**S3 Table. Primers used in this study.**

|  |  |  |
| --- | --- | --- |
| **Primer name** | **Primer sequence (5’-3’; underlined letter represents cleavage sites)** | **Amplicon** |
| W909\_01375-1 | cgggatccAATGATTTTCACCCACGC | *W909\_01375* deletion |
| W909\_01375-2 | CGGACACTGGAGTAAGGTTTTCGTCAGCAGCGTCATTACT |
| W909\_01375-3 | AGTAATGACGCTGCTGACGAAAACCTTACTCCAGTGTCCG |
| W909\_01375-4 | ggactagtAATTGCACGAACCACCGACA |
| W909\_02155-1 | cgggatccGTATTGGAACCTGGTGATGA | *W909\_02155* deletion |
| W909\_02155-2 | AGATGGTCGATGCTTTCACCTTCATTGGACAGCACCCAGT |
| W909\_02155-3 | ACTGGGTGCTGTCCAATGAAGGTGAAAGCATCGACCATCT |
| W909\_02155-4 | ggactagtGGCTGAGACAGTACGCATAA |
| W909\_06420-1 | cgggatccCGTTGATAGTGAGGTGAATC | *W909\_06420* deletion |
| W909\_06420-2 | TCTGGAACAAGCACGACGCAGGAACATAAACACGTCTGGC |
| W909\_06420-3 | GCCAGACGTGTTTATGTTCCTGCGTCGTGCTTGTTCCAGA |
| W909\_06420-4 | ggactagtAAGTGTTGCTACGCTGTCAG |
| W909\_06670-1 | cgggatccACAGCTATCATTGTTGGG | *W909\_06670* deletion |
| W909\_06670-2 | CTTACCGTCACCACCTGTTCCGAGTTCCAGAAATTCCAGG |
| W909\_06670-3 | CCTGGAATTTCTGGAACTCGGAACAGGTGGTGACGGTAAG |
| W909\_06670-4 | ggactagtCTTCAGGTAGCTGGCAATCA |
| W909\_07585-1 | cgggatccGTGTCGTCGTGCTGACTCAA | *W909\_07585* deletion |
| W909\_07585-2 | CACGTGCTGTTGGTTGAACAAGCCGTAGAACATCGTATCT |
| W909\_07585-3 | AGATACGATGTTCTACGGCTTGTTCAACCAACAGCACGTG |
| W909\_07585-4 | ggactagtGAATGATGGCACGGTTTTCC |
| W909\_10355-1 | cgggatccTGATGCTTCATGAGGCGATG | *W909\_10355* deletion |
| W909\_10355-2 | ATTCGCAATTCACTGACAGGCCCTCTTTACTCTGTCTCTT |
| W909\_10355-3 | AAGAGACAGAGTAAAGAGGGCCTGTCAGTGAATTGCGAAT |
| W909\_10355-4 | ggactagtCCATGATAATCAAGCCTGCC |
| W909\_11190-1 | cgggatccTGCAAGGCGAAAAACTCTCG | *W909\_11190* deletion |
| W909\_11190-2 | GAGGTAAATCGCCATCAGACACCTGATGATAGTGGCTGTC |
| W909\_11190-3 | GACAGCCACTATCATCAGGTGTCTGATGGCGATTTACCTC |
| W909\_11190-4 | ggactagtCATAATCATACGTGCGATGG |
| W909\_11910-1 | cgggatccTTTGATGTGGAGCGAGGTGT | *W909\_11910* deletion |
| W909\_11910-2 | TCACCTGACTGAGAATAGCGCATAGTCAACTGCAAGCTGG |
| W909\_11910-3 | CCAGCTTGCAGTTGACTATGCGCTATTCTCAGTCAGGTGA |
| W909\_11910-4 | ggactagtAAGTGTTGCTACGCTGTCAG |
| W909\_11975-1 | cgggatccTTACAACGCGACCCGAAAGT | *W909\_11975* deletion |
| W909\_11975-2 | TGTGTTGTCAGGGATTCTGCACTCATCCATCCGTGGTCTT |
| W909\_11975-3 | AAGACCACGGATGGATGAGTGCAGAATCCCTGACAACACA |
| W909\_11975-4 | ggactagtGCAGACCAGATCTTCGAACA |
| W909\_14000-1 | cgggatccCCGATAATCATCCACTGGTC | *W909\_14000* deletion |
| W909\_14000-2 | TGATGTTCAGCTCTGTCTGGGATTCCAGCCATCCACATAG |
| W909\_14000-3 | CTATGTGGATGGCTGGAATCCCAGACAGAGCTGAACATCA |
| W909\_14000-4 | ggactagtCTACTGTTTGTGATGGTGGG |
| W909\_14520-1 | cgggatccTTCTTCACGACCAAAGCCGT | *W909\_14520* deletion |
| W909\_14520-2 | CTTGTTCAGCACGCCAGTTTCTTCAGGTTCAGAGTAGCCA |
