

S2 Table. Oligonucleotide primers for plasmid construction.

| Plasmid | Sequence of relevant primers (5'-3') ¹ | Description |
|---------|---|---|
| pSC571 | TATATCTAGAGCATTCGTCAGCACATCACC | Forward primer to clone upstream region of SMDB11_2269 in pKNG101 (<i>Xba</i> I) |
| | TATAAAGCTTCCAATATTTTCATAGTGAACCTTGCTG | Reverse primer to clone upstream region of SMDB11_2269 in pKNG101 (<i>Hind</i> III) |
| | TATAAAGCTTGCCACTCACTGATTATAAGGAAAGC | Forward primer to clone downstream region of SMDB11_2269 in pKNG101 (<i>Hind</i> III) |
| | TATAGGGCCCGCAGTTGGCATACTGTTCG | Reverse primer to clone downstream region of SMDB11_2269 in pKNG101 (<i>Apa</i> I) |
| pSC904 | TGTATCTAGAAGGTGAAAACTGGCTGAACAG | Forward primer to clone upstream region of SMDB11_2267 in pKNG101 (<i>Xba</i> I) |
| | TAATGGATCCAAATCGCATAAGGCATTCCTGC | Reverse primer to clone upstream region of SMDB11_2267 in pKNG101 (<i>Bam</i> HI) |
| | TATAGGATCCGACTCACAGACCAAACCGGAC | Forward primer to clone downstream region of SMDB11_2267 in pKNG101 (<i>Bam</i> HI) |
| | TATAGGGCCCATATGCAGCGACTGTTCC | Reverse primer to clone downstream region of SMDB11_2244 in pKNG101 (<i>Apa</i> I) |
| pSC906 | TATATCTAGAAAGTGACGCCGGACGATCTG | Forward primer to clone upstream region of SMDB11_2256 in pKNG101 (<i>Xba</i> I) |
| | TAATGGATCCAGTGCTCATGGTCATGTCCTTTC | Reverse primer to clone upstream region of SMDB11_2256 in pKNG101 (<i>Bam</i> HI) |
| | TGGTGGATCCCAAATGTTTGATTAACATCGTTCGTTG | Forward primer to clone downstream region of SMDB11_2256 in pKNG101 (<i>Bam</i> HI) |
| | TATAGGGCCCAATGGCGCTCAGGGTGTG | Reverse primer to clone downstream region of SMDB11_2256 in pKNG101 (<i>Apa</i> I) |
| pSC1712 | TATATCTAGACCCCGACTACTTGAAGCTGTCC | Forward primer to clone upstream region of SMDB11_2268 in fha-mCherry background in pKNG101 (<i>Xba</i> I) |
| | TATAAAGCTTGGTGATATTCATTACGCGTCCG | Reverse primer to clone upstream region of SMDB11_2268 in fha-mCherry background in pKNG101 (<i>Hind</i> III) |
| | TGTGAAGCTTTTTCTGAGCCGCGACTGAG | Forward primer to clone downstream region of SMDB11_2268 in pKNG101 (<i>Hind</i> III) |
| | TATAGGGCCCTGTTGCAGCGTGAC | Reverse primer to clone downstream region of SMDB11_2268 in pKNG101 (<i>Apa</i> I) |
| pSAN58 | TATATCTAGAAAGTGGCGACGCATTGG | Forward primer to amplify SMDB11_2267 3' end for generation of Fha-mCherry fusion construct by overlap PCR (<i>Xba</i> I) |
| | CCATGGTGGCGACCGGTGCTCCTGCTCCCGCGTCCG GTTTGGTC | Reverse primer to amplify SMDB11_2267 3' end for generation of Fha-mCherry fusion construct by overlap PCR |
| | GACCAAACCGGACGCGGGAGCAGGAGCACCGGTC GCCACCATGG | Forward primer to amplify <i>mCherry</i> gene from pmCherry-N1 (Clontech) for generation of Fha-mCherry fusion construct by overlap PCR |
| | CGGTTTGGTCTGTGAGTCTTTCTTGTACAGCTCGTC CATGCC | Reverse primer to amplify <i>mCherry</i> gene for generation of Fha-mCherry fusion construct by overlap PCR |
| | GGCATGGACGAGCTGTACAAGAAAGACTCACAGAC CAAACCG | Forward primer to amplify SMDB11_2267 downstream region for generation of Fha-mCherry fusion construct by overlap PCR |

