

Table S1. Dopamine receptor primers for *H. saltator*

Receptor	Forward	Reverse
<i>Hsal-dop1</i>	TGACGAAGCTGCCGGAC	TGGTCGGACACGTGGTAAGG
<i>Hsal-dop2</i>	AATCTCTGGGAACTCGCGAC	CAAAGTAATTGGTCGCTGTGTG
<i>Hsal-dop3</i>	ATAGAAGAGTATGGCTGACG	GACAGGCTCGAGTAGATG
<i>Hsal-gapdh</i>	TATCAAGGCCAAGGTAAAGGA	CATACCACGAGATCAGCTTCA

Table S2. Dopamine receptor coding sequences (primer regions highlighted)

<i>HsalDop-1</i>	<p>ATGACCTTCGCCGGGGTCAACGACCTCCTCGGCTATTGGGTCTTCGGCTT GTGGTTCTGCGACATCTGGATCGCCTTCGATGTTATGTGCAGCACTGCCT CTATCCTCAATCTATGCGCCATCTCCCTCGACCGTTACATTACATTAAG GATCCCCTCAGGTACGGCCGTTGGGTGACTAGAAGAGTCGCTATCGGCGG TATCGCCGTCGTGTGGCTTTTAGCAGGACTCATATCCTTCGTACCGATCA GCCTAGATCTTCACAGGGCAGATCAACCGGCGCTCTATAATGACGGAATA GAGGAGCACCTACGTGTGCCCTAGACATTACACCCACTTACGCGTGGT GTCCTCTTGATATCTTTCTACGTGCCCTGCATCGTGATGTTGGGGATTT ATTGCAGGCTCTATTGCTACGCGCAGAAACACGTAAGGAGTATCCGAGCG GTGACGAAGCTGCCGGACACCTCCATGGCCAAGAGTTTTCGCTCCAAGAG CAGTCGCTGTAAGCCACCGAAGCCGCAACGAAGACGAAGCCGACTAGTC CTTACCACGTGTCCGACCACAAGGCCGCGATCACTGTCGGCGTAATCATG GGTGTGTTCTGATATGTTGGGTACCCTTCTTCTGCGTCAACATTGTGCG AGCCTACTGCAAACCTGCATACCTCTCCGAGCGTTCAGGTTCTCACGT GGCTCGGCTACAGTAACTCGGCCTTCAACCCGATAATCTACAGCATCTTC AACACTGAGTTCGGGAGGCGTTCAAGAGGATCCTCACGAAAGGAGCGCG CGCGAGGGGTAATCAGCCGTCGACCAGCGAATGCGGGGAGTTCCGCTCGG TGGTGGTGCAGAAACGCAACGGCTCCATGGTCGAGTGCAACATCAGTCCA AGGTCGAGCGCGGACAGCTGCCAGGTCGGCGTCATGGCTCAAAGGCATCG CGACACTATCGTCAGCGCCATATAA</p>
<i>HsalDop-2</i>	<p>ATGAACGACAGCGAGATCTATTTACTGAGCTGGGAAGACGAGGTACACGC AACAAACAACGACGATCTCGGCAGGAGCTTTTACAACGCAAGCTATCCGC CGTTCAACAGCAGCTACGAGAATCTCTGGGAACTCGCGACTGATCGCGCC GGACTCGCGATCGTTCTCCTGCTCTTCTCCGTAGCGACCGTCTTCGGCAA CACGCTGGTGATATTGGCGGTGTTACAGGGAACGGTACCTGCACACAGCGA CCAATTACTTTGTAACTCATTGGCCTTCGCCGATTGCCTGGTCGGCCTG GTGGTGATGCCGTTACGCGCGGTTTACGAGGTGCTGGAGAACCCTGGCT CTTCACGACCGACTGGTGCGACGTGTGGCGCTCGTTGGACGATTATTCT CCACCGTCCATCCTGAATCTGTGCGTCATCAGTTTGGACCGTTACTGG GCGATCACCGATCCGTTACGATATCCGACGCGGATGAGCCGAAACGCGC GGCCATCCTCATCGCGATCGTGTGGATCTGCTCGAGCGCGATCTCCTTCC CGCGGATCGCCTGGTGGCGGGCGGTGCGGACCGAACAAGTGCCCGAGGAC AAGTGCCCGTTACAGGAGAACCCTCGGCTACCTCATCTTCTCGTCGACAAT CAGCTTCTACCTGCCGCTCTTCGTATGGTGTTCACGTATTACCGAATCT ATCGCGCCCGCGTGATACAGACGAGGAGCCTGAAGCTCGGTACGAAGCAA GTGATGATGGCCTCGGGCGAGCTCGAGCTCACTCTGAGGATACACCGGGG TGGTGGTACCAACACCGACGCCCGCCACCTCTTTCGAACCACTTCGAGCA CGCCCGAGGAGCTGCAGGATCTCGAGGAGCCGCTAACC GCGCTTACAAC AACGGTCTCACCCGGGTGCCGTCCGCGAGGCACACCATCAACAACAAGCA ACACCTCGGTAAAACTTCTCCTTGTGCGCAAGCTCGCCAAATTCGCCA AGGAGAAGAAGGCGGCCAAGACTTTGGGCATCGTCATGGGCGTCTTCATC ATCTGCTGGCTGCCGTTCTTCGTGCTGAATCTATGGTCGGGATTCTGCAC</p>

