | yellow | 300.81123848698 | -- | NO |

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|---|---|---|---|---|
| LG02.4157 | yellow | 729.408276133814 | AP2/ERF-ERF | YES |
| LG02.4167 | yellow | 39.4055697463236 | -- | NO |
| LG02.4172 | yellow | 114.386879199695 | -- | NO |
| LG02.4201 | yellow | 359.914497679065 | -- | YES |
| LG02.4212 | yellow | 140.397759970194 | -- | YES |
| LG02.4219 | yellow | 669.531730947299 | -- | NO |
| LG02.4229 | yellow | 314.647892363465 | -- | YES |
| LG02.4250 | yellow | 719.27177028594 | MYB | YES |
| LG02.4296 | yellow | 378.789787984667 | -- | NO |
| LG02.4298 | yellow | 98.3295292875238 | -- | NO |
| LG02.43 | yellow | 53.1761376666977 | B3 | NO |
| LG02.4302 | yellow | 605.961883095857 | -- | YES |
| LG02.4311 | yellow | 388.587502983798 | -- | YES |
| LG02.4314 | yellow | 595.356961334331 | -- | YES |
| LG02.4318 | yellow | 466.596647805599 | -- | YES |
| LG02.4354 | yellow | 601.406330150712 | C2H2 | YES |
| LG02.4368 | yellow | 295.062039394347 | -- | NO |
| LG02.4390 | yellow | 101.823284053277 | MYB-related | NO |
| LG02.4399 | yellow | 197.752850665881 | -- | YES |
| LG02.442 | yellow | 59.1506754104605 | -- | NO |
| LG02.4440 | yellow | 61.5809669154781 | -- | NO |
| LG02.4445 | yellow | 218.780493083365 | -- | YES |
| LG02.4461 | yellow | 237.413368587725 | -- | NO |
| LG02.4462 | yellow | 391.580982980447 | -- | YES |
| LG02.4463 | yellow | 581.630285853773 | -- | YES |
| LG02.4464 | yellow | 298.204149550038 | -- | NO |

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|---|---|---|---|---|
| LG02.448 | yellow | 40.263937679067 | -- | NO |
| LG02.4488 | yellow | 673.252393427104 | -- | YES |
| LG02.4489 | yellow | 511.32704388437 | -- | YES |
| LG02.452 | yellow | 600.990065544884 | -- | YES |
| LG02.4526 | yellow | 550.487431103998 | -- | YES |
| LG02.4533 | yellow | 226.643928673132 | -- | YES |
| LG02.4538 | yellow | 477.499988583135 | -- | NO |
| LG02.454 | yellow | 424.548308977421 | -- | YES |
| LG02.456 | yellow | 302.717513063506 | WRKY | YES |
| LG02.4565 | yellow | 249.454561305993 | -- | NO |
| LG02.4567 | yellow | 368.017554674251 | bHLH | YES |
| LG02.4643 | yellow | 139.621302951869 | -- | YES |
| LG02.4678 | yellow | 96.2175872257384 | -- | NO |
| LG02.4694 | yellow | 214.446182336725 | Whirly | NO |
| LG02.483 | yellow | 352.750317864868 | -- | YES |
| LG02.529 | yellow | 294.567009837878 | -- | NO |
| LG02.552 | yellow | 470.275704566756 | -- | YES |
| LG02.56 | yellow | 218.42965430123 | -- | YES |
| LG02.572 | yellow | 5.70084762083043 | -- | NO |
| LG02.586 | yellow | 25.2675043523233 | -- | NO |
| LG02.591 | yellow | 73.1306934796261 | -- | NO |
| LG02.595 | yellow | 230.220003125871 | -- | YES |
| LG02.6 | yellow | 57.5763220015136 | -- | NO |
| LG02.60 | yellow | 433.357661952185 | -- | NO |
| LG02.619 | yellow | 721.482089547557 | -- | YES |
| LG02.634 | yellow | 722.205093647015 | -- | YES |

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|---|---|---|---|---|
| LG02.638 | yellow | 273.93746700519 | -- | NO |
| LG02.641 | yellow | 455.829393513522 | -- | NO |
| LG02.651 | yellow | 115.047141995544 | -- | YES |
| LG02.652 | yellow | 86.2475465128102 | -- | NO |
| LG02.665 | yellow | 253.79562646619 | -- | YES |
| LG02.693 | yellow | 550.017514571174 | -- | YES |
| LG02.707 | yellow | 65.4686660907418 | -- | NO |
| LG02.735 | yellow | 436.623764297977 | -- | YES |
| LG02.751 | yellow | 199.57144063545 | -- | YES |
| LG02.756 | yellow | 609.561295345383 | -- | YES |
| LG02.757 | yellow | 26.3227408960171 | -- | NO |
| LG02.759 | yellow | 271.080119248581 | C2H2 | YES |
| LG02.769 | yellow | 505.327460109725 | -- | YES |
| LG02.770 | yellow | 103.806971957481 | -- | NO |
| LG02.779 | yellow | 561.711163032575 | -- | YES |
| LG02.781 | yellow | 575.352113133612 | LIM | NO |
| LG02.785 | yellow | 657.748264929198 | -- | YES |
| LG02.795 | yellow | 215.885973728083 | -- | NO |
| LG02.812 | yellow | 712.609015880578 | -- | YES |
| LG02.813 | yellow | 660.461502312697 | -- | YES |
| LG02.815 | yellow | 574.814422940462 | -- | YES |
| LG02.822 | yellow | 262.667533774709 | -- | YES |
| LG02.823 | yellow | 716.220989875787 | -- | YES |
| LG02.840 | yellow | 420.815421090276 | -- | NO |
| LG02.845 | yellow | 510.729523752809 | -- | YES |
| LG02.846 | yellow | 573.194163243385 | -- | NO |

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|---|---|---|---|---|
| LG02.849 | yellow | 313.945399994679 | -- | NO |
| LG02.859 | yellow | 129.085833588176 | -- | NO |
| LG02.860 | yellow | 521.682317594415 | -- | YES |
| LG02.868 | yellow | 252.283615817336 | -- | NO |
| LG02.87 | yellow | 322.832428470518 | -- | YES |
| LG02.875 | yellow | 424.421672277005 | -- | YES |
| LG02.876 | yellow | 377.669494662805 | -- | YES |
| LG02.878 | yellow | 346.427428013015 | -- | NO |
| LG02.889 | yellow | 545.846783296923 | -- | YES |
| LG02.890 | yellow | 228.997673875826 | -- | NO |
| LG02.898 | yellow | 185.238904450923 | -- | NO |
| LG02.917 | yellow | 482.840515444738 | -- | NO |
| LG02.922 | yellow | 92.4763206485229 | -- | YES |
| LG02.935 | yellow | 403.385607425555 | -- | YES |
| LG02.948 | yellow | 218.65658893238 | -- | YES |
| LG02.952 | yellow | 136.782775491141 | -- | NO |
| LG03.101 | yellow | 243.811509743688 | -- | NO |
| LG03.1028 | yellow | 375.00840193919 | -- | YES |
| LG03.1042 | yellow | 138.293960686544 | -- | YES |
| LG03.1087 | yellow | 78.270167024134 | -- | YES |
| LG03.112 | yellow | 294.602842249954 | -- | NO |
| LG03.1127 | yellow | 126.766607663174 | -- | NO |
| LG03.1134 | yellow | 257.201245000007 | TRAF | NO |
| LG03.1137 | yellow | 308.88844082337 | -- | YES |
| LG03.1176 | yellow | 35.1776027812642 | -- | NO |
| LG03.1179 | yellow | 336.401762429415 | -- | NO |

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|---|---|---|---|---|
| LG03.12 | yellow | 629.263493328444 | -- | YES |
| LG03.1213 | yellow | 17.4828382657903 | -- | NO |
| LG03.1252 | yellow | 300.711132075762 | SET | NO |
| LG03.1253 | yellow | 486.606159607148 | -- | YES |
| LG03.1269 | yellow | 359.588354167862 | -- | YES |
| LG03.127 | yellow | 31.2510969955255 | -- | NO |
| LG03.1272 | yellow | 382.572104657046 | -- | NO |
| LG03.1292 | yellow | 415.989957333119 | -- | NO |
| LG03.13 | yellow | 45.41431781 | -- | NO |
| LG03.1376 | yellow | 347.659509499797 | -- | YES |
| LG03.1438 | yellow | 499.825882972663 | -- | YES |
| LG03.1443 | yellow | 413.15281667894 | -- | YES |
| LG03.1447 | yellow | 515.915220022773 | -- | YES |
| LG03.1459 | yellow | 668.778619754126 | -- | YES |
| LG03.155 | yellow | 500.841726020727 | WRKY | YES |
| LG03.1578 | yellow | 64.0218803678092 | -- | NO |
| LG03.1587 | yellow | 427.984749715986 | -- | YES |
| LG03.1609 | yellow | 552.588624219303 | -- | YES |
| LG03.163 | yellow | 263.227488816932 | -- | YES |
| LG03.1677 | yellow | 192.647407932382 | -- | YES |
| LG03.1699 | yellow | 58.32090787 | -- | NO |
| LG03.1710 | yellow | 162.657183003073 | -- | NO |
| LG03.1713 | yellow | 139.446712264352 | -- | NO |
| LG03.174 | yellow | 507.747202102407 | -- | NO |
| LG03.1753 | yellow | 103.259703608302 | -- | NO |
| LG03.1759 | yellow | 225.321316246445 | -- | YES |

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|---|---|---|---|---|
| LG03.176 | yellow | 214.644792412433 | -- | NO |
| LG03.179 | yellow | 470.362633905677 | Others | NO |
| LG03.1795 | yellow | 601.155605569887 | -- | YES |
| LG03.1796 | yellow | 93.578616020195 | -- | NO |
| LG03.1797 | yellow | 77.5246965232796 | -- | YES |
| LG03.1805 | yellow | 156.941718743442 | -- | YES |
| LG03.1810 | yellow | 572.524041936901 | -- | NO |
| LG03.1840 | yellow | 460.322993859147 | -- | YES |
| LG03.1882 | yellow | 585.47510216101 | -- | YES |
| LG03.1896 | yellow | 452.919895317835 | -- | NO |
| LG03.1899 | yellow | 291.737373731938 | -- | YES |
| LG03.1905 | yellow | 112.771802471899 | -- | NO |
| LG03.1948 | yellow | 189.347240418729 | -- | YES |
| LG03.1969 | yellow | 215.269183548871 | -- | YES |
| LG03.2014 | yellow | 660.453980479899 | -- | YES |
| LG03.2025 | yellow | 182.076898012784 | AP2/ERF-ERF | YES |
| LG03.2040 | yellow | 696.177957704859 | -- | YES |
| LG03.2095 | yellow | 110.702144908243 | -- | NO |
| LG03.2121 | yellow | 373.599865856064 | -- | YES |
| LG03.2122 | yellow | 484.246249361606 | -- | NO |
| LG03.2125 | yellow | 448.534304911005 | -- | YES |
| LG03.2166 | yellow | 269.137153922989 | -- | YES |
| LG03.217 | yellow | 302.320479840848 | -- | NO |
| LG03.2171 | yellow | 259.773369565011 | -- | YES |
| LG03.2216 | yellow | 424.585523447724 | -- | YES |
| LG03.222 | yellow | 15.2416931333287 | -- | NO |

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|---|---|---|---|---|
| LG03.2221 | yellow | 136.680350094546 | -- | NO |
| LG03.2252 | yellow | 424.110272760323 | -- | YES |
| LG03.2257 | yellow | 719.096619096238 | -- | YES |
| LG03.2271 | yellow | 704.223401093132 | -- | YES |
| LG03.2276 | yellow | 310.543348285451 | -- | NO |
| LG03.2311 | yellow | 157.798318243146 | -- | NO |
| LG03.2318 | yellow | 162.484343482339 | -- | NO |
| LG03.2327 | yellow | 288.106792233538 | -- | NO |
| LG03.2377 | yellow | 245.346156664788 | -- | YES |
| LG03.2390 | yellow | 55.7712223571396 | -- | NO |
| LG03.24 | yellow | 169.862962660842 | -- | NO |
| LG03.2435 | yellow | 314.317494111498 | -- | YES |
| LG03.2449 | yellow | 525.987818098112 | -- | YES |
| LG03.2523 | yellow | 143.277358488457 | -- | NO |
| LG03.253 | yellow | 244.077620891254 | -- | NO |
| LG03.2559 | yellow | 178.229107605768 | -- | YES |
| LG03.2570 | yellow | 526.734752576699 | -- | YES |
| LG03.261 | yellow | 489.486952442484 | -- | YES |
| LG03.2616 | yellow | 461.86886829918 | -- | NO |
| LG03.2618 | yellow | 626.989973283312 | -- | YES |
| LG03.2622 | yellow | 18.1530463728212 | -- | NO |
| LG03.2647 | yellow | 657.627078279352 | -- | YES |
| LG03.2651 | yellow | 94.1802336255459 | -- | NO |
| LG03.2689 | yellow | 58.3541630581633 | -- | YES |
| LG03.2705 | yellow | 215.509429074371 | -- | YES |
| LG03.2724 | yellow | 371.685917386739 | -- | YES |

