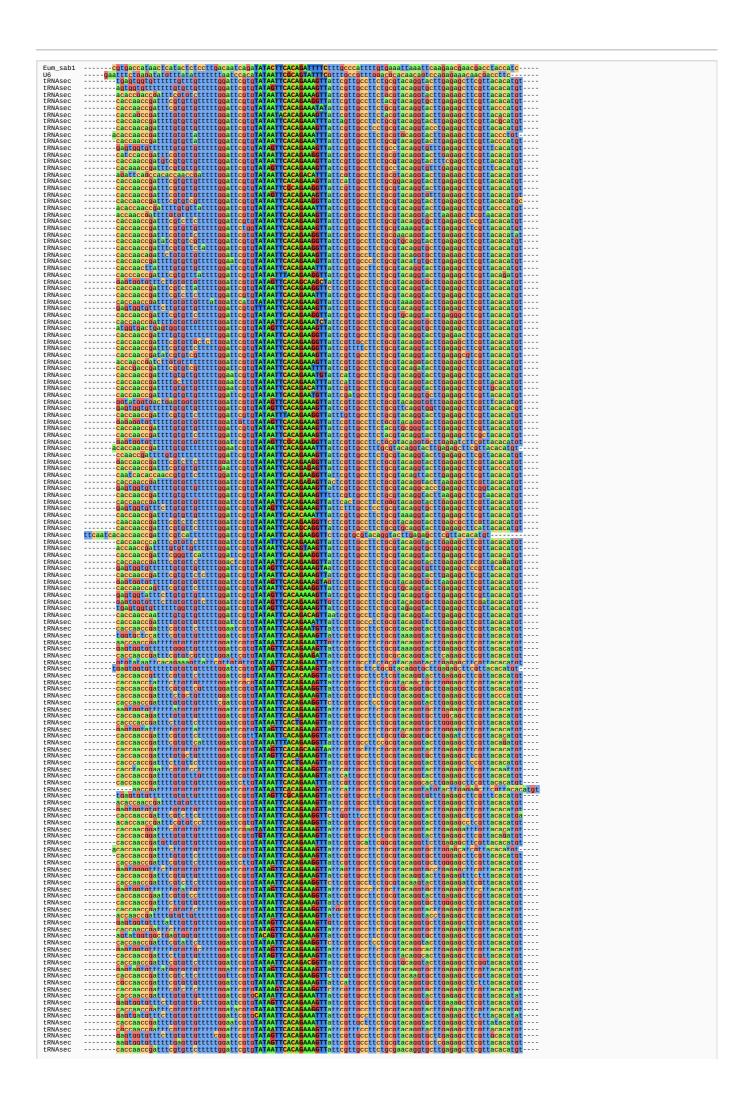
Eumerus sabulonum

Taxonomic lineage: Brachycera > Muscomorpha > Syrphoidea > Syrphidae > Eumerus

Assembly: GCA_951905685.1_idEumSabu1.1_genomic

Eum_sab1 | OX645064.1:76312061-76312323 (-) | 263 nt | IncRNA:noe consensus e-value: 1.3e-06

5' motif: GCGGT 3' motif: ATCGC Internal max. Poly-T: 3nt Trailing-T: 5nt PSE: 0.80



