

**Taxonomic lineage:** Brachycera > Muscomorpha > Ephydroidea > Drosophilidae > Drosophila > modified tarsi group > spoon tarsi subgroup  
**Assembly:** GCA\_035044385.1\_ASM3504438v1\_genomic

5' motif: GCGGT 3' motif: ATCGC Internal max. Poly-T: 3nt Trailing-T: 6nt PSE: 0.83

GGGGCGGTCGTGTTCCGGCAGTAAAAAGCGTTGGACACATCCCGTTCCTACTACCGCAAACTCGAATTTGTGTCCACTTTGGTTACACGCGCAAAATTCAGATTGAAAAAACCAATATACATTTCTCATCTCTGAAAGCAAA  
ACTCCAAAGCAAAATCAGACGAAATATGCAAAATATAAAAACACCATATATAAAACCGAAATACACGAAAGATCTAAAGCAAAAGATCGAAATCGCAAAATGATTAATACGACCAAAAAAATATACCAATCGCAACAAAAAATGTA  
AAAAACAACATAAAAACCAAAAAAATGCAACTAAATGTAACTAGGTTAAAAATCTGCTGTTGTTATCTACGACGCAAAAAAATCTCTGAAAAAATCTAAAAAAAATCTAAAAATCAAACTTCGATTTGGTGTGTTG  
TCCCGTTCTGTGTAATCTGACGCGGCCACAGTGCACCCCACTTAATGGGTTGATCTGACTACTATAAGAAAGGGGGTTCCCAATCGGGGCGCGGCTGACCTCTCTCAGACAGAGGTCGAGGAGGAGCACTTAAGAGAGGAACAA  
ACACACACACATCTGCTGCTCTGACGAGGAGAGAACAACTAACTGTGTGTGGGTGACTCGGTCGTGCTATTTGGGGTCGACTCATCTGCCCTCTCCTGTGACCTTTCTACGACATCTGTATTTGGATCAACTGGTCAAGCTTGA  
CCCCACCACTTGGGAAAAAGGCGGGTCGGGCGGCTGCACAAAATACCACTAGAGAGCTTTAGGCAAAATCTAAAGCAAAAGATATAAACCAAAAAACAAACAAAGATATTCAAGAAAAAGTCAACCAACTACTTAAT  
ACTGGGAAAAAGGAGGATGCAAAATACGACACACACCTTCGAAAAATGCACTCACTAAATACGACACATATCTGTGGGTGCTGCTGGAAATCTGATTTGTCGCCCTTTTTTT

[illegible]

Upstream promoter alignment showing conserved regions. Sequences include Pol III promoters (noeCR34335, Arthropod\_7SK, 7SL, RNase\_MRP, RNaseP\_nuc, U6, U6atac, tRNAsec, snoRNAme18SA1806) and Pol II promoters (U1, U2, U3, U4, U4atac, U5, U7, U8, U11, U12, OrCD1). Conserved positions are highlighted in the alignment.