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|---|---|---|---|---|
| LG03.2725 | yellow | 720.378979796009 | -- | YES |
| LG03.2745 | yellow | 42.5861119058942 | -- | NO |
| LG03.2749 | yellow | 597.097279360597 | -- | YES |
| LG03.2752 | yellow | 357.885755924509 | -- | YES |
| LG03.2779 | yellow | 563.483684262499 | -- | YES |
| LG03.2785 | yellow | 524.097011377279 | -- | YES |
| LG03.279 | yellow | 594.534710509593 | -- | YES |
| LG03.280 | yellow | 105.796514474441 | -- | YES |
| LG03.2808 | yellow | 634.529683638207 | -- | YES |
| LG03.2849 | yellow | 298.567380669847 | -- | YES |
| LG03.288 | yellow | 61.1617779255566 | bHLH | NO |
| LG03.29 | yellow | 105.29469144417 | -- | NO |
| LG03.2904 | yellow | 525.66676981642 | -- | YES |
| LG03.293 | yellow | 597.566513756615 | -- | NO |
| LG03.2943 | yellow | 712.018684760969 | -- | YES |
| LG03.2981 | yellow | 404.14080123797 | -- | NO |
| LG03.2997 | yellow | 470.157507629428 | -- | YES |
| LG03.3008 | yellow | 710.534177782547 | -- | YES |
| LG03.3038 | yellow | 60.4023048289369 | -- | NO |
| LG03.3082 | yellow | 650.991837691891 | -- | YES |
| LG03.3145 | yellow | 285.230148421061 | -- | YES |
| LG03.3206 | yellow | 364.849290644825 | -- | YES |
| LG03.325 | yellow | 314.23798936414 | -- | YES |
| LG03.332 | yellow | 374.599310413523 | -- | YES |
| LG03.3378 | yellow | 675.580106687069 | -- | NO |
| LG03.3416 | yellow | 147.877657197033 | -- | YES |

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|---|---|---|---|---|
| LG03.3423 | yellow | 389.534228210397 | -- | NO |
| LG03.3444 | yellow | 47.5799903028683 | -- | NO |
| LG03.3470 | yellow | 554.517031661336 | -- | YES |
| LG03.3474 | yellow | 556.606478671462 | -- | YES |
| LG03.3475 | yellow | 362.565528204405 | -- | YES |
| LG03.3499 | yellow | 358.601202534379 | -- | YES |
| LG03.356 | yellow | 156.017860844311 | -- | YES |
| LG03.3575 | yellow | 26.3838464691077 | -- | YES |
| LG03.3599 | yellow | 495.012883490303 | -- | YES |
| LG03.3623 | yellow | 642.307858851137 | -- | YES |
| LG03.371 | yellow | 599.971412962743 | -- | YES |
| LG03.3740 | yellow | 409.219712687215 | -- | YES |
| LG03.3743 | yellow | 188.873935686941 | -- | NO |
| LG03.375 | yellow | 694.842275968283 | -- | YES |
| LG03.3750 | yellow | 509.90365195411 | -- | NO |
| LG03.3831 | yellow | 191.627475351876 | -- | YES |
| LG03.385 | yellow | 119.656881821391 | -- | YES |
| LG03.3867 | yellow | 414.651065421201 | -- | NO |
| LG03.3869 | yellow | 438.724587735775 | -- | YES |
| LG03.3875 | yellow | 255.576902777133 | C2H2 | NO |
| LG03.3882 | yellow | 199.471236631816 | -- | YES |
| LG03.3890 | yellow | 473.014217573404 | -- | YES |
| LG03.3898 | yellow | 493.271383209151 | -- | YES |
| LG03.390 | yellow | 596.123482119058 | -- | YES |
| LG03.3928 | yellow | 448.944196591215 | -- | YES |
| LG03.394 | yellow | 223.814818490277 | -- | YES |

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|---|---|---|---|---|
| LG03.3951 | yellow | 725.329534943358 | -- | YES |
| LG03.4034 | yellow | 226.2160507 | -- | YES |
| LG03.4064 | yellow | 194.034650082919 | -- | YES |
| LG03.4110 | yellow | 386.784709417782 | -- | YES |
| LG03.4145 | yellow | 690.634795092594 | -- | YES |
| LG03.4158 | yellow | 643.091527381317 | -- | YES |
| LG03.4191 | yellow | 21.7611023001028 | -- | NO |
| LG03.4196 | yellow | 133.715290896779 | -- | NO |
| LG03.42 | yellow | 71.4963399463543 | -- | NO |
| LG03.4240 | yellow | 138.029138203894 | -- | YES |
| LG03.4259 | yellow | 501.747727352052 | -- | YES |
| LG03.4291 | yellow | 276.234940487529 | -- | YES |
| LG03.4342 | yellow | 324.98488681571 | -- | NO |
| LG03.4351 | yellow | 194.784108390571 | -- | YES |
| LG03.4365 | yellow | 724.152397420974 | C2H2 | YES |
| LG03.4366 | yellow | 640.885845528324 | C2H2 | YES |
| LG03.4367 | yellow | 697.541274871723 | C2H2 | YES |
| LG03.44 | yellow | 408.307608045343 | -- | YES |
| LG03.4403 | yellow | 652.375331575389 | -- | YES |
| LG03.4423 | yellow | 135.39975410492 | -- | NO |
| LG03.4451 | yellow | 417.363906716013 | -- | YES |
| LG03.4484 | yellow | 368.728290673463 | -- | YES |
| LG03.4491 | yellow | 54.8548214003081 | -- | NO |
| LG03.4499 | yellow | 433.042885017647 | -- | YES |
| LG03.4528 | yellow | 336.198671104733 | GRAS | YES |
| LG03.4540 | yellow | 479.42510448932 | -- | YES |

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|---|---|---|---|---|
| LG03.4549 | yellow | 735.565073990617 | -- | YES |
| LG03.4554 | yellow | 411.470327750757 | -- | YES |
| LG03.4571 | yellow | 691.105902730004 | -- | YES |
| LG03.458 | yellow | 441.44626927912 | -- | NO |
| LG03.4653 | yellow | 693.444504639837 | -- | YES |
| LG03.4669 | yellow | 184.15844682877 | -- | YES |
| LG03.4678 | yellow | 341.379235435573 | -- | YES |
| LG03.4683 | yellow | 159.108559234254 | -- | NO |
| LG03.4700 | yellow | 415.225244690187 | -- | YES |
| LG03.4709 | yellow | 576.088383123702 | -- | YES |
| LG03.4714 | yellow | 714.91786659521 | -- | YES |
| LG03.473 | yellow | 117.800984314497 | -- | NO |
| LG03.4732 | yellow | 547.911062910606 | -- | YES |
| LG03.4748 | yellow | 723.298187647639 | -- | YES |
| LG03.4749 | yellow | 15.5744876645943 | -- | NO |
| LG03.475 | yellow | 390.258585418738 | -- | NO |
| LG03.4750 | yellow | 443.790984628375 | -- | NO |
| LG03.4755 | yellow | 376.441852428684 | -- | YES |
| LG03.476 | yellow | 10.5899398384886 | -- | NO |
| LG03.477 | yellow | 135.625085787593 | C2C2-LSD | NO |
| LG03.4777 | yellow | 226.898004119064 | -- | YES |
| LG03.4779 | yellow | 252.5122924 | -- | NO |
| LG03.481 | yellow | 589.770312465015 | -- | YES |
| LG03.4820 | yellow | 217.701605886345 | -- | NO |
| LG03.4827 | yellow | 422.348419360427 | WRKY | YES |
| LG03.484 | yellow | 13.6703320733877 | -- | NO |

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|---|---|---|---|---|
| LG03.4850 | yellow | 303.694280392715 | -- | NO |
| LG03.4860 | yellow | 557.19629872024 | -- | YES |
| LG03.4890 | yellow | 702.685020169521 | -- | YES |
| LG03.4910 | yellow | 693.163771340147 | AP2/ERF-ERF | YES |
| LG03.4915 | yellow | 3.27110228227875 | -- | NO |
| LG03.4935 | yellow | 466.822242515788 | -- | YES |
| LG03.4953 | yellow | 365.992090523941 | -- | NO |
| LG03.4956 | yellow | 730.605175775949 | -- | YES |
| LG03.4970 | yellow | 702.646166947651 | -- | YES |
| LG03.4978 | yellow | 734.039811548492 | -- | YES |
| LG03.5025 | yellow | 417.933114369459 | -- | YES |
| LG03.5045 | yellow | 450.424015951356 | -- | NO |
| LG03.505 | yellow | 363.612011853585 | -- | NO |
| LG03.506 | yellow | 449.856916681924 | -- | YES |
| LG03.5093 | yellow | 582.976100046533 | C2H2 | YES |
| LG03.514 | yellow | 468.358934373572 | -- | YES |
| LG03.516 | yellow | 540.156925034576 | -- | YES |
| LG03.5171 | yellow | 367.83924214639 | -- | YES |
| LG03.5186 | yellow | 567.19752884098 | C3H | NO |
| LG03.5213 | yellow | 205.718656548918 | -- | YES |
| LG03.5214 | yellow | 602.489026997211 | -- | YES |
| LG03.5219 | yellow | 524.543881374668 | -- | YES |
| LG03.5234 | yellow | 530.503981058516 | -- | NO |
| LG03.5251 | yellow | 66.1686375859211 | -- | NO |
| LG03.5265 | yellow | 232.217636790836 | -- | NO |
| LG03.5280 | yellow | 249.977635148923 | -- | NO |

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|---|---|---|---|---|
| LG03.529 | yellow | 642.57144250835 | AP2/ERF-ERF | YES |
| LG03.5293 | yellow | 119.108921071183 | -- | NO |
| LG03.5310 | yellow | 104.777342407668 | -- | NO |
| LG03.543 | yellow | 531.252750041709 | -- | YES |
| LG03.573 | yellow | 67.016860072427 | -- | NO |
| LG03.596 | yellow | 333.26310268225 | -- | NO |
| LG03.60 | yellow | 261.622100145779 | -- | NO |
| LG03.61 | yellow | 239.916861544541 | -- | NO |
| LG03.614 | yellow | 257.29009688804 | -- | YES |
| LG03.64 | yellow | 251.494604358102 | -- | NO |
| LG03.65 | yellow | 671.334200321533 | GRAS | YES |
| LG03.663 | yellow | 671.895971967626 | -- | YES |
| LG03.688 | yellow | 598.748060712213 | -- | YES |
| LG03.691 | yellow | 716.787525137892 | -- | YES |
| LG03.692 | yellow | 708.333635924223 | -- | YES |
| LG03.701 | yellow | 247.726917235676 | -- | YES |
| LG03.716 | yellow | 681.224447491002 | -- | YES |
| LG03.72 | yellow | 544.454703461968 | -- | YES |
| LG03.720 | yellow | 518.839985796582 | BES1 | YES |
| LG03.728 | yellow | 466.852194647918 | -- | NO |
| LG03.745 | yellow | 271.377270934509 | -- | NO |
| LG03.768 | yellow | 399.988738391715 | -- | YES |
| LG03.791 | yellow | 297.601251578549 | -- | YES |
| LG03.795 | yellow | 223.141845173004 | -- | YES |
| LG03.801 | yellow | 174.287782582202 | -- | NO |
| LG03.82 | yellow | 96.5907713182811 | -- | NO |

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|---|---|---|---|---|
| LG03.833 | yellow | 356.963497792828 | -- | YES |
| LG03.837 | yellow | 194.710285157672 | -- | NO |
| LG03.856 | yellow | 371.020769024717 | -- | YES |
| LG03.858 | yellow | 27.2234552801982 | -- | NO |
| LG03.890 | yellow | 740.473772908096 | Tify | YES |
| LG03.891 | yellow | 412.676149969807 | Tify | YES |
| LG04.1008 | yellow | 478.425255935409 | -- | YES |
| LG04.1022 | yellow | 322.193763722119 | -- | NO |
| LG04.1040 | yellow | 525.25626587107 | -- | NO |
| LG04.1041 | yellow | 442.953846884123 | -- | NO |
| LG04.1051 | yellow | 133.40012638674 | -- | NO |
| LG04.1097 | yellow | 262.19415158547 | -- | YES |
| LG04.1102 | yellow | 109.756715967724 | -- | NO |
| LG04.111 | yellow | 178.280371337267 | -- | NO |
| LG04.1121 | yellow | 637.772726660017 | -- | YES |
| LG04.1136 | yellow | 448.763321009301 | -- | YES |
| LG04.1216 | yellow | 652.768851424937 | -- | YES |
| LG04.1220 | yellow | 396.096420218542 | -- | YES |
| LG04.1221 | yellow | 182.018977022053 | -- | NO |
| LG04.1227 | yellow | 370.751082718316 | -- | YES |
| LG04.1233 | yellow | 270.638475064907 | -- | YES |
| LG04.1255 | yellow | 665.787451521265 | -- | YES |
| LG04.1266 | yellow | 428.21920196305 | -- | YES |
| LG04.1269 | yellow | 197.02328774584 | -- | YES |
| LG04.127 | yellow | 81.0136178757247 | -- | NO |
| LG04.1270 | yellow | 462.749872454908 | -- | YES |