	GAGGTGCATCTGGCAGGAAGAGATAGTATCCGCGGCCGTCACATGGCTCG GTTGGATTAATAGTGAATGAATCCCCTGATATACGCTTGCTGGAGCAGG GACTTCCGTAGGTGA
HsaDop-3	GTGTTTCTGCAGGTGAACGGATCTTGGAGTCTGCCTGGATTTGTTTGTGA CTTTTACATCGCAATGGATGTGACTTGCAGTACCAGCTCCATATTC AAC TCGTGGCTATTTCCATAGACAGATACATAGCGGTGACCCAGCCGATAAAG TACGCGAAGCACAAGAACAATAGAAGAGTATGGCTGACGATACTGTTGGT CTGGGCGATATCGGCCGCGATCGGCAGCCCGATTGTCCTAGGCTTGAATA ACACCCCGACCGGATACCGGACCAATGTCTGTTCTACAATACGGATTTT ATCATCTACTCGAGCCTGTCCAGCTTCTACATACCCTGCATCATCATGGT ATTCTCTATTATAATATATTCAAGGCTCTGCGAAATAGAGCGGAGAAGGG CTCGTGCTAGCAAAAAACCGAATTTAGGCGATATAAAACCGGGAAGCATC ATCGAGAACATCGCACACACGCGCAGGTTTGCAGAAACGGCGTTGGGGGC GGCCGCCTTAGTGGCTCCTGGAATCGAGGAACCGACAAACACCGCTTCCG GCAGCAATGAGGACGAGGACGAGACACCCCTCGATCCCGTCGTCTCATC TCCAACGACAAGAGCACGGAATTTCTTTCTGGCCACGGTCGTTCGAGGAAGC AGCCGCGGTGGCGCAAGCCAGCTGAGCGGGACGCCCCACGTTTCGCAAAG ATTCCGTTACGACGGCGCGGCGAGCAGCACGATGATCCACGAACCCCTC GAGACGAATTCCAGCCCGAGCCCGAACCCGCGGATCACCTCGGCTCCGTC GTCGTGACCTCGTCGTGCGCGCCGCGGACGAGAGGTGCGACCAGCGTCT CGTCGCAGACGAAGAAGAACGGCAACGGCAGCACGAACAAGCAGGAGCTC AAGAGACTGAAGAGTGCCGGCTCGCTATTGCCGCTGCAGCTCGCGAGGAC GCCAGCGTGCTGTCGTCCGCGGCAAGAAGGACCGCAAGAAGCCTCGG CCGGGTCAAGGTTACGATATAAAGGCCAACAAGGCCAGAAAAAGAAG AGAGAGAAGAGTTCGGCCAAGAAGGAGCGCAAGGCCACGAAGACTCTAGC GATCGTGTTAGGGGTCTTTCTGATATGCTGGGTACCCTTCTTACCTGCA ACATCATGGATGCAATCTGCACGAACTGACGAAGGCCTGTCAGCCTGGT GTTACAGCTTTTATCATCACCTCCTGGTTGGGTTATATGAACAGCTTTGT GAATCCCGTAATATACACTGTGTTCAACCCCGAGTTCGCAAGGCCTTCC GCAAGTTGATCAGCGTGTA

Table S3. Dopamine receptor protein sequences

HsaDop-1	MTFAGVNDLLGYWVFLWFCDIWIAFDVMCSTASILNLCASLDRYIHIKDPLRYGRWV TRRVAIGGIAVVWLLAGLISFVPISLDLHRADQPALYNDGIEEHPTCALDITPTYAVVSSC ISFYVPCIVMLGIYCRLYCYAQKHVRSIRAVTKLPDTSMAKSFRSKSSRCKPPKPKTKT KPTSPYHVSDHKAITVGVIMGVFLICWVPPFCVNIVAAYCKTCIPLRAFQVLTWLGYSN SAFNPIIYSIFNTEFREAFAKRILTKGARARGNQPSTSECGEFRSVVVQKRNGSMVECN SPRSSADSCQVGVMAQRHRDTIVSAI
HsaDop-2	MNDSEIYLLSWEDEVHATNNDLGRSFYNASYPPFNSSYENLWELATDRAGLAIVLLLF SVATVFGNTLVILAVFRERYLHTATNYFVTSLAFADCLVGLVMPFSAVYEVLNRWLF TTDWCWVWVSLDVLVSTASILNLCVISLDRYWAIDPFTYPTMRMSRKRAAILIAIWWICSS AISFPAIAWWRVVRTEQVPEDKCPFTENLGYLIFSSTISFYLPFVVMVFTYYRIYRAAVIQ TRSLKLGTKQVMMASGELELTRIHRGGGTNTDARHLFRSSTPEELQDLEELTALH NGLTRVPSARHTINNKQHLGKNFSLSRKLAKFAKEKKAAKTLGIVMGVFIICWLPFFV NLWSGFCTRCIWQEEIVSAAVTWLGWINSGMNPVIYACWSRDFRR
HsaDop-3	VFLQVNGSWSLPGFVCFYIAMDVTCSTSSIFNLVAISIDRYIAVTQPIKYAKHKNNRRV WLTILLVWAISAAIGSPIVLGNNTDPRIPDQCLFYNTDFIYSSLSSFYIPCIIMVFLYYNIF KALRNRRARRARASKKPNLGDIKPGSIIENIAHTRRFAETALGAAALVAPGIEEPTNTASG SNEDEDETPLDPVVVISNDKSTEFFLATVVEEAAVAQAQLSGTPHVRKDSGYