**S1 Table. Primer used in this work**

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| --- | --- |
| Name  | Sequence |
| 5\_SA\_srtA\_SalI  | CCCGTCGACAAACCACATATCGATAATTATCTTCACG |
| 3\_SA\_srtA\_NotI  | GGGGCGGCCGCTTATTTGACTTCTGTAGCTACAAAGATTTTAC |
| 5\_new\_plzMCS  | AATTCCCCAAGCTTCCCAGATCTAAACCGCGGAAACAGCTGAAACCATGGAAAGCATG |
| 3\_new\_plzMCS  | CTTTCCATGGTTTCAGCTGTTTCCGCGGTTTAGATCTGGGAAGCTTGGGG |
| 5\_Mp\_UTR\_EcoRI  | CGCGAATTCACAGCCTAGCCGCAGAAACTC |
| 3\_Mp\_Npart\_BglII | CGCAGATCTAGTTTCCTTCATTGGTGCTTTGTTTTG |
| 5\_Mp\_Cpart\_SacII  | TCACCGCGGCAGCCCTTACTGTTATGG |
| 3\_Mp\_Cpart\_SphI | CGCGCATGCTTAGTTTTCTTCTTTGCGTTTTACAAC |
| 5\_M\_mid\_HindIII  | AAAAAGCTTTAGAAGAAGCAAACAGCAAATTAG |
| 3\_M\_LPSTGE\_SacII  | CTGCCGCGGTGAAGAATGGGTTAG |
| 3\_M\_EGTSPL\_SacII  | CTGCCGCGGTGAAGAATGGGTTAGCTGTTAATGGTGATGTACCTTCCTGTCTCTTAGTTTCCTTCATTGGTGC |
| 3\_M\_TEPGSL\_SacII  | CTGCCGCGGTGAAGAATGGGTTAGCTGTTAATGAACCTGGTTCTGTCTGTCTCTTAGTTTCCTTCATTGGTGC |
| 5\_SclB\_up | TTATGAACGCGGGAAAATTATTG |
| 3\_SclB\_up | CGTCTTTACCATCCAGTAGTCTATCTTG |
| 5\_Cpa\_up | CGAAGTATACCTACTTCACTTGTGTCTG |
| 3\_Cpa\_up | TAAAAGTTAAGGTTGTTGTGATATCGTTTC |

* Restriction sites are marked with an underline.