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|---|---|---|---|---|
| LG04.1279 | yellow | 684.291458485399 | NAC | YES |
| LG04.1288 | yellow | 413.170315852616 | -- | NO |
| LG04.1289 | yellow | 198.992678288719 | -- | NO |
| LG04.1292 | yellow | 728.529651845676 | Tify | YES |
| LG04.130 | yellow | 251.94979795852 | -- | NO |
| LG04.1333 | yellow | 207.377888849325 | -- | NO |
| LG04.135 | yellow | 89.8813688406848 | -- | NO |
| LG04.1368 | yellow | 136.715327116615 | -- | YES |
| LG04.137 | yellow | 718.425152135317 | -- | YES |
| LG04.1392 | yellow | 192.920079087431 | -- | YES |
| LG04.1447 | yellow | 204.837828463693 | -- | YES |
| LG04.1455 | yellow | 71.6767678532585 | -- | YES |
| LG04.1459 | yellow | 127.502164868854 | -- | NO |
| LG04.1466 | yellow | 732.02886892003 | -- | YES |
| LG04.1475 | yellow | 210.337939202508 | -- | YES |
| LG04.148 | yellow | 327.312047922007 | -- | YES |
| LG04.1480 | yellow | 672.98557542474 | -- | YES |
| LG04.1512 | yellow | 231.341294139635 | -- | NO |
| LG04.1521 | yellow | 97.3493016954778 | -- | YES |
| LG04.155 | yellow | 497.97531375251 | -- | YES |
| LG04.1550 | yellow | 185.718434743313 | -- | NO |
| LG04.1569 | yellow | 404.463423506841 | -- | YES |
| LG04.157 | yellow | 501.375190749314 | -- | YES |
| LG04.1593 | yellow | 735.090795137148 | -- | YES |
| LG04.1596 | yellow | 310.538911099559 | -- | NO |
| LG04.1601 | yellow | 251.40812618647 | -- | YES |

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|---|---|---|---|---|
| LG04.1604 | yellow | 344.724029732727 | -- | YES |
| LG04.1619 | yellow | 161.620262478686 | -- | YES |
| LG04.163 | yellow | 226.157970063539 | -- | YES |
| LG04.1641 | yellow | 56.0285162238424 | -- | YES |
| LG04.1650 | yellow | 264.096118822259 | -- | YES |
| LG04.1657 | yellow | 713.008851676449 | -- | YES |
| LG04.1667 | yellow | 200.605506010535 | -- | NO |
| LG04.1688 | yellow | 277.255607243167 | -- | NO |
| LG04.1713 | yellow | 612.933128379289 | -- | YES |
| LG04.1726 | yellow | 186.62351462123 | -- | YES |
| LG04.1727 | yellow | 195.945788935035 | -- | YES |
| LG04.1763 | yellow | 307.022155388693 | -- | YES |
| LG04.1764 | yellow | 350.289185290812 | -- | YES |
| LG04.1769 | yellow | 562.773772892082 | -- | YES |
| LG04.1772 | yellow | 584.620595882174 | -- | NO |
| LG04.1804 | yellow | 503.188389712274 | -- | YES |
| LG04.1821 | yellow | 292.897038493157 | -- | NO |
| LG04.1847 | yellow | 505.407296488924 | -- | YES |
| LG04.188 | yellow | 492.833102622089 | -- | NO |
| LG04.1891 | yellow | 208.8758781 | -- | NO |
| LG04.1893 | yellow | 238.632914789168 | -- | NO |
| LG04.191 | yellow | 291.112432751502 | -- | YES |
| LG04.1914 | yellow | 174.271941531237 | -- | NO |
| LG04.192 | yellow | 324.127907643347 | Others | YES |
| LG04.1938 | yellow | 10.3088290486359 | -- | NO |
| LG04.1940 | yellow | 132.83625396439 | -- | NO |

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|---|---|---|---|---|
| LG04.1945 | yellow | 137.045322860572 | -- | NO |
| LG04.1967 | yellow | 51.5273386894115 | -- | NO |
| LG04.1969 | yellow | 99.2033968727007 | -- | NO |
| LG04.197 | yellow | 627.612533655336 | -- | YES |
| LG04.1980 | yellow | 393.921290559035 | -- | YES |
| LG04.2022 | yellow | 28.4355919690885 | -- | NO |
| LG04.2039 | yellow | 552.910472041413 | -- | YES |
| LG04.204 | yellow | 680.504406763725 | -- | YES |
| LG04.2045 | yellow | 499.009162190666 | -- | YES |
| LG04.2046 | yellow | 527.297622694788 | -- | YES |
| LG04.2059 | yellow | 276.597933734552 | GNAT | YES |
| LG04.2060 | yellow | 12.7540119645772 | GNAT | NO |
| LG04.2061 | yellow | 317.033463805153 | GNAT | YES |
| LG04.2062 | yellow | 620.192092752272 | GNAT | YES |
| LG04.2074 | yellow | 603.179078794747 | -- | NO |
| LG04.2075 | yellow | 440.701142590917 | -- | YES |
| LG04.208 | yellow | 117.778527541516 | -- | NO |
| LG04.209 | yellow | 7.47098300121941 | -- | NO |
| LG04.2095 | yellow | 529.536714816027 | -- | YES |
| LG04.2165 | yellow | 483.648963786809 | -- | YES |
| LG04.2181 | yellow | 449.638863248174 | -- | YES |
| LG04.2192 | yellow | 575.052201894857 | -- | YES |
| LG04.2203 | yellow | 548.985025653584 | -- | YES |
| LG04.221 | yellow | 85.18454746 | -- | YES |
| LG04.2211 | yellow | 244.601312333369 | -- | YES |
| LG04.2231 | yellow | 216.053648916809 | -- | NO |

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|---|---|---|---|---|
| LG04.2383 | yellow | 438.449478904488 | -- | YES |
| LG04.241 | yellow | 450.26288880076 | -- | YES |
| LG04.2424 | yellow | 112.966606700044 | -- | NO |
| LG04.2499 | yellow | 583.582333362982 | -- | YES |
| LG04.252 | yellow | 170.981917032448 | -- | NO |
| LG04.2648 | yellow | 49.4893106768598 | -- | NO |
| LG04.2720 | yellow | 107.427375791772 | -- | YES |
| LG04.2736 | yellow | 184.898822334046 | -- | NO |
| LG04.2749 | yellow | 4.69083008953492 | -- | NO |
| LG04.280 | yellow | 136.1373702 | -- | YES |
| LG04.2815 | yellow | 31.6999489564789 | -- | NO |
| LG04.2854 | yellow | 491.651043483474 | FAR1 | YES |
| LG04.2860 | yellow | 563.0445002 | -- | YES |
| LG04.2880 | yellow | 604.723342034973 | -- | YES |
| LG04.2883 | yellow | 712.907252274574 | -- | YES |
| LG04.2889 | yellow | 460.165391419472 | -- | NO |
| LG04.2890 | yellow | 82.3354584245582 | -- | YES |
| LG04.2897 | yellow | 324.418690137493 | -- | YES |
| LG04.2911 | yellow | 416.750788555824 | -- | YES |
| LG04.2941 | yellow | 211.941158138435 | -- | NO |
| LG04.3032 | yellow | 572.509718267351 | -- | YES |
| LG04.3038 | yellow | 521.941418812181 | -- | YES |
| LG04.3076 | yellow | 634.446763876717 | -- | YES |
| LG04.3081 | yellow | 487.501966162856 | -- | YES |
| LG04.3102 | yellow | 657.952726162258 | -- | YES |
| LG04.3109 | yellow | 380.285229624888 | -- | YES |

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|---|---|---|---|---|
| LG04.3116 | yellow | 455.213238223203 | -- | NO |
| LG04.3117 | yellow | 621.779218840899 | -- | YES |
| LG04.3134 | yellow | 76.9539239948719 | -- | NO |
| LG04.3147 | yellow | 504.366799466602 | -- | YES |
| LG04.316 | yellow | 46.1525051566845 | PLATZ | NO |
| LG04.3174 | yellow | 349.863228076591 | -- | NO |
| LG04.3194 | yellow | 437.637923493003 | -- | NO |
| LG04.3198 | yellow | 36.3101496247196 | -- | YES |
| LG04.3227 | yellow | 288.897675349239 | -- | YES |
| LG04.323 | yellow | 302.082551334964 | -- | NO |
| LG04.3236 | yellow | 168.529506133872 | -- | YES |
| LG04.3266 | yellow | 113.811283738227 | -- | NO |
| LG04.3273 | yellow | 203.690444776614 | -- | NO |
| LG04.3274 | yellow | 734.974728081204 | -- | YES |
| LG04.3276 | yellow | 75.3145600510945 | -- | YES |
| LG04.3277 | yellow | 318.518877240482 | -- | YES |
| LG04.3278 | yellow | 270.200081046836 | -- | NO |
| LG04.3280 | yellow | 130.096057716702 | -- | NO |
| LG04.3285 | yellow | 399.345593772587 | -- | YES |
| LG04.3358 | yellow | 139.905338353771 | -- | NO |
| LG04.3362 | yellow | 309.705258505473 | -- | YES |
| LG04.3392 | yellow | 221.000633886028 | -- | NO |
| LG04.3395 | yellow | 709.987914168732 | -- | YES |
| LG04.3396 | yellow | 522.843590923679 | -- | YES |
| LG04.3398 | yellow | 592.886764422758 | -- | YES |
| LG04.3419 | yellow | 503.798838517049 | -- | YES |

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|---|---|---|---|---|
| LG04.3428 | yellow | 232.33164080209 | SET | NO |
| LG04.3439 | yellow | 157.287699487439 | -- | NO |
| LG04.3452 | yellow | 122.443650324259 | AP2/ERF-AP2 | NO |
| LG04.3461 | yellow | 378.908755578766 | -- | NO |
| LG04.350 | yellow | 626.655806481366 | HSF | YES |
| LG04.3555 | yellow | 672.251719258523 | -- | YES |
| LG04.3604 | yellow | 297.441383574378 | -- | YES |
| LG04.3623 | yellow | 728.673414600825 | WRKY | YES |
| LG04.3632 | yellow | 109.322507777574 | -- | NO |
| LG04.3633 | yellow | 630.541924250466 | -- | YES |
| LG04.3637 | yellow | 111.84992017327 | -- | YES |
| LG04.3638 | yellow | 582.381670528205 | -- | YES |
| LG04.3664 | yellow | 479.352470407025 | -- | NO |
| LG04.367 | yellow | 717.105449308145 | -- | YES |
| LG04.3725 | yellow | 595.147251610446 | -- | YES |
| LG04.376 | yellow | 375.089788034009 | -- | NO |
| LG04.3770 | yellow | 518.071807099197 | -- | NO |
| LG04.3773 | yellow | 143.891182801154 | -- | YES |
| LG04.3792 | yellow | 644.786302439414 | -- | YES |
| LG04.3804 | yellow | 447.180856876863 | -- | NO |
| LG04.3814 | yellow | 199.677845648179 | -- | NO |
| LG04.3833 | yellow | 104.31757476669 | -- | NO |
| LG04.3863 | yellow | 340.22921711305 | -- | YES |
| LG04.3874 | yellow | 162.396073195016 | -- | NO |
| LG04.3875 | yellow | 276.516387853183 | -- | YES |
| LG04.3884 | yellow | 263.054572774333 | -- | NO |

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|---|---|---|---|---|
| LG04.3888 | yellow | 133.647494792834 | -- | NO |
| LG04.401 | yellow | 342.569717873998 | -- | YES |
| LG04.4019 | yellow | 553.866188997825 | -- | YES |
| LG04.402 | yellow | 604.234526679635 | -- | YES |
| LG04.4047 | yellow | 252.931663195812 | -- | YES |
| LG04.4050 | yellow | 295.011172416546 | -- | NO |
| LG04.4057 | yellow | 660.463287446148 | -- | YES |
| LG04.4069 | yellow | 229.640860516522 | -- | NO |
| LG04.4094 | yellow | 288.237590884088 | -- | YES |
| LG04.4097 | yellow | 340.903655927372 | -- | YES |
| LG04.4104 | yellow | 602.731217146913 | -- | YES |
| LG04.4131 | yellow | 554.143053898892 | -- | YES |
| LG04.4132 | yellow | 217.284265566078 | -- | NO |
| LG04.4137 | yellow | 625.738662541146 | -- | YES |
| LG04.4164 | yellow | 14.2014322351966 | -- | NO |
| LG04.4179 | yellow | 220.331862090723 | -- | YES |
| LG04.4207 | yellow | 422.465764505789 | -- | YES |
| LG04.4221 | yellow | 39.8439822475153 | -- | NO |
| LG04.4245 | yellow | 457.300595145014 | -- | YES |
| LG04.4259 | yellow | 26.112137315536 | -- | NO |
| LG04.4280 | yellow | 222.487959646165 | -- | NO |
| LG04.4281 | yellow | 490.129329246565 | -- | YES |
| LG04.4289 | yellow | 356.868542594075 | -- | NO |
| LG04.429 | yellow | 610.563105400916 | -- | YES |
| LG04.4295 | yellow | 173.015516735486 | -- | YES |
| LG04.43 | yellow | 644.59617478446 | -- | YES |

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|---|---|---|---|---|
| LG04.440 | yellow | 259.189696875829 | -- | NO |
| LG04.441 | yellow | 78.6286793485113 | -- | NO |
| LG04.443 | yellow | 330.853660664247 | -- | NO |
| LG04.456 | yellow | 320.416124501261 | -- | NO |
| LG04.458 | yellow | 120.896081153071 | -- | NO |
| LG04.461 | yellow | 320.717187484631 | -- | NO |
| LG04.467 | yellow | 726.818139675666 | -- | YES |
| LG04.473 | yellow | 483.366076936756 | -- | YES |
| LG04.474 | yellow | 48.9852715181584 | -- | NO |
| LG04.482 | yellow | 145.747962549085 | -- | NO |
| LG04.494 | yellow | 338.970767785981 | -- | NO |
| LG04.495 | yellow | 94.2337933619822 | Whirly | NO |
| LG04.514 | yellow | 51.726123199838 | MYB | NO |
| LG04.528 | yellow | 144.876638142103 | -- | NO |
| LG04.549 | yellow | 264.459691299919 | -- | NO |
| LG04.551 | yellow | 668.954780197794 | -- | YES |
| LG04.583 | yellow | 195.960606799578 | SET | NO |
| LG04.625 | yellow | 30.2186929512115 | WRKY | NO |
| LG04.652 | yellow | 269.815286289144 | -- | NO |
| LG04.66 | yellow | 546.859853955277 | -- | YES |
| LG04.666 | yellow | 421.073103786347 | -- | YES |
| LG04.673 | yellow | 91.4085719148041 | -- | NO |
| LG04.70 | yellow | 672.28275447372 | -- | YES |
| LG04.720 | yellow | 415.103123128286 | -- | NO |
| LG04.732 | yellow | 628.286583950648 | -- | YES |
| LG04.765 | yellow | 326.637129950307 | -- | YES |

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|---|---|---|---|---|
| LG04.783 | yellow | 480.390611415436 | -- | YES |
| LG04.790 | yellow | 261.53239235331 | -- | YES |
| LG04.8 | yellow | 437.70339074228 | -- | NO |
| LG04.800 | yellow | 197.204140448003 | -- | YES |
| LG04.818 | yellow | 524.670229940914 | -- | YES |
| LG04.835 | yellow | 516.20835698683 | -- | YES |
| LG04.839 | yellow | 678.565408118605 | -- | YES |
| LG04.856 | yellow | 332.893352326086 | -- | YES |
| LG04.858 | yellow | 242.206024244286 | -- | YES |
| LG04.859 | yellow | 643.330805841176 | -- | YES |
| LG04.860 | yellow | 153.078054633089 | -- | NO |
| LG04.861 | yellow | 623.127771746073 | -- | YES |
| LG04.875 | yellow | 10.0977215196816 | LOB | NO |
| LG04.882 | yellow | 299.307233246466 | -- | NO |
| LG04.896 | yellow | 485.071763823929 | -- | YES |
| LG04.910 | yellow | 697.741697286083 | -- | YES |
| LG04.917 | yellow | 53.2699114933996 | -- | YES |
| LG04.920 | yellow | 592.314544603627 | -- | YES |
| LG04.940 | yellow | 728.821203987946 | -- | YES |
| LG04.941 | yellow | 693.119936237184 | -- | YES |
| LG04.946 | yellow | 367.822303905091 | -- | YES |
| LG04.95 | yellow | 166.779879631822 | -- | NO |
| LG04.950 | yellow | 201.672849560276 | C3H | YES |
| LG04.952 | yellow | 603.843748587521 | -- | YES |
| LG04.954 | yellow | 501.449983513645 | -- | YES |
| LG04.963 | yellow | 136.611270870162 | -- | YES |

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|---|---|---|---|---|
| LG04.965 | yellow | 199.147562257283 | -- | YES |
| LG04.97 | yellow | 336.546000062303 | -- | YES |
| LG04.975 | yellow | 340.737258548579 | -- | YES |
| LG04.980 | yellow | 721.27869810044 | -- | YES |
| LG04.999 | yellow | 13.0555282999846 | -- | NO |
| LG05.1013 | yellow | 595.260017395651 | -- | YES |
| LG05.1014 | yellow | 107.150066026419 | -- | NO |
| LG05.102 | yellow | 177.228240614163 | -- | NO |
| LG05.1031 | yellow | 374.409233170819 | -- | YES |
| LG05.1039 | yellow | 244.109699698945 | -- | NO |
| LG05.1051 | yellow | 106.738888602178 | -- | NO |
| LG05.1061 | yellow | 153.738018293336 | -- | YES |
| LG05.1073 | yellow | 519.916527901831 | bHLH | YES |
| LG05.1075 | yellow | 392.411364495576 | -- | NO |
| LG05.1096 | yellow | 211.881947155668 | -- | YES |
| LG05.1101 | yellow | 691.033736564225 | -- | YES |
| LG05.1116 | yellow | 187.787061239453 | -- | NO |
| LG05.1121 | yellow | 416.181719442815 | -- | NO |
| LG05.1124 | yellow | 290.21397242199 | -- | YES |
| LG05.1148 | yellow | 720.595180576973 | -- | YES |
| LG05.1149 | yellow | 741.829573158357 | WRKY | YES |
| LG05.1155 | yellow | 430.245917154236 | -- | YES |
| LG05.119 | yellow | 308.042819214245 | -- | YES |
| LG05.1199 | yellow | 81.0595227128725 | -- | YES |
| LG05.1208 | yellow | 479.320802787977 | -- | YES |
| LG05.1212 | yellow | 709.441443172877 | -- | YES |

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|---|---|---|---|---|
| LG05.1216 | yellow | 282.411608413673 | -- | YES |
| LG05.1218 | yellow | 533.544852197254 | -- | YES |
| LG05.1220 | yellow | 388.602447664399 | -- | YES |
| LG05.1223 | yellow | 670.271418955871 | -- | YES |
| LG05.1225 | yellow | 653.590467320892 | -- | YES |
| LG05.1226 | yellow | 694.137991896027 | -- | YES |
| LG05.1227 | yellow | 473.615114576145 | -- | YES |
| LG05.1228 | yellow | 599.078828536917 | -- | YES |
| LG05.1229 | yellow | 582.926746990959 | -- | YES |
| LG05.1230 | yellow | 721.380524251054 | -- | YES |
| LG05.1231 | yellow | 709.272334719128 | -- | YES |
| LG05.1232 | yellow | 569.213632220945 | -- | YES |
| LG05.1233 | yellow | 711.442983649459 | -- | YES |
| LG05.1235 | yellow | 565.473977085146 | -- | YES |
| LG05.1236 | yellow | 623.392154628063 | -- | YES |
| LG05.1250 | yellow | 735.877913567155 | -- | YES |
| LG05.1252 | yellow | 153.146692988982 | -- | NO |
| LG05.1259 | yellow | 246.802058773888 | -- | YES |
| LG05.1289 | yellow | 72.5705732526859 | -- | NO |
| LG05.1296 | yellow | 713.948837545071 | -- | YES |
| LG05.1304 | yellow | 314.871830640879 | -- | NO |
| LG05.1305 | yellow | 511.184014909299 | -- | YES |
| LG05.1348 | yellow | 227.169419803943 | -- | NO |
| LG05.1354 | yellow | 682.13489300328 | -- | YES |
| LG05.136 | yellow | 226.062526324073 | -- | YES |
| LG05.1385 | yellow | 361.985042703305 | -- | YES |

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|---|---|---|---|---|
| LG05.1398 | yellow | 620.986849610188 | -- | YES |
| LG05.1410 | yellow | 501.162994116945 | -- | YES |
| LG05.1427 | yellow | 436.392362605629 | -- | YES |
| LG05.1428 | yellow | 609.938557476473 | -- | YES |
| LG05.1484 | yellow | 408.834925496644 | -- | NO |
| LG05.1489 | yellow | 137.644815882083 | -- | NO |
| LG05.1497 | yellow | 233.151163099444 | -- | NO |
| LG05.1505 | yellow | 47.8978858436747 | -- | NO |
| LG05.1539 | yellow | 209.956893069107 | -- | YES |
| LG05.1545 | yellow | 335.695789174641 | -- | NO |
| LG05.1546 | yellow | 284.957094503399 | -- | YES |
| LG05.1549 | yellow | 144.045306045493 | -- | NO |
| LG05.1552 | yellow | 168.915493638053 | C2C2-YABBY | NO |
| LG05.1556 | yellow | 280.685120741931 | -- | NO |
| LG05.1563 | yellow | 427.335781098645 | -- | NO |
| LG05.1581 | yellow | 172.826536087465 | -- | YES |
| LG05.16 | yellow | 451.630637165022 | -- | YES |
| LG05.1602 | yellow | 518.861338306409 | -- | YES |
| LG05.1603 | yellow | 47.4320557335529 | -- | NO |
| LG05.1620 | yellow | 16.7886078407881 | -- | NO |
| LG05.165 | yellow | 302.056336102811 | -- | NO |
| LG05.1678 | yellow | 333.044270539127 | -- | YES |
| LG05.1696 | yellow | 54.1144966872962 | -- | YES |
| LG05.1699 | yellow | 653.553574401479 | AP2/ERF-ERF | YES |
| LG05.1703 | yellow | 485.39840273877 | -- | YES |
| LG05.1713 | yellow | 667.543627728461 | -- | YES |

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|---|---|---|---|---|
| LG05.1715 | yellow | 452.802023384357 | -- | YES |
| LG05.1728 | yellow | 402.291171509699 | -- | NO |
| LG05.1756 | yellow | 490.064201463449 | -- | YES |
| LG05.1797 | yellow | 114.499027104454 | -- | NO |
| LG05.1807 | yellow | 540.652308046393 | -- | YES |
| LG05.1837 | yellow | 590.192517962858 | -- | YES |
| LG05.1894 | yellow | 167.982710596471 | -- | YES |
| LG05.1905 | yellow | 302.111426663096 | -- | YES |
| LG05.1937 | yellow | 196.629977840844 | -- | YES |
| LG05.1938 | yellow | 381.256961960257 | -- | YES |
| LG05.1958 | yellow | 715.987200757646 | -- | YES |
| LG05.1962 | yellow | 578.271198534231 | -- | NO |
| LG05.1965 | yellow | 638.525995428065 | -- | NO |
| LG05.1983 | yellow | 228.503149714138 | -- | YES |
| LG05.1988 | yellow | 283.781765962082 | -- | YES |
| LG05.199 | yellow | 381.87196432443 | -- | YES |
| LG05.1999 | yellow | 142.261057799328 | -- | NO |
| LG05.2033 | yellow | 103.522082070404 | -- | NO |
| LG05.2047 | yellow | 103.14732062575 | -- | YES |
| LG05.2057 | yellow | 323.577632796366 | -- | YES |
| LG05.2066 | yellow | 639.240188073509 | -- | YES |
| LG05.2073 | yellow | 137.849175561585 | -- | NO |
| LG05.2080 | yellow | 656.398896579051 | -- | YES |
| LG05.2120 | yellow | 448.125614102606 | -- | YES |
| LG05.2133 | yellow | 516.193069851511 | -- | YES |
| LG05.2152 | yellow | 61.4335728986792 | -- | NO |

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|---|---|---|---|---|
| LG05.2163 | yellow | 520.533770792661 | -- | YES |
| LG05.2181 | yellow | 395.58077374551 | -- | NO |
| LG05.2186 | yellow | 69.2265385496176 | -- | NO |
| LG05.2203 | yellow | 139.093586753228 | -- | YES |
| LG05.2260 | yellow | 389.076214108137 | -- | YES |
| LG05.2262 | yellow | 209.144068896767 | -- | YES |
| LG05.2310 | yellow | 503.343051413512 | -- | YES |
| LG05.2317 | yellow | 694.247375607646 | -- | YES |
| LG05.2318 | yellow | 303.838692385073 | -- | YES |
| LG05.2324 | yellow | 397.075439360762 | -- | YES |
| LG05.2341 | yellow | 670.12176770182 | -- | YES |
| LG05.2348 | yellow | 255.857844416707 | -- | YES |
| LG05.2402 | yellow | 131.242716173804 | -- | NO |
| LG05.2524 | yellow | 639.480681374676 | -- | YES |
| LG05.2532 | yellow | 500.117183229541 | -- | YES |
| LG05.2533 | yellow | 204.249522448774 | -- | YES |
| LG05.2536 | yellow | 636.634442852919 | -- | YES |
| LG05.2552 | yellow | 444.942839792908 | -- | NO |
| LG05.2583 | yellow | 186.35851952477 | -- | YES |
| LG05.2650 | yellow | 124.785306217273 | -- | NO |
| LG05.269 | yellow | 292.170917592706 | -- | YES |
| LG05.2722 | yellow | 71.4506589710975 | -- | YES |
| LG05.29 | yellow | 165.038996309824 | -- | YES |
| LG05.2923 | yellow | 109.130445966632 | -- | NO |
| LG05.3009 | yellow | 438.996462130243 | -- | YES |
| LG05.3026 | yellow | 401.390018267327 | -- | YES |

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|---|---|---|---|---|
| LG05.3030 | yellow | 233.605674530732 | -- | YES |
| LG05.3051 | yellow | 186.106892297607 | -- | YES |
| LG05.3055 | yellow | 8.75868326015028 | -- | NO |
| LG05.306 | yellow | 218.397251041706 | -- | NO |
| LG05.3072 | yellow | 23.2042048527908 | -- | NO |
| LG05.3084 | yellow | 90.2588923572677 | -- | NO |
| LG05.3213 | yellow | 119.071861953957 | -- | NO |
| LG05.3215 | yellow | 279.691440684383 | -- | YES |
| LG05.3224 | yellow | 66.3190508433409 | -- | YES |
| LG05.3270 | yellow | 570.40928368745 | -- | YES |
| LG05.3286 | yellow | 176.015894685348 | -- | YES |
| LG05.3294 | yellow | 557.917533146319 | -- | YES |
| LG05.3308 | yellow | 122.160386602746 | -- | YES |
| LG05.334 | yellow | 396.287265113557 | MADS-M-type | NO |
| LG05.3350 | yellow | 246.874468756684 | -- | YES |
| LG05.3364 | yellow | 453.379048209094 | -- | YES |
| LG05.3378 | yellow | 12.9568102313681 | -- | NO |
| LG05.3385 | yellow | 727.601165425716 | -- | YES |
| LG05.3386 | yellow | 730.050682561707 | NAC | YES |
| LG05.3403 | yellow | 624.581920174202 | -- | YES |
| LG05.3408 | yellow | 7.85337996907614 | -- | NO |
| LG05.3428 | yellow | 515.049169197982 | -- | YES |
| LG05.3429 | yellow | 676.311435168111 | -- | YES |
| LG05.3440 | yellow | 679.087612553847 | -- | YES |
| LG05.3441 | yellow | 308.032931151512 | -- | YES |
| LG05.3449 | yellow | 519.80659314748 | -- | YES |