tRNAsec	<mark>caccaaccg</mark> atttcgtgttattttttggattcgtgTATAATTCACAGAAAGTTattcgttgccttctgcgtacaggtacttaagagcttcgtcacacatgt
tRNAsec	<mark>cattaaccu</mark> atttc <mark>ututtuttutuu</mark> attcutu <mark>taTAAATTCACAGAAAGTT</mark> attc <mark>uttucctttcucutacauutacttuauaucttcuttacacatu</mark> t
tRNAsec	<mark>caccaaccg</mark> attttgtgttttttggattcgta TATAATTCACAGAAGGTT attcgttgcgttctgcgtacaggtgcttggtgagagcttcgttacacatgt
tRNAsec	<mark>caccaaccq</mark> attttgtattgtttttc <mark>q</mark> attc <mark>qtqTATAATTCACAG</mark> AAAGTTattcqttgccttct <mark>qcqtacaqqtacttqaaaqtttcq</mark> ttacacatqt
tRNAsec	<mark>caccaacco</mark> attttotottottttttcoattttttcoatttotoTATAATTCACAGAAAGTTattcottoccttctococtacttoaaaocttcottacacatot
tRNAsec	caccaactuatttcutcttttttuuattcututtcuattcututttuuattcututcuttcut
tRNAsec	<mark>caccagccg</mark> atttcgtcttctttttggattc <mark>g</mark> tg TATAATTCACAGAAGGTT cttcgttgccttatgcgtacaggtgcttgagagcttcgttacacatgt
tRNAsec	<mark>caccaacc</mark> atttcutctttttuaattcututttaatttcaca <mark>GAAGGTT</mark> cttcuttuctucuttacttctucutaaaactutucttaattaa
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tRNAsec	<mark>acaccaacco</mark> atttcotottottitttooattcotott ATAATTCACAGAAGGTT attcottocottotocotacatoootacttoacacatot
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tRNAsec	<mark>acaccaaccgattttgtgtttttggattcgtgTATAACTCACAGAAAGTT</mark> attcgttgccttctgcgtacaggtacttgagagcttcgttacacatgt
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U1	<mark>caaaaacaattcacaucauacattttcactcu</mark> tcatt TACAATTCGCATTC uaucauucaaatutacaauauat <mark>uauttuataucuuaucauauca</mark>
Ü1	<mark>qctacqaatqaqqqqaattttttqttttcqattttctTATAATTCACATCCACTTq</mark> qtacaaaat <mark>qaqtacacaaaaqatqaqqcaaqqqcqaqaqc</mark>
U1	taggtagcactcgacaagagattttgctgtgtgtttatttctTATAATTCACATCCACTTggtacaaatgagtacacaaatgagcaagagcggaagcaaagc
U1	aaaaaaatatttütattüaaaaattaacatcatattTATAATTCACATTCACTTCaadcadtütütlattaaaaoutttütttütatüaaacagaaaac
U1	dadadad attituda tituda datu taka kita ka kita ka kita da
U1	aac <mark>gcac</mark> aaagagaagtattcatttttatattc <mark>g</mark> aga TATAATTCACAACCACTT tgaacacaatgcagagtaaatacgtgatcaagagcggagaaaagc
U1	<mark>cacaaadadaaataco</mark> tattaattttcatattcoada <mark>TATAATTCACAACCACTTc</mark> oaacacaat <mark>ocadadtaaataco</mark> tdatcaada <mark>ocodaaddaaaoc</mark>
U1	<mark>ccagtaccactcgacaagagattttgctctgatttctTATAATTCACATCCACTTggtacaaaatgagtacacaaatgaggcaagagcagagca</mark>
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Ŭ1	att <mark>uctacy</mark> tttgaaggacattttttcttgattttct TATGATTCACATCCACTT ggtacatycgaatycacaagaagtgaaccgaaagcgaaaagc
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U2 U2	taucaautaacctaccucaacattttaatccaaaaTATAATTCACATCCAGTAtctucaaaauuctuatatautacaautacuacutacaatacutacu
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U2	<mark>-tagcaaataacctactgcaaaattttaatccaaaaTATAATTCACATCCAGTAtctgcaaaaa<mark>g</mark>aat<mark>g</mark>ctgatatagtacaagtac<mark>gactgattacgacgttac</mark>gctggtt</mark>
U3	<mark>uctuauttcauttuttatatatattte</mark> actecae <mark>auTACAATTCACAGTCACTT</mark> caactaaate <mark>uu</mark> aa <mark>u</mark> ctaauttutteutaatt <mark>u</mark> ctuaattuaaattt
U4	a <mark>caac</mark> aaaaaaatatatactggattttgatttctgtt TATAATTCGCATTCACTT catgcagtaaaatatattagaggagtagtggcatacaaaacgtt
U4	at <mark>qqqqaaqaaqtaqqqqtaq</mark> atttttqaattcaqtq TATAATTCACATCCACTT cqtqcaaaaa <mark>q</mark> aaacqtaaqttqatqaqatttcttqtaqttcqtt
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U5	cacagtcgggggaatattcatattttttcgtttagtctTATAGTTCACACTCAGTTcggtcacagccgttgacaactatcggtagtgagcgccacaaacg
U5	accaact utcttttttttttacacttgttatattcgtCATAATTCACATTCACTTCactttatattcactaagtattcagtgattattcgcgggtattag
U5	<mark>u</mark> aactua <mark>cucatc</mark> uacuaaaatttcuttcaatucaa <mark>TATAATTCGCACCCASTT</mark> caaoctuattcacacctaautactacttutc <mark>uuuuaututuccu</mark>
Ü5	aactgacgcatcgacgaaaaaaatttcgttcaatgcaa <mark>TATAATTCGCACCCAGTT</mark> caagccgaccgacacctaagtactacttgtcagggagtgtggcg
U11	actgagtgctaaaatgcaggacatcgttaagttcgtt TATAATTCACATCTGCTT tgtgtatatcaagaatcaggttggttgtcaatttcgacgcgcgtt
U12	<mark>tcacctgaacgaggaacttgcttttccattcagtTATAGTTCACATCCACTT</mark> cagtaaccggttgcatactgtacggtgtgttggctggtgcgtactctc

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.