**Forward**  **Reverse**

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| SmTAL4 | 5’-ATGGAACCATTCATTACTACATTTG-3’ | 5’-TCATGCATTTGTACGATAAATGA-3’ |
| SmTAL5 | 5’-ATGGAACCATTTGTTAATATTTTTTTT-3’ | 5’- TCAATGTTTAGGTGTGCGCC-3’ |
| SmTAL6 | 5’-ATGGACAATTTTATTGACATATTTTCA-3’ | 5’-TTATTCATTTCTACAATCTGGTGTTT-3’ |
| SmTAL7 | 5’-ATGATAAATATGGATGCATTTGTAG-3’ | 5’-TTAAGTATTCGGTGTTTTAAACAATAG-3’ |
| SmTAL8 | 5’-ATGTTGGAAGAATTTATCAAAGCAT-3’ | 5’-TTAACCTTTTGGTGTGCGCC-3’ |
| SmTAL9 | 5’-ATGGACTCGTTTTTGGACGC-3’ | 5’-TTAAGCAGAACATGGTGTTTTCCAT-3’ |
| SmTAL10 | 5’-ATGACTGAACAAGAAATTTTACATGC-3’ | 5’-CTAACAGCAACAACATCCTGC-3’ |
| SmTAL11 | 5’-ATGGATCCATTTTTACATGCAT-3’ | 5’-TTAACACAATTGATATTGACCAGGT-3’ |
| SmTAL12 | 5’-ATGGAAAAATTAATCGAATTATTC-3’ | 5’-TCAAGAGTTATATCTTTGTCCAG-3’ |
| SmTAL13 | 5’-ATGCAAACAATTCATAAACTAGATG-3’ | 5’-CTATTCTAAATCCGGAjjATCTTGTA-3’ |