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|---|---|---|---|---|
| LG05.3514 | yellow | 251.977893753588 | -- | NO |
| LG05.3528 | yellow | 400.978606233494 | -- | YES |
| LG05.3529 | yellow | 136.012948379845 | -- | YES |
| LG05.3534 | yellow | 408.326435488551 | -- | YES |
| LG05.3535 | yellow | 534.197395382922 | -- | YES |
| LG05.3536 | yellow | 338.277182074077 | -- | YES |
| LG05.3574 | yellow | 580.120940579079 | AP2/ERF-ERF | YES |
| LG05.3602 | yellow | 738.857613270986 | -- | YES |
| LG05.3609 | yellow | 281.229234720644 | -- | YES |
| LG05.3629 | yellow | 534.775626075581 | -- | YES |
| LG05.3630 | yellow | 521.86393676895 | -- | YES |
| LG05.3647 | yellow | 344.168500884759 | -- | YES |
| LG05.3667 | yellow | 133.516697087027 | -- | YES |
| LG05.3669 | yellow | 500.612702085586 | -- | NO |
| LG05.3676 | yellow | 334.708039742113 | -- | YES |
| LG05.3679 | yellow | 559.082160965251 | -- | YES |
| LG05.3681 | yellow | 494.988737101919 | -- | YES |
| LG05.3697 | yellow | 321.431055391392 | -- | YES |
| LG05.3727 | yellow | 729.409684421637 | -- | YES |
| LG05.374 | yellow | 153.554236337555 | -- | NO |
| LG05.377 | yellow | 444.162418158143 | -- | YES |
| LG05.3780 | yellow | 254.844627617497 | -- | YES |
| LG05.3781 | yellow | 184.505584634241 | -- | YES |
| LG05.3816 | yellow | 130.48422874683 | -- | NO |
| LG05.3819 | yellow | 421.360216241136 | -- | NO |
| LG05.3836 | yellow | 618.025863111302 | AP2/ERF-ERF | YES |

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|---|---|---|---|---|
| LG05.3913 | yellow | 738.707041163852 | -- | YES |
| LG05.3933 | yellow | 252.459320688842 | zf-HD | NO |
| LG05.3937 | yellow | 720.752548030932 | -- | YES |
| LG05.3968 | yellow | 264.584538194129 | -- | YES |
| LG05.3986 | yellow | 543.695895850718 | -- | YES |
| LG05.3991 | yellow | 285.269694091964 | -- | YES |
| LG05.3992 | yellow | 399.63566127186 | -- | NO |
| LG05.3999 | yellow | 503.562157933181 | -- | YES |
| LG05.4009 | yellow | 640.022934329425 | -- | YES |
| LG05.4031 | yellow | 486.052860780248 | -- | YES |
| LG05.4035 | yellow | 703.096228840555 | Jumonji | YES |
| LG05.4055 | yellow | 714.389774466264 | -- | YES |
| LG05.4056 | yellow | 228.506679957498 | -- | YES |
| LG05.4118 | yellow | 633.546948358007 | -- | YES |
| LG05.4119 | yellow | 478.77244423523 | -- | YES |
| LG05.414 | yellow | 288.400025610384 | -- | YES |
| LG05.4144 | yellow | 254.984303895279 | -- | NO |
| LG05.4161 | yellow | 103.868902218619 | -- | YES |
| LG05.4177 | yellow | 192.629379545744 | -- | NO |
| LG05.4197 | yellow | 112.791229181512 | -- | NO |
| LG05.423 | yellow | 250.583319728013 | -- | NO |
| LG05.4270 | yellow | 549.426110055617 | -- | YES |
| LG05.4271 | yellow | 712.227636161488 | -- | YES |
| LG05.4272 | yellow | 574.629615939876 | -- | YES |
| LG05.4278 | yellow | 701.835084237913 | -- | YES |
| LG05.4287 | yellow | 692.438688028926 | -- | YES |

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|---|---|---|---|---|
| LG05.4292 | yellow | 569.671773155942 | -- | YES |
| LG05.4297 | yellow | 673.300294717435 | -- | YES |
| LG05.46 | yellow | 584.390745539669 | MYB-related | YES |
| LG05.5 | yellow | 405.394984804348 | -- | YES |
| LG05.500 | yellow | 684.502500610443 | -- | YES |
| LG05.508 | yellow | 95.4248413962721 | -- | NO |
| LG05.515 | yellow | 122.386181623213 | -- | NO |
| LG05.517 | yellow | 656.58180272519 | -- | YES |
| LG05.542 | yellow | 271.980441347842 | -- | NO |
| LG05.543 | yellow | 530.210730543666 | -- | YES |
| LG05.546 | yellow | 167.050950242767 | -- | NO |
| LG05.570 | yellow | 660.124103385898 | -- | YES |
| LG05.598 | yellow | 536.703921134548 | -- | YES |
| LG05.64 | yellow | 421.95751120635 | GNAT | YES |
| LG05.640 | yellow | 272.994741653406 | -- | NO |
| LG05.676 | yellow | 660.111823653609 | -- | YES |
| LG05.677 | yellow | 621.431835049822 | -- | YES |
| LG05.678 | yellow | 597.963245162223 | -- | YES |
| LG05.68 | yellow | 561.12802418785 | -- | YES |
| LG05.698 | yellow | 665.973330743544 | -- | YES |
| LG05.699 | yellow | 396.612203864306 | -- | YES |
| LG05.717 | yellow | 201.820489795924 | -- | YES |
| LG05.72 | yellow | 690.415942893233 | -- | YES |
| LG05.766 | yellow | 192.35781302697 | bHLH | YES |
| LG05.791 | yellow | 392.907947441172 | -- | NO |
| LG05.792 | yellow | 264.586942918093 | -- | NO |

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|---|---|---|---|---|
| LG05.795 | yellow | 312.638254515665 | -- | YES |
| LG05.8 | yellow | 136.204434143037 | -- | NO |
| LG05.804 | yellow | 502.458093858488 | -- | YES |
| LG05.81 | yellow | 135.311913585908 | -- | YES |
| LG05.83 | yellow | 210.420691514245 | -- | NO |
| LG05.85 | yellow | 691.725224758741 | -- | YES |
| LG05.879 | yellow | 368.463045899776 | -- | NO |
| LG05.883 | yellow | 437.880034266706 | -- | NO |
| LG05.886 | yellow | 666.063589880459 | -- | YES |
| LG05.930 | yellow | 99.0415537794044 | -- | NO |
| LG05.937 | yellow | 482.762390929421 | TAZ | YES |
| LG05.943 | yellow | 239.512837803704 | -- | NO |
| LG05.987 | yellow | 211.103298366474 | -- | YES |
| LG06.1058 | yellow | 549.629176772553 | -- | YES |
| LG06.106 | yellow | 138.958545355955 | -- | NO |
| LG06.1072 | yellow | 320.875435989014 | -- | NO |
| LG06.1074 | yellow | 355.636259765863 | -- | YES |
| LG06.1091 | yellow | 280.266844697405 | -- | NO |
| LG06.1095 | yellow | 556.686940089251 | -- | YES |
| LG06.111 | yellow | 33.989444253759 | -- | NO |
| LG06.1133 | yellow | 73.3813170585498 | -- | NO |
| LG06.1175 | yellow | 497.897614843181 | SET | YES |
| LG06.1182 | yellow | 153.898899070023 | -- | NO |
| LG06.1190 | yellow | 551.252745820077 | -- | YES |
| LG06.1246 | yellow | 681.880911565668 | Tify | YES |
| LG06.1252 | yellow | 552.903962449963 | -- | YES |

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|---|---|---|---|---|
| LG06.1260 | yellow | 46.7774839369501 | -- | NO |
| LG06.1288 | yellow | 526.471733611313 | -- | YES |
| LG06.1355 | yellow | 673.244136777735 | -- | YES |
| LG06.1357 | yellow | 609.826882301465 | -- | YES |
| LG06.1358 | yellow | 80.9525187933974 | -- | NO |
| LG06.1375 | yellow | 621.546987451836 | -- | YES |
| LG06.1376 | yellow | 605.003861432761 | -- | YES |
| LG06.1384 | yellow | 41.8595643373068 | -- | NO |
| LG06.1386 | yellow | 381.172364271491 | -- | NO |
| LG06.1405 | yellow | 72.9827274339645 | -- | NO |
| LG06.1409 | yellow | 642.423310416321 | -- | YES |
| LG06.1412 | yellow | 126.529355048338 | -- | NO |
| LG06.1415 | yellow | 661.206497655922 | -- | YES |
| LG06.1417 | yellow | 530.830975466489 | -- | YES |
| LG06.1443 | yellow | 392.581655680405 | -- | NO |
| LG06.1487 | yellow | 300.003057413134 | -- | YES |
| LG06.1530 | yellow | 371.213259143548 | -- | YES |
| LG06.1554 | yellow | 42.1053532340223 | -- | NO |
| LG06.1584 | yellow | 269.334098773962 | -- | YES |
| LG06.1589 | yellow | 676.7635895 | -- | YES |
| LG06.1608 | yellow | 609.504037563804 | -- | YES |
| LG06.1637 | yellow | 351.739521859251 | -- | YES |
| LG06.1661 | yellow | 387.86431943737 | -- | YES |
| LG06.1669 | yellow | 470.784164340298 | -- | NO |
| LG06.1671 | yellow | 674.496886851855 | Tify | YES |
| LG06.1674 | yellow | 679.197997431665 | -- | YES |

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|---|---|---|---|---|
| LG06.1692 | yellow | 34.2236093860189 | -- | NO |
| LG06.1693 | yellow | 192.738590925464 | -- | NO |
| LG06.1696 | yellow | 730.178393881506 | -- | YES |
| LG06.1719 | yellow | 195.669286633042 | -- | NO |
| LG06.1748 | yellow | 416.448174779432 | -- | YES |
| LG06.1750 | yellow | 697.292939801762 | -- | YES |
| LG06.1780 | yellow | 584.063086910534 | MYB | YES |
| LG06.1786 | yellow | 14.6222868879973 | -- | NO |
| LG06.1793 | yellow | 498.219438620163 | -- | YES |
| LG06.1874 | yellow | 164.678386589692 | -- | NO |
| LG06.189 | yellow | 227.272600152071 | -- | NO |
| LG06.1896 | yellow | 264.641565528338 | -- | YES |
| LG06.193 | yellow | 287.916316058403 | -- | YES |
| LG06.1936 | yellow | 356.83503945111 | -- | YES |
| LG06.1951 | yellow | 78.616302152182 | -- | NO |
| LG06.1960 | yellow | 206.347191003649 | -- | YES |
| LG06.1969 | yellow | 399.157286541367 | -- | YES |
| LG06.1973 | yellow | 494.297737899252 | AUX/IAA | YES |
| LG06.200 | yellow | 84.2424995031287 | -- | NO |
| LG06.2007 | yellow | 289.983999024155 | -- | YES |
| LG06.2019 | yellow | 142.733643453932 | MADS-M-type | NO |
| LG06.2039 | yellow | 223.045178826862 | -- | NO |
| LG06.2040 | yellow | 483.269939305316 | AUX/IAA | YES |
| LG06.2061 | yellow | 226.35762398708 | -- | NO |
| LG06.2068 | yellow | 251.765586513903 | -- | YES |
| LG06.21 | yellow | 594.061212973023 | -- | YES |

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|---|---|---|---|---|
| LG06.211 | yellow | 419.327284778782 | -- | YES |
| LG06.2197 | yellow | 248.225691029596 | -- | YES |
| LG06.2208 | yellow | 501.463611725731 | -- | YES |
| LG06.2258 | yellow | 75.5678907896566 | -- | YES |
| LG06.2259 | yellow | 125.073767712149 | -- | YES |
| LG06.2273 | yellow | 443.37010868342 | -- | NO |
| LG06.2280 | yellow | 282.482376042288 | -- | YES |
| LG06.2322 | yellow | 356.926989660989 | -- | NO |
| LG06.2324 | yellow | 457.553712608409 | -- | YES |
| LG06.2344 | yellow | 279.001708485449 | -- | NO |
| LG06.235 | yellow | 479.495725118567 | -- | YES |
| LG06.2356 | yellow | 609.253781742046 | -- | YES |
| LG06.2406 | yellow | 578.629702023708 | -- | YES |
| LG06.2431 | yellow | 276.504601343674 | -- | YES |
| LG06.2448 | yellow | 192.744098773656 | C2H2 | YES |
| LG06.2466 | yellow | 667.199966715287 | WRKY | YES |
| LG06.2476 | yellow | 685.626283803937 | -- | YES |
| LG06.2483 | yellow | 197.209313286499 | -- | YES |
| LG06.2501 | yellow | 584.013806394283 | -- | YES |
| LG06.2504 | yellow | 518.22624166417 | -- | YES |
| LG06.2526 | yellow | 394.820911699274 | -- | YES |
| LG06.253 | yellow | 50.0541558587641 | -- | NO |
| LG06.2530 | yellow | 574.357275113022 | -- | YES |
| LG06.254 | yellow | 440.183363976183 | -- | YES |
| LG06.2548 | yellow | 223.676289054041 | -- | NO |
| LG06.2553 | yellow | 217.07362630932 | -- | NO |