| W909\_14520-3 | TGGCTACTCTGAACCTGAAGAAACTGGCGTGCTGAACAAG |
| W909\_14520-4 | ggactagtAGCAACCATAGCGAGTACGT |
| W909\_14945-1 | cgggatccAGGGAAACTGTGACGATAGC | *W909\_14945* deletion |
| W909\_14945-2 | TGGTAGATTTGGGTCTGGCTAATAACACTCTCCTCAGGCC |
| W909\_14945-3 | GGCCTGAGGAGAGTGTTATTAGCCAGACCCAAATCTACCA |
| W909\_14945-4 | ggactagtAATGAGCTGTCACTGGTCGT |
| W909\_14950-1 | cgggatccCATCGAGATGGCTTGATTGG | *W909\_14950* deletion |
| W909\_14950-2 | TTATTGAGCCGGAGATAGGGTCAGCATCTGTAAGCAGTGC |
| W909\_14950-3 | GCACTGCTTACAGATGCTGACCCTATCTCCGGCTCAATAA |
| W909\_14950-4 | ggactagtATCGCTGTGTGCAGACCTAA |
| W909\_15410-1 | cgggatccAGCCACTGCAGTTCACCTTT | *W909\_15410* deletion |
| W909\_15410-2 | GTTAGCTGGCAGTATCGATCTTACTCCAGAATGTGGGGGT |
| W909\_15410-3 | ACCCCCACATTCTGGAGTAAGATCGATACTGCCAGCTAAC |
| W909\_15410-4 | ggactagtAGTCTGAATACACCTGGCAG |
| W909\_16285-1 | cgggatccTGCATTTGGGTGAGCGTTAC | *W909\_16285* deletion |
| W909\_16285-2 | TTTCAACCCCTTCGGCTACCAGGATGCCCTGAAACAGACT |
| W909\_16285-3 | AGTCTGTTTCAGGGCATCCTGGTAGCCGAAGGGGTTGAAA |
| W909\_16285-4 | ggactagtCGAAGAGAAAGCCTTTGTGC |
| W909\_16555-1 | cgggatccAAAACGGAAGAAGCGTGTCG | *W909\_16555* deletion |
| W909\_16555-2 | ACAGTGCGTTATCTGCCGTTCCATTTCTGGTGGCACAAGA |
| W909\_16555-3 | TCTTGTGCCACCAGAAATGGAACGGCAGATAACGCACTGT |
| W909\_16555-4 | ggactagtACGGATTTGCGTCAGGTGAA |
| W909\_17280-1 | cgggatccTCAGCACCAGATGACAACCA | *W909\_17280* deletion |
| W909\_17280-2 | CCGTTGTTGTTTCTGTCATGGTGTAGCCGTTATTCACGTG |
| W909\_17280-3 | CACGTGAATAACGGCTACACCATGACAGAAACAACAACGG |
| W909\_17280-4 | ggactagtCACGAAGACCCAGGTGTTAT |
| W909\_18445-1 | cgggatccGGACAGGTCATCATCAGGAT | *W909\_18445* deletion |
| W909\_18445-2 | TAGAGCAGGTGGCTGTGTAAGTAGGCGATTCCGTGAAAGA |
| W909\_18445-3 | TCTTTCACGGAATCGCCTACTTACACAGCCACCTGCTCTA |
| W909\_18445-4 | ggactagtAATGGTCTGCGTAATCTGCG |
| W909\_20210-1 | cgggatccGCTCAATAAAAGCAGGTCGG | *W909\_20210* deletion |
| W909\_20210-2 | CGTGGTGACCGTATTGATCACACTGCTTATCCTGGTCGAT |
| W909\_20210-3 | ATCGACCAGGATAAGCAGTGTGATCAATACGGTCACCACG |
| W909\_20210-4 | ggactagtCTGCTGTCTTACCATGTTGC |
| PKNG-F | GCCATCAAACCACGTCAAAT | pKNG101 plasmid  detection primer |
| PKNG-R | AACCAAGCCTATGCCTACAG |
| C10355-1 | cggaattcAGAGGGATAGTAGCCAGTTA | *W909\_10355*  overexpression |
| C10355-2 | cgggatccCATCGCCTCATGAAGCATCA |
| C14945-1 | cccaagcttGCTCTTGGGGATTTCTACTG | *W909\_14945*  overexpression |
| C14945-2 | cgggatccGCTAAAGCCAATACGACAGG |
| wspR-Hind III | cccaagcttCATGTACCACTCGCGTTCG | GGDEF domain  overexpression |
| wspR-EcoR I | cggaattcTCAGCCCGCCGGGGCC |
| rocR-Hind III | cccaagcttTGTGTGGACCGTGATG | EAL domain  overexpression |
| rocR-EcoR I | cggaattcTCAGGATCCGGAGCAATAGT |
| MCS-F | TCTTCGCTATTACGCCAGCT | pBBR1-MCS-4 plasmid  detection primer |
| MCS-R | GGCTCGTATGTTGTGTGGAA |