

Supplementary Figure S3. Alignments of superfamily members in the *Adalia bipunctata* satellitome. Asterisks indicate conserved positions.

AbipSat15-179	CAAGCTACAGTATTGAAACTATCTGGTGCAATATAGAGCGTTTATTCCCTCTTTGAAAAA	60
AbipSat25-176	CAAGCTACACTAGTGGAA-TTTCGGGCGTAATATAGAGCACTGCTTCCTCTTCACAAAAA	59
AbipSat29-174	CAAGCCACAGTAATGAAACTTT--GGCGGAACATAGAGCATCTATTCCCTCTTGAGAAAAA	58
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AbipSat15-179	AAATTACGAGGAGAGTTTGC GGCTGGTAAAATCAGGAGGAAAAATGGAATAAATCTGAAAA	120
AbipSat25-176	AAATTACGAGAGGAGTCTGCGGTGGTAGGATAAGGA--GAAAAAAAAATAAAATCTCCAAA	117
AbipSat29-174	ACATTACTTGGTGGATCTGCGAAGGTAAGATTAGGAGACACAAAA---TAAATATAGAA	115
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AbipSat15-179	AAAAAGTTTTGTTTTTCATTCAATCCACAAACTTTGAAAATTCGTAGCTGTGCTGTGGG	179
AbipSat25-176	AAAAAGTTTTTTATTGTTCAATTCCCTCAACTTTGAAAATTCGTAACGTGTCTGTGGG	176
AbipSat29-174	AAAAGTTCTTTTTTTCTACTAATTTTCGCAAACTTTGAAACTCCGTAATTGCTTCTGTGTG	174
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Superfamily 1		
AbipSat52-177	ATATGGAGTTGGATTCGTGCGAGAAAAATTCCTTTTTTGAAAAAAAAATTTTCGATTTTCT	60
AbipSat61-175	ATATTAATTTTTTATCGAGTTGTAAAAAGTTTTT-GGAAAAAAAAACGTTACATTTT-T	58
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AbipSat52-177	CGATTTTGTAATTCCTATGGCGTTTTGAATTAATTCAAAGCCATTTCTGAATAGAGTA	120
AbipSat61-175	CGTTCTCGTGGAATCCCTATGGCGTTTCGAATTAATTCATGAGCTTTTCTGAATAGAGTA	118
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AbipSat52-177	TTCTGTGTCGATATTTTCGGTGAGAAAAATTATCCGTGAAGGTCCAACAGTTTCGGAG	177
AbipSat61-175	TTTCTTGGCTGACATTTTCAGTGAAAAATGATTCATTACGACCAATAGTTCCGGAG	175
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Superfamily2		