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|---|---|---|---|---|
| LG06.2561 | yellow | 158.256822446087 | -- | YES |
| LG06.2584 | yellow | 273.346064583304 | -- | NO |
| LG06.2618 | yellow | 539.450221826717 | MBF1 | YES |
| LG06.273 | yellow | 232.373068820328 | -- | NO |
| LG06.279 | yellow | 368.122430308141 | -- | NO |
| LG06.2873 | yellow | 437.433265198334 | -- | YES |
| LG06.2934 | yellow | 296.355734649816 | -- | NO |
| LG06.303 | yellow | 82.4507705038926 | -- | NO |
| LG06.304 | yellow | 417.476920663627 | -- | YES |
| LG06.3040 | yellow | 320.048719161387 | TRAF | YES |
| LG06.3041 | yellow | 405.186203890841 | -- | YES |
| LG06.3052 | yellow | 491.462957303759 | -- | YES |
| LG06.3074 | yellow | 253.820568999538 | -- | NO |
| LG06.3078 | yellow | 620.966686855003 | -- | YES |
| LG06.3080 | yellow | 535.790533223377 | -- | YES |
| LG06.3114 | yellow | 666.727519256538 | -- | YES |
| LG06.3187 | yellow | 62.8282543349727 | MADS-M-type | NO |
| LG06.3218 | yellow | 12.4722701987964 | -- | NO |
| LG06.3241 | yellow | 681.723710582413 | -- | YES |
| LG06.327 | yellow | 477.415711390274 | -- | YES |
| LG06.3275 | yellow | 601.283723523495 | -- | YES |
| LG06.3305 | yellow | 247.048426499603 | -- | YES |
| LG06.331 | yellow | 342.589210316053 | -- | NO |
| LG06.3318 | yellow | 476.781172914751 | -- | YES |
| LG06.3434 | yellow | 638.029777137853 | -- | YES |
| LG06.3436 | yellow | 262.797465364287 | -- | NO |

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|---|---|---|---|---|
| LG06.3467 | yellow | 127.175994105284 | -- | NO |
| LG06.3494 | yellow | 498.574374331054 | -- | YES |
| LG06.3499 | yellow | 217.461431003099 | -- | YES |
| LG06.3504 | yellow | 537.205013536176 | -- | YES |
| LG06.3562 | yellow | 249.479448916139 | -- | YES |
| LG06.3573 | yellow | 409.06079662296 | -- | YES |
| LG06.3626 | yellow | 266.509327042097 | -- | YES |
| LG06.3669 | yellow | 727.156931386533 | -- | YES |
| LG06.3689 | yellow | 667.586605842058 | -- | YES |
| LG06.3716 | yellow | 701.153217191381 | -- | YES |
| LG06.3717 | yellow | 686.426479965985 | -- | YES |
| LG06.374 | yellow | 494.48255039719 | -- | YES |
| LG06.375 | yellow | 474.955263313915 | -- | YES |
| LG06.376 | yellow | 672.027488301112 | -- | YES |
| LG06.3774 | yellow | 26.9880863081065 | -- | NO |
| LG06.3795 | yellow | 328.838967601125 | -- | NO |
| LG06.3820 | yellow | 270.268609926868 | -- | YES |
| LG06.3864 | yellow | 437.3621921 | bZIP | YES |
| LG06.3927 | yellow | 101.265204757359 | -- | NO |
| LG06.3937 | yellow | 136.985504079033 | C2H2 | NO |
| LG06.394 | yellow | 731.897731609662 | -- | YES |
| LG06.3948 | yellow | 506.910422417591 | -- | YES |
| LG06.3983 | yellow | 254.618530990138 | -- | NO |
| LG06.3993 | yellow | 119.057031739839 | -- | NO |
| LG06.4026 | yellow | 76.6567070469099 | -- | NO |
| LG06.4029 | yellow | 623.121771948618 | -- | YES |

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|---|---|---|---|---|
| LG06.4031 | yellow | 48.5789755504492 | -- | YES |
| LG06.404 | yellow | 134.048049900396 | -- | YES |
| LG06.409 | yellow | 355.209994394216 | -- | YES |
| LG06.4115 | yellow | 35.3001672276287 | -- | NO |
| LG06.4123 | yellow | 239.571778859617 | -- | NO |
| LG06.4131 | yellow | 718.258809005191 | -- | YES |
| LG06.4136 | yellow | 734.489777882419 | -- | YES |
| LG06.4155 | yellow | 590.454422859107 | -- | NO |
| LG06.4169 | yellow | 172.454979656781 | -- | NO |
| LG06.418 | yellow | 292.023211152091 | -- | YES |
| LG06.419 | yellow | 60.0213307825375 | -- | NO |
| LG06.42 | yellow | 157.970413672783 | -- | YES |
| LG06.4212 | yellow | 363.231807855398 | -- | YES |
| LG06.4221 | yellow | 659.919247703555 | -- | YES |
| LG06.4239 | yellow | 25.7816924468198 | -- | NO |
| LG06.4249 | yellow | 292.171083430058 | -- | NO |
| LG06.4250 | yellow | 276.851062957943 | -- | NO |
| LG06.4279 | yellow | 48.3465086322303 | -- | YES |
| LG06.4281 | yellow | 121.044402202582 | -- | NO |
| LG06.4287 | yellow | 69.1192541944377 | -- | NO |
| LG06.4319 | yellow | 313.768299786997 | -- | YES |
| LG06.4320 | yellow | 311.572459265183 | -- | YES |
| LG06.4353 | yellow | 95.5603395766299 | -- | NO |
| LG06.4356 | yellow | 263.769097445007 | -- | NO |
| LG06.4368 | yellow | 537.895420061658 | -- | YES |
| LG06.4381 | yellow | 126.182111925766 | -- | NO |

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|---|---|---|---|---|
| LG06.439 | yellow | 709.027142097286 | -- | YES |
| LG06.4402 | yellow | 145.482820092304 | -- | YES |
| LG06.4417 | yellow | 489.6206815 | -- | NO |
| LG06.4461 | yellow | 681.926757819807 | -- | YES |
| LG06.4484 | yellow | 400.288136916657 | -- | YES |
| LG06.4488 | yellow | 141.449061173194 | -- | NO |
| LG06.4519 | yellow | 354.401278661006 | -- | YES |
| LG06.4533 | yellow | 120.900537869398 | -- | NO |
| LG06.4535 | yellow | 650.482794867482 | -- | YES |
| LG06.4541 | yellow | 411.535925738452 | -- | YES |
| LG06.4567 | yellow | 300.255222004233 | -- | YES |
| LG06.4581 | yellow | 165.114200699485 | -- | NO |
| LG06.4590 | yellow | 568.600726856671 | -- | YES |
| LG06.4592 | yellow | 251.128252473865 | -- | YES |
| LG06.4595 | yellow | 123.504575806457 | -- | YES |
| LG06.4607 | yellow | 598.390506390126 | -- | YES |
| LG06.4609 | yellow | 730.528540404369 | -- | YES |
| LG06.4612 | yellow | 88.8975945200303 | -- | NO |
| LG06.4614 | yellow | 640.985488244815 | -- | YES |
| LG06.4620 | yellow | 464.723141919824 | -- | YES |
| LG06.4639 | yellow | 721.641120126802 | WRKY | YES |
| LG06.4652 | yellow | 177.071505242318 | -- | NO |
| LG06.4657 | yellow | 426.023489768096 | -- | YES |
| LG06.4675 | yellow | 684.366447937652 | -- | YES |
| LG06.468 | yellow | 499.909187862802 | -- | YES |
| LG06.4683 | yellow | 417.525777087826 | -- | YES |

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|---|---|---|---|---|
| LG06.4696 | yellow | 290.261400625777 | -- | NO |
| LG06.4704 | yellow | 68.1815416181416 | -- | NO |
| LG06.4705 | yellow | 459.3390304 | -- | NO |
| LG06.4747 | yellow | 628.202527263693 | -- | YES |
| LG06.4787 | yellow | 545.730927444929 | -- | YES |
| LG06.4788 | yellow | 526.009036110484 | -- | YES |
| LG06.4796 | yellow | 307.69147561215 | -- | YES |
| LG06.48 | yellow | 463.751610371177 | -- | NO |
| LG06.4804 | yellow | 108.178886531819 | -- | NO |
| LG06.4876 | yellow | 287.691778841724 | -- | YES |
| LG06.4888 | yellow | 406.652743768968 | -- | YES |
| LG06.4929 | yellow | 161.391874942961 | -- | YES |
| LG06.4934 | yellow | 104.776716363997 | -- | NO |
| LG06.4935 | yellow | 685.563800403849 | -- | YES |
| LG06.4964 | yellow | 554.713739126594 | -- | YES |
| LG06.4977 | yellow | 183.323707398873 | -- | YES |
| LG06.5011 | yellow | 373.305371655471 | -- | YES |
| LG06.5017 | yellow | 693.655528877458 | -- | YES |
| LG06.5028 | yellow | 67.7029610218271 | -- | NO |
| LG06.5072 | yellow | 390.68287039276 | -- | YES |
| LG06.5086 | yellow | 22.9501781674344 | -- | NO |
| LG06.509 | yellow | 713.774340454026 | -- | YES |
| LG06.512 | yellow | 190.481447695626 | -- | NO |
| LG06.5124 | yellow | 718.366552966335 | -- | YES |
| LG06.513 | yellow | 498.439807997448 | -- | NO |
| LG06.518 | yellow | 255.650361727346 | -- | NO |

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|---|---|---|---|---|
| LG06.5182 | yellow | 30.7190868298302 | -- | NO |
| LG06.5206 | yellow | 210.085276043223 | -- | YES |
| LG06.5207 | yellow | 684.33443856717 | -- | YES |
| LG06.5216 | yellow | 98.0281212687383 | -- | NO |
| LG06.5227 | yellow | 269.306130024199 | -- | YES |
| LG06.5234 | yellow | 137.05686061913 | -- | NO |
| LG06.5251 | yellow | 215.028046619027 | -- | YES |
| LG06.5261 | yellow | 177.405071394367 | -- | NO |
| LG06.5270 | yellow | 560.972578713934 | bHLH | NO |
| LG06.5286 | yellow | 263.066020076547 | -- | NO |
| LG06.538 | yellow | 536.784466208695 | -- | NO |
| LG06.5390 | yellow | 95.629350456283 | -- | NO |
| LG06.5453 | yellow | 721.215913379629 | -- | YES |
| LG06.5459 | yellow | 219.806856914065 | -- | NO |
| LG06.5460 | yellow | 129.572473686124 | C3H | NO |
| LG06.5467 | yellow | 91.5408048918762 | WRKY | NO |
| LG06.5485 | yellow | 39.3964722376926 | -- | NO |
| LG06.5495 | yellow | 13.0279417567649 | -- | NO |
| LG06.5499 | yellow | 439.631447281847 | -- | YES |
| LG06.6 | yellow | 37.2028252589321 | -- | YES |
| LG06.603 | yellow | 263.218930780937 | -- | YES |
| LG06.611 | yellow | 592.196485922708 | -- | YES |
| LG06.648 | yellow | 590.013741063836 | -- | NO |
| LG06.667 | yellow | 454.707391200136 | -- | YES |
| LG06.675 | yellow | 304.570393449102 | -- | YES |
| LG06.709 | yellow | 174.194443733451 | -- | NO |

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|---|---|---|---|---|
| LG06.712 | yellow | 563.189127472469 | -- | YES |
| LG06.718 | yellow | 25.4001117366876 | -- | NO |
| LG06.733 | yellow | 374.694812207389 | -- | YES |
| LG06.735 | yellow | 450.256277831561 | -- | YES |
| LG06.74 | yellow | 312.959255303399 | MADS-M-type | YES |
| LG06.75 | yellow | 537.805277067553 | -- | YES |
| LG06.757 | yellow | 314.847258682996 | -- | YES |
| LG06.762 | yellow | 278.113997897038 | -- | YES |
| LG06.78 | yellow | 145.393009200724 | -- | NO |
| LG06.784 | yellow | 137.08022459915 | -- | YES |
| LG06.798 | yellow | 279.067274558385 | -- | NO |
| LG06.848 | yellow | 569.547768607207 | -- | YES |
| LG06.860 | yellow | 688.092104918208 | MYB | YES |
| LG06.873 | yellow | 425.400526065382 | Others | YES |
| LG06.897 | yellow | 650.512483347799 | -- | YES |
| LG06.902 | yellow | 197.901002062402 | -- | YES |
| LG06.915 | yellow | 71.4171363314618 | -- | NO |
| LG07.1007 | yellow | 133.448239951084 | -- | YES |
| LG07.1033 | yellow | 563.988299308344 | -- | YES |
| LG07.1046 | yellow | 539.889295266563 | -- | YES |
| LG07.109 | yellow | 590.553907891058 | NAC | YES |
| LG07.1100 | yellow | 361.678147139151 | -- | NO |
| LG07.1112 | yellow | 121.492315610755 | -- | YES |
| LG07.1146 | yellow | 384.087895246664 | -- | YES |
| LG07.1152 | yellow | 642.708769093078 | -- | YES |
| LG07.1190 | yellow | 472.938400788614 | -- | YES |