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|--------|---|---|
| | TATAG <u>GGCCCC</u> GCAGCGACTGTTCCAGTTC | Reverse primer to amplify SMDB11_2267 downstream region for generation of Fha-mCherry fusion construct by overlap PCR (<i>Apa</i> I) |
| pSC833 | TATAT <u>CTAGAC</u> GCAGACCATCGATGAAATG | Forward primer to clone 3' end of SMDB11_2275 in pKNG101 (<i>Xba</i> I) |
| | ATATA <u>AAGCTT</u> TATGCATAATCAGGAACATCATAA GGATAAC | Reverse primer to clone 3' end of SMDB11_2275 incorporating C-terminal HA tag ² (amplified from pSC814) in pKNG101 (<i>Hind</i> III) |
| | ATATA <u>AAGCTT</u> CCCGTTCTGAAACTCCGC | Forward primer to clone region downstream of SMDB11_2275 in pKNG101 (<i>Hind</i> III) |
| | TATAG <u>GGCCCC</u> AAACTGCTTTCGTTGTAAGTGCACG | Reverse primer to clone region downstream of SMDB11_2275 in pKNG101 (<i>Apa</i> I) |
| pSC590 | TATA <u>AAGATCT</u> ATGAAATATTGGATGCCGGG | Forward primer to clone SMDB11_2269 in pSUPROM (<i>Bgl</i> II) |
| | TATAT <u>CTAGAG</u> CTTTCCTTATAATCAGTGAGTGGC | Reverse primer to clone SMDB11_2269 in pSUPROM (<i>Xba</i> I) |
| pSC701 | TATAG <u>GATCC</u> ATGAGCACTGATTCAAGCGC | Forward primer to clone SMDB11_2256 in pSUPROM (<i>Bam</i> HI) |
| | TATAT <u>CTAGAT</u> TAAATCAAACATTTGCGGGTACTG | Reverse primer to clone SMDB11_2256 in pSUPROM (<i>Xba</i> I) |
| pSC591 | TATAG <u>CATGCG</u> TAAAGAGGAGGTGCCATGAACTAT CGCCTGGTTTACTCC | Forward primer to clone SMDB11_2269 (amino acids 20-328) in pUT18 (<i>Sph</i> I) |
| | TATAT <u>CTAGAG</u> AGTGAGTGCGCGCCGTTAACC | Reverse primer to clone SMDB11_2269 (amino acids 20-328) in pUT18 (<i>Xba</i> I) |
| pSC593 | TATAG <u>CATGCG</u> TAAAGAGGAGGTGCCATGGGCGGC GAGGACGATAACC | Forward primer to clone SMDB11_2275 (amino acids 363-482) in pUT18 (<i>Sph</i> I) |
| | TATAT <u>CTAGAG</u> AACCGGCGGTGGCCGGATTGAC | Reverse primer to clone SMDB11_2275 (amino acids 363-482) in pUT18 (<i>Xba</i> I) |
| pSC592 | TATA <u>AAGATCT</u> AATGAACTATCGCCTGGTTTACTCC | Forward primer to clone SMDB11_2269 (amino acids 20-328) in pT25 (<i>Bgl</i> II) |
| | TATAG <u>GTACCT</u> CAGTGAGTGCGCCGTTAACC | Reverse primer to clone SMDB11_2269 (amino acids 20-328) in pT25 (<i>Kpn</i> I) |
| pSC594 | TATAG <u>GATCC</u> AGGCGGCGAGGACGATAACC | Forward primer to clone SMDB11_2275 (amino acids 363-482) in pUT25 (<i>Bam</i> HI) |
| | TATAG <u>GTACCT</u> TAAACCGGCGGTGGCCGGATTGAC | Reverse primer to clone SMDB11_2275 (amino acids 363-482) in pUT25 (<i>Kpn</i> I) |

¹Incorporated restriction sites for cloning into the respective vector are underlined.

²HA (haemagglutinin) tag shown in bold, immediately follows final amino acid of SMDB11_2275 (PpkA).