

Drosophila melanogaster AGO2 repeats at the N-terminus
cDNA: NM_140518

448 -GGTGGCCATCAGCAAGGACGACAAGGGCAAGAAGGTGGCTACCAACAGCGTCCGCTGGACAACAACAA
517 -GGTGGCCATCAGCAAGGACGACAAGGGCAAGAAGGTGGCTACCAACAGCGTCCGCTGGACAACAACAA
586 -GGTGGCCATCAGCAAGGACGACAAGGGCAAGAAGGTGGCTACCAACAGCGTCCGCTGGACAACAACAA
655 -GGTGGCCATCAGCAAGGACGACAAGGGCAAGAAGGTGGCTACCAACAGCGTCCGCTGGACAACAACAA
724 -GGTGGCCATCAGCAAGGACGACAAGGGCAAGAAGGTGGCTACCAACAGCGTCCGCTGGACAACAACAA
793 -GGTGGCCATCAGCAAGGACGACAAGGGCAAGAAGGTGGCTACCAACAGCGTCCGCTGGACAACAACAA
862 -GGTGGCCATCAGCAAGGACGACAAGGGCAAGAAGGTGGCTACCAACAGCGTCCGCTGGACAACAACAA
931 -GGTGGCCATCAGCAAGGACGACAAGGGCAAGAAGGTGGCTACCAACAGCGTCCGCTGGACAACAACAA
1000 -GGTGGCCATCAGCAAGGACGACAAGGGCAAGAAGGTGGCTACCAACAGCGTCCGCTGGACAACAACAA
1069 -GGTGGCCATCAGCAAGGACGACAAGGGCAAGAAGGTGGCTACCAACAGCGTCCGCTGGACAACAACAA
1138 -GGTGGCCATCAGCAAGGACGACAAGGGCAAGAAGGTGGCTACCAACAGCGTCCGCTGGACAACAACAA
1206 End of repeats

Protein sequence: NP_648775

120-GGHQQGRQGQGGYQQRPPGQQQ
143-GGHQQGRQGQEGGYQQRPPGQQQ
166-GGHQQGRQGQEGGYQQRPPGQQQ
189-GGHQQGRQGQEGGYQQRPPGQQQ
212-GGHQQGRQGQEGGYQQRPPGQQQ
235-GGHQQGRQGQEGGYQQRPPGQQQ
258-GGHQQGRQGQEGGYQQRPPGQQQ
281-GGHQQGRQGQEGGYQQRPPGQQQ
304-GGHQQGRQGQEGGYQQRPPGQQQ
327-GGHQQGRQGQEGGYQQRPPGQQQ
350-GGHQQGRQGQEGGYQQRPPGQQQ-372 End of repeats

Apis Mellifera, GeneID411577

partial mRNA: XM_395048

START 376-

AGTCCTCAACAAGGACAGACATATGATCAACAACAACAACATAGTTTCACGCAACAATCACATAGTCAAAAGCAACAGTCAAT
AGTCCTCAGCAACAAGCATGGAACTTAATCAACAACAACAACAAGTTACCGCAACAACCACATAGTCAAAGGCAACAGTTGGAT
AGTCCTCAGCAACAAGCATGGAGACTTAATCAGCAACAACAACAAGTTACCGCAACAACCACATAGTCAAAGCAACAATCGAAT
AGTCCTCAGCAACAAGCATGGAACTTAATCAACAACAACAACAAGTTACCGCAACAACCACATAGTCAAAGGCAACAGTCAAT
AGTCCTCAGCAACAAGCATGGAACTTAATCAACAACAACAACAAGTTACCGCAACAACCACATAGTCAAAGGCAACAGTCAAT
AGTCCTCAGCAACAAGCATGGAGACTTAATCAGCAACAACAACAACAAGTTACCGCAACAACCACATAGTCAAAGCAACAATCGAAT
T AGTCCTCAGCAACAAGTACGGAGACTTAATCAACAACAACAACAAGTTACCGCAACAACCACATAGTCAAAGGCAACAGTCAAT
AGTCCTCAGCAACAAGCATGGAACTTAATCAACAACAACAACAAGTTACCGCAACAACCACATAGTCAAAGGCAACAGTCAAT
AGTCCTCAGCAACAAGTATGGAGACTTAATCAACAACAACAACAACAATATTCACCAACAAGTTAGTATCTCACATCAACAATA
- 1248 END of repeats

Protein: XP_395048

START 60- SPQQQGQTYDQQQQHSSSQSHSQKQQSN
SPQQQAWKLNQQQQQSSPQQPHSQRQQLD
SPQQQAWRLNQQQQQSSPQQPHSQRQQSN
SPQQQVRRPNQQQQYSSPQQSHSQRQQSN
SPQQQAWKLNQQQQQSSPQQPHSQRQQSN
SPQQQAWRLNQQQQQSSPQQPHSQRQQLN
SPQQQAWRLNQQQQQSSPQQPHSQRQQSN
SPQQQVRRPNQQQQYSSPQQSHSQRQQSN
SPQQQAWKPNQQQQQSSPQQPHCQRQQSN
spqqqvwrrpnqqqqqhnsppqqsvisshqqi - 350 end of repeats