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|---|---|---|---|---|
| LG07.1199 | yellow | 161.845628684899 | -- | NO |
| LG07.121 | yellow | 178.646555412244 | -- | NO |
| LG07.1219 | yellow | 75.8390560402665 | -- | NO |
| LG07.1228 | yellow | 640.233387870084 | -- | YES |
| LG07.1267 | yellow | 424.548299595061 | -- | YES |
| LG07.1275 | yellow | 227.768195606773 | -- | YES |
| LG07.1277 | yellow | 492.324103440141 | -- | YES |
| LG07.1293 | yellow | 502.221221764182 | -- | YES |
| LG07.1294 | yellow | 223.732290709971 | -- | NO |
| LG07.1338 | yellow | 21.8233373946608 | -- | NO |
| LG07.1342 | yellow | 76.6518625293135 | -- | NO |
| LG07.1346 | yellow | 231.232641411602 | -- | NO |
| LG07.1368 | yellow | 224.142014514998 | -- | NO |
| LG07.1377 | yellow | 458.861503856034 | -- | NO |
| LG07.1383 | yellow | 186.310637822779 | -- | NO |
| LG07.1404 | yellow | 640.427854978622 | -- | YES |
| LG07.1407 | yellow | 438.203177467994 | -- | NO |
| LG07.1418 | yellow | 430.136286786113 | -- | YES |
| LG07.142 | yellow | 256.992350016095 | -- | YES |
| LG07.1422 | yellow | 577.868278558967 | -- | YES |
| LG07.1431 | yellow | 463.077411918733 | -- | YES |
| LG07.1434 | yellow | 519.901749678041 | -- | YES |
| LG07.148 | yellow | 283.542213631676 | -- | YES |
| LG07.150 | yellow | 157.725227811165 | -- | NO |
| LG07.1510 | yellow | 424.492013378075 | -- | YES |
| LG07.1513 | yellow | 294.698042842534 | -- | YES |

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|---|---|---|---|---|
| LG07.1542 | yellow | 115.641067138085 | -- | YES |
| LG07.1574 | yellow | 191.385514971625 | -- | NO |
| LG07.1579 | yellow | 584.872528489811 | -- | YES |
| LG07.16 | yellow | 443.111759457592 | GRF | YES |
| LG07.1662 | yellow | 148.581535767664 | -- | NO |
| LG07.1667 | yellow | 364.55421830597 | -- | YES |
| LG07.1698 | yellow | 613.819312208144 | -- | YES |
| LG07.1703 | yellow | 56.7084681883199 | -- | NO |
| LG07.173 | yellow | 354.192678780845 | -- | YES |
| LG07.1733 | yellow | 158.087846916172 | -- | YES |
| LG07.1766 | yellow | 522.071795811229 | -- | YES |
| LG07.1826 | yellow | 127.396678278581 | -- | YES |
| LG07.1839 | yellow | 173.863258711011 | -- | NO |
| LG07.186 | yellow | 69.9022441096344 | -- | NO |
| LG07.19 | yellow | 278.659308571686 | -- | NO |
| LG07.199 | yellow | 471.474654317828 | -- | YES |
| LG07.200 | yellow | 355.790665526197 | -- | YES |
| LG07.201 | yellow | 367.116108540311 | -- | NO |
| LG07.209 | yellow | 65.1107092682472 | GNAT | NO |
| LG07.2095 | yellow | 341.285847163268 | -- | YES |
| LG07.2228 | yellow | 135.867977664726 | -- | YES |
| LG07.2247 | yellow | 721.788631127732 | -- | YES |
| LG07.2341 | yellow | 503.491535817811 | -- | YES |
| LG07.2386 | yellow | 258.379270223598 | -- | YES |
| LG07.241 | yellow | 420.808188374407 | -- | YES |
| LG07.250 | yellow | 579.000564212186 | WRKY | YES |

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|---|---|---|---|---|
| LG07.256 | yellow | 415.563689370896 | -- | YES |
| LG07.2584 | yellow | 283.763531288526 | -- | YES |
| LG07.2594 | yellow | 26.0889229812942 | -- | NO |
| LG07.2639 | yellow | 190.988692476295 | -- | YES |
| LG07.2644 | yellow | 156.281384668501 | -- | NO |
| LG07.2663 | yellow | 604.22855849532 | -- | YES |
| LG07.2728 | yellow | 125.601674867358 | -- | NO |
| LG07.2772 | yellow | 187.941040989941 | -- | NO |
| LG07.2781 | yellow | 568.262624060036 | -- | YES |
| LG07.284 | yellow | 689.812545174236 | -- | YES |
| LG07.2857 | yellow | 455.723641011683 | -- | YES |
| LG07.288 | yellow | 637.962774870172 | -- | YES |
| LG07.2891 | yellow | 199.80392677044 | -- | YES |
| LG07.2899 | yellow | 93.520020035887 | -- | NO |
| LG07.2903 | yellow | 331.223017104822 | -- | YES |
| LG07.2921 | yellow | 170.578199294963 | -- | NO |
| LG07.293 | yellow | 249.854725535017 | -- | YES |
| LG07.2971 | yellow | 548.204397909691 | -- | YES |
| LG07.2972 | yellow | 658.346038652926 | -- | YES |
| LG07.2975 | yellow | 539.255351775192 | -- | YES |
| LG07.2985 | yellow | 548.88085388058 | -- | YES |
| LG07.3007 | yellow | 516.230239210823 | -- | YES |
| LG07.3008 | yellow | 693.091913823574 | -- | YES |
| LG07.3009 | yellow | 638.503035389903 | -- | YES |
| LG07.3010 | yellow | 725.598391261493 | -- | YES |
| LG07.3035 | yellow | 245.45557344951 | -- | YES |

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|---|---|---|---|---|
| LG07.3048 | yellow | 213.349141266378 | -- | YES |
| LG07.3070 | yellow | 252.848743859161 | -- | YES |
| LG07.3072 | yellow | 222.311092758422 | -- | YES |
| LG07.3117 | yellow | 7.3735490291784 | -- | NO |
| LG07.3175 | yellow | 133.572616897339 | -- | NO |
| LG07.3190 | yellow | 365.293159632126 | -- | NO |
| LG07.320 | yellow | 351.106920051771 | MYB-related | NO |
| LG07.3222 | yellow | 204.873112020404 | -- | YES |
| LG07.3234 | yellow | 138.967132914105 | -- | YES |
| LG07.3295 | yellow | 656.412135345974 | -- | YES |
| LG07.3296 | yellow | 297.362428966863 | -- | YES |
| LG07.3316 | yellow | 270.119315138797 | -- | YES |
| LG07.3320 | yellow | 714.49192954657 | AP2/ERF-ERF | YES |
| LG07.3326 | yellow | 160.115539383418 | -- | YES |
| LG07.3327 | yellow | 541.694006136915 | -- | YES |
| LG07.3335 | yellow | 625.885278278148 | -- | YES |
| LG07.3376 | yellow | 419.2578359 | -- | YES |
| LG07.3377 | yellow | 79.0637944970031 | -- | YES |
| LG07.3392 | yellow | 112.233198046316 | C2C2-GATA | YES |
| LG07.3395 | yellow | 724.500571286938 | -- | YES |
| LG07.3396 | yellow | 672.962109072238 | -- | YES |
| LG07.340 | yellow | 475.66477784854 | GRAS | NO |
| LG07.3405 | yellow | 419.931947634255 | -- | YES |
| LG07.3414 | yellow | 66.8531070864248 | -- | NO |
| LG07.3420 | yellow | 253.402716519634 | -- | YES |
| LG07.343 | yellow | 321.732123552839 | -- | YES |

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|---|---|---|---|---|
| LG07.348 | yellow | 542.7715848 | -- | YES |
| LG07.3494 | yellow | 275.26784406262 | -- | YES |
| LG07.3526 | yellow | 168.0158212 | -- | YES |
| LG07.3527 | yellow | 14.1939848327323 | -- | NO |
| LG07.3535 | yellow | 97.9755172556899 | -- | NO |
| LG07.3552 | yellow | 25.7849368237688 | -- | NO |
| LG07.3553 | yellow | 344.939368286764 | -- | YES |
| LG07.3560 | yellow | 359.135172729185 | -- | YES |
| LG07.3562 | yellow | 44.0627927607135 | LOB | NO |
| LG07.3563 | yellow | 88.1449020121421 | LOB | NO |
| LG07.359 | yellow | 353.634908890371 | -- | YES |
| LG07.3616 | yellow | 676.109178084025 | -- | YES |
| LG07.3628 | yellow | 219.681168339702 | -- | YES |
| LG07.3657 | yellow | 482.995653429697 | -- | YES |
| LG07.3673 | yellow | 112.006487457712 | -- | YES |
| LG07.3699 | yellow | 640.600399250839 | -- | YES |
| LG07.37 | yellow | 77.0671367356825 | -- | NO |
| LG07.3701 | yellow | 286.8841272 | -- | NO |
| LG07.3702 | yellow | 730.005944064983 | -- | YES |
| LG07.3740 | yellow | 257.742364646304 | -- | NO |
| LG07.3768 | yellow | 669.367628716725 | -- | YES |
| LG07.3869 | yellow | 260.430404695826 | -- | YES |
| LG07.3905 | yellow | 639.244662679214 | -- | YES |
| LG07.3939 | yellow | 106.178528884552 | -- | NO |
| LG07.395 | yellow | 368.055131382945 | -- | NO |
| LG07.3954 | yellow | 483.371518506894 | -- | YES |

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|---|---|---|---|---|
| LG07.3981 | yellow | 437.948197712647 | -- | YES |
| LG07.400 | yellow | 386.983646794331 | -- | YES |
| LG07.4008 | yellow | 130.459301054329 | -- | YES |
| LG07.4020 | yellow | 224.872234840022 | -- | YES |
| LG07.4053 | yellow | 293.681992693234 | -- | YES |
| LG07.4083 | yellow | 163.309009704109 | -- | NO |
| LG07.4101 | yellow | 67.453199718091 | -- | NO |
| LG07.4102 | yellow | 473.983741560724 | -- | YES |
| LG07.4117 | yellow | 328.849434775888 | -- | NO |
| LG07.4118 | yellow | 431.021369513012 | -- | YES |
| LG07.4133 | yellow | 96.4691600992245 | -- | NO |
| LG07.4139 | yellow | 356.351035050327 | -- | YES |
| LG07.4142 | yellow | 611.113787742957 | -- | YES |
| LG07.4148 | yellow | 233.330654863104 | -- | YES |
| LG07.4149 | yellow | 392.018117517536 | MYB-related | YES |
| LG07.4158 | yellow | 368.339698051335 | -- | YES |
| LG07.4187 | yellow | 268.93442392633 | -- | YES |
| LG07.4191 | yellow | 300.869685275136 | -- | YES |
| LG07.4197 | yellow | 199.395389088899 | -- | YES |
| LG07.4214 | yellow | 470.125151600662 | -- | YES |
| LG07.422 | yellow | 698.464334285918 | -- | YES |
| LG07.4220 | yellow | 722.722634113024 | -- | YES |
| LG07.4222 | yellow | 464.016969630927 | -- | YES |
| LG07.4230 | yellow | 73.1874922805664 | MYB-related | NO |
| LG07.438 | yellow | 235.828569124709 | -- | YES |
| LG07.445 | yellow | 686.312099717012 | AP2/ERF-ERF | YES |

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|---|---|---|---|---|
| LG07.446 | yellow | 729.886122015371 | AP2/ERF-ERF | YES |
| LG07.452 | yellow | 651.010089594833 | -- | YES |
| LG07.453 | yellow | 135.617585571098 | -- | NO |
| LG07.467 | yellow | 729.703503972682 | -- | YES |
| LG07.477 | yellow | 663.136225232405 | -- | YES |
| LG07.478 | yellow | 303.151356886519 | -- | NO |
| LG07.485 | yellow | 111.981471218999 | -- | NO |
| LG07.511 | yellow | 538.096925704362 | -- | YES |
| LG07.519 | yellow | 267.992692409801 | -- | YES |
| LG07.533 | yellow | 555.494308654107 | -- | YES |
| LG07.537 | yellow | 241.63553901806 | -- | NO |
| LG07.550 | yellow | 548.910261556815 | -- | YES |
| LG07.551 | yellow | 555.060289395717 | -- | YES |
| LG07.588 | yellow | 483.671184498316 | -- | NO |
| LG07.598 | yellow | 227.483048839784 | -- | NO |
| LG07.599 | yellow | 404.386482802135 | -- | YES |
| LG07.601 | yellow | 272.273910297484 | -- | NO |
| LG07.607 | yellow | 153.650224333677 | -- | NO |
| LG07.620 | yellow | 661.929843928938 | AP2/ERF-ERF | YES |
| LG07.623 | yellow | 515.398680157641 | -- | YES |
| LG07.624 | yellow | 311.045155580342 | -- | YES |
| LG07.651 | yellow | 680.779305669712 | -- | YES |
| LG07.673 | yellow | 609.445714547895 | -- | NO |
| LG07.691 | yellow | 380.05634574081 | -- | NO |
| LG07.693 | yellow | 93.0821293316637 | -- | YES |
| LG07.694 | yellow | 639.880167111804 | -- | YES |

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|---|---|---|---|---|
| LG07.698 | yellow | 709.563358988133 | WRKY | YES |
| LG07.70 | yellow | 53.1552284530742 | -- | NO |
| LG07.701 | yellow | 567.325798869127 | -- | YES |
| LG07.703 | yellow | 526.330522456647 | -- | NO |
| LG07.705 | yellow | 92.7974737676981 | -- | YES |
| LG07.706 | yellow | 528.584889981291 | -- | YES |
| LG07.71 | yellow | 513.622354868452 | -- | YES |
| LG07.716 | yellow | 575.317940047522 | -- | YES |
| LG07.718 | yellow | 592.589431015221 | -- | YES |
| LG07.726 | yellow | 726.671394282841 | -- | YES |
| LG07.730 | yellow | 236.460820711444 | -- | NO |
| LG07.737 | yellow | 153.11560621354 | -- | NO |
| LG07.763 | yellow | 367.71166859759 | -- | YES |
| LG07.780 | yellow | 635.94603838118 | AP2/ERF-ERF | YES |
| LG07.792 | yellow | 362.477456887475 | -- | NO |
| LG07.801 | yellow | 554.318364833993 | -- | YES |
| LG07.815 | yellow | 212.693646802515 | AP2/ERF-ERF | YES |
| LG07.821 | yellow | 652.078532345037 | -- | YES |
| LG07.825 | yellow | 484.662280310918 | -- | YES |
| LG07.826 | yellow | 656.361895444238 | -- | YES |
| LG07.828 | yellow | 739.755840670896 | C3H | YES |
| LG07.834 | yellow | 585.906005161619 | -- | YES |
| LG07.848 | yellow | 714.090333440653 | -- | YES |
| LG07.851 | yellow | 113.855883195966 | HMG | NO |
| LG07.863 | yellow | 161.401527965071 | -- | YES |
| LG07.872 | yellow | 326.713059429693 | -- | NO |

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|---|---|---|---|---|
| LG07.882 | yellow | 272.916168496943 | -- | YES |
| LG07.900 | yellow | 313.245857963927 | -- | NO |
| LG07.91 | yellow | 85.2677291781445 | -- | NO |
| LG07.918 | yellow | 606.596526983125 | -- | NO |
| LG07.924 | yellow | 437.77254037146 | -- | NO |
| LG07.931 | yellow | 702.256557363423 | HSF | YES |
| LG07.96 | yellow | 147.034068952039 | -- | YES |
| LG07.978 | yellow | 509.711499077934 | -- | YES |
| LG07.994 | yellow | 267.146363709072 | -- | NO |
| novel.1008 | yellow | 404.16646229486 | -- | YES |
| novel.1020 | yellow | 677.276296524758 | -- | YES |
| novel.103 | yellow | 620.669354086411 | -- | YES |
| novel.1039 | yellow | 139.754851637962 | -- | YES |
| novel.1069 | yellow | 717.748553620929 | -- | YES |
| novel.1072 | yellow | 673.597231012986 | -- | YES |
| novel.1096 | yellow | 277.291839305509 | -- | YES |
| novel.1098 | yellow | 425.30426993098 | -- | YES |
| novel.1125 | yellow | 205.244481807762 | -- | YES |
| novel.1136 | yellow | 211.18377446352 | -- | NO |
| novel.1149 | yellow | 556.946705128903 | -- | NO |
| novel.116 | yellow | 219.272580887074 | -- | YES |
| novel.1165 | yellow | 513.105314430298 | -- | NO |
| novel.117 | yellow | 431.81923850296 | -- | YES |
| novel.1174 | yellow | 193.767298035406 | -- | YES |
| novel.1187 | yellow | 690.351205279011 | -- | YES |
| novel.1192 | yellow | 496.362415310661 | -- | YES |

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|---|---|---|---|---|
| novel.1203 | yellow | 298.742160050419 | -- | YES |
| novel.1207 | yellow | 329.896176821076 | -- | YES |
| novel.1264 | yellow | 362.828241915068 | -- | YES |
| novel.1265 | yellow | 193.497274462935 | -- | YES |
| novel.1275 | yellow | 372.414453133065 | -- | YES |
| novel.1284 | yellow | 290.036797278748 | -- | YES |
| novel.1285 | yellow | 344.573667159593 | -- | YES |
| novel.1286 | yellow | 79.5839568832159 | -- | NO |
| novel.1301 | yellow | 515.850673544855 | -- | YES |
| novel.1308 | yellow | 430.658230183005 | -- | YES |
| novel.1315 | yellow | 185.594227682618 | -- | YES |
| novel.1321 | yellow | 480.406792780031 | -- | YES |
| novel.1338 | yellow | 184.922734158483 | -- | YES |
| novel.1339 | yellow | 178.578072896852 | -- | YES |
| novel.1355 | yellow | 140.760006618276 | -- | YES |
| novel.1374 | yellow | 486.565921431729 | -- | YES |
| novel.1385 | yellow | 445.804063506729 | -- | YES |
| novel.1406 | yellow | 91.9647463409995 | -- | YES |
| novel.1411 | yellow | 89.7271277117716 | -- | YES |
| novel.1425 | yellow | 205.066946458363 | -- | YES |
| novel.1448 | yellow | 8.05967893694908 | -- | NO |
| novel.1450 | yellow | 451.769098505184 | -- | YES |
| novel.1453 | yellow | 652.73580226819 | -- | YES |
| novel.1457 | yellow | 457.498173288057 | -- | YES |
| novel.1458 | yellow | 507.450458029486 | -- | YES |
| novel.1466 | yellow | 350.70021789652 | -- | NO |

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|---|---|---|---|---|
| novel.1469 | yellow | 144.641989430303 | -- | YES |
| novel.1474 | yellow | 228.254927606806 | -- | NO |
| novel.148 | yellow | 704.414776089011 | -- | YES |
| novel.1482 | yellow | 143.365444632024 | -- | YES |
| novel.1487 | yellow | 126.280905687109 | -- | YES |
| novel.1489 | yellow | 26.7162872339077 | -- | NO |
| novel.1494 | yellow | 116.904619233543 | -- | NO |
| novel.1512 | yellow | 255.474139001351 | -- | YES |
| novel.1549 | yellow | 35.6496104894239 | -- | NO |
| novel.1595 | yellow | 275.742924129834 | -- | NO |
| novel.1607 | yellow | 615.956811423622 | -- | YES |
| novel.1652 | yellow | 50.2874387516759 | -- | NO |
| novel.1658 | yellow | 726.255970249661 | -- | YES |
| novel.1680 | yellow | 608.20101271375 | -- | YES |
| novel.1681 | yellow | 343.374873634241 | -- | YES |
| novel.1713 | yellow | 511.992365361459 | -- | YES |
| novel.1753 | yellow | 107.769011273596 | -- | NO |
| novel.1760 | yellow | 267.883464971462 | -- | NO |
| novel.1764 | yellow | 321.403603920075 | -- | YES |
| novel.1772 | yellow | 295.047185305083 | -- | YES |
| novel.1776 | yellow | 85.8464947383913 | -- | NO |
| novel.1782 | yellow | 531.811527237788 | -- | YES |
| novel.1786 | yellow | 73.0378974111989 | -- | NO |
| novel.1792 | yellow | 339.127984949861 | -- | YES |
| novel.1863 | yellow | 69.5910731017029 | -- | NO |
| novel.1867 | yellow | 528.970499352478 | -- | YES |

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|---|---|---|---|---|
| novel.1876 | yellow | 483.852759520242 | -- | YES |
| novel.188 | yellow | 348.778300651944 | -- | YES |
| novel.1931 | yellow | 83.6232044912302 | -- | NO |
| novel.1944 | yellow | 640.97672360039 | -- | YES |
| novel.1959 | yellow | 548.48793698513 | -- | YES |
| novel.1977 | yellow | 70.0608925542133 | -- | YES |
| novel.1981 | yellow | 629.091773125351 | -- | YES |
| novel.1986 | yellow | 128.599145600391 | -- | YES |
| novel.2002 | yellow | 649.693009064587 | -- | YES |
| novel.2004 | yellow | 562.864754306474 | -- | YES |
| novel.2019 | yellow | 453.172775891415 | -- | YES |
| novel.203 | yellow | 423.867927497764 | -- | NO |
| novel.21 | yellow | 217.006494047284 | -- | YES |
| novel.2144 | yellow | 488.117260566919 | -- | YES |
| novel.2161 | yellow | 532.963034024509 | -- | NO |
| novel.2165 | yellow | 346.287813323694 | -- | NO |
| novel.2174 | yellow | 154.19488939041 | -- | YES |
| novel.219 | yellow | 508.065507345104 | -- | YES |
| novel.2206 | yellow | 21.5488854169828 | -- | NO |
| novel.2210 | yellow | 356.763674785806 | -- | YES |
| novel.2213 | yellow | 489.893364317197 | -- | YES |
| novel.2225 | yellow | 445.085509459415 | -- | YES |
| novel.2245 | yellow | 416.607998403022 | -- | NO |
| novel.2248 | yellow | 299.551063163796 | -- | YES |
| novel.227 | yellow | 397.435407183792 | -- | YES |
| novel.2274 | yellow | 175.031661255434 | -- | NO |

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|---|---|---|---|---|
| novel.2282 | yellow | 248.469716695841 | -- | YES |
| novel.230 | yellow | 33.3138779992702 | -- | YES |
| novel.2303 | yellow | 46.2284406555128 | -- | NO |
| novel.2335 | yellow | 250.648879236917 | -- | NO |
| novel.2347 | yellow | 66.8604139102161 | -- | NO |
| novel.2357 | yellow | 557.746081689536 | -- | YES |
| novel.2358 | yellow | 525.017347124425 | -- | YES |
| novel.2379 | yellow | 70.3224281897582 | -- | YES |
| novel.2390 | yellow | 512.416449511268 | -- | YES |
| novel.2396 | yellow | 32.2722492290152 | -- | NO |
| novel.2397 | yellow | 690.398223186006 | -- | YES |
| novel.2413 | yellow | 481.371358808076 | -- | YES |
| novel.2427 | yellow | 453.83155675494 | -- | NO |
| novel.2429 | yellow | 568.182395506835 | -- | YES |
| novel.2505 | yellow | 383.444083962769 | -- | NO |
| novel.2520 | yellow | 180.080091645945 | -- | YES |
| novel.2521 | yellow | 302.940784635961 | -- | YES |
| novel.255 | yellow | 719.541183298038 | -- | YES |
| novel.2562 | yellow | 637.618557349861 | -- | YES |
| novel.2568 | yellow | 594.822742394673 | -- | YES |
| novel.258 | yellow | 29.2363157441483 | -- | NO |
| novel.259 | yellow | 565.663407534008 | -- | YES |
| novel.2596 | yellow | 496.89349545778 | -- | YES |
| novel.2621 | yellow | 704.627031846048 | -- | YES |
| novel.29 | yellow | 520.423205990318 | -- | YES |
| novel.294 | yellow | 308.255178011627 | -- | YES |

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|---|---|---|---|---|
| novel.339 | yellow | 556.138773558272 | -- | YES |
| novel.343 | yellow | 93.1914715889234 | -- | YES |
| novel.365 | yellow | 284.682884592886 | -- | YES |
| novel.366 | yellow | 292.295971910533 | -- | YES |
| novel.374 | yellow | 104.323483158793 | -- | YES |
| novel.404 | yellow | 478.970097093584 | -- | YES |
| novel.405 | yellow | 167.912409338856 | -- | NO |
| novel.41 | yellow | 174.490203971459 | -- | NO |
| novel.425 | yellow | 125.474849701092 | -- | NO |
| novel.448 | yellow | 382.141166489792 | -- | NO |
| novel.461 | yellow | 294.566158340271 | -- | YES |
| novel.462 | yellow | 149.702891836025 | CSD | NO |
| novel.476 | yellow | 495.253023656338 | -- | YES |
| novel.500 | yellow | 512.901630606935 | -- | YES |
| novel.543 | yellow | 430.295516830874 | -- | NO |
| novel.559 | yellow | 172.829490822101 | -- | YES |
| novel.56 | yellow | 302.681667044736 | -- | YES |
| novel.563 | yellow | 608.190552054229 | -- | YES |
| novel.567 | yellow | 480.160824509905 | -- | YES |
| novel.570 | yellow | 199.178365569929 | -- | NO |
| novel.576 | yellow | 34.1715217929918 | -- | NO |
| novel.584 | yellow | 690.096239851251 | -- | YES |
| novel.588 | yellow | 563.650629091538 | -- | YES |
| novel.60 | yellow | 526.985891131799 | -- | YES |
| novel.607 | yellow | 687.719067764093 | -- | YES |
| novel.608 | yellow | 644.014724981604 | -- | YES |

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|---|---|---|---|---|
| novel.61 | yellow | 356.161898162819 | -- | NO |
| novel.64 | yellow | 524.705598683836 | -- | YES |
| novel.698 | yellow | 102.317988738898 | -- | NO |
| novel.72 | yellow | 84.3061266968051 | -- | NO |
| novel.753 | yellow | 119.642929063381 | -- | YES |
| novel.767 | yellow | 389.298172112228 | -- | YES |
| novel.771 | yellow | 674.716171830364 | -- | YES |
| novel.774 | yellow | 628.220912381183 | -- | YES |
| novel.776 | yellow | 55.4568675148615 | -- | YES |
| novel.782 | yellow | 61.9983082990228 | -- | YES |
| novel.784 | yellow | 449.521113593314 | -- | YES |
| novel.797 | yellow | 185.474847264208 | -- | YES |
| novel.847 | yellow | 495.44136614071 | -- | YES |
| novel.91 | yellow | 68.7620473017839 | -- | YES |
| novel.924 | yellow | 69.1376512701394 | -- | NO |
| novel.971 | yellow | 434.840836656027 | -- | YES |
| novel.975 | yellow | 185.085564878722 | -- | YES |
| novel.979 | yellow | 407.162022087676 | -- | YES |
| novel.991 | yellow | 163.746973891843 | -- | YES |
| novel.997 | yellow | 336.092601489313 | -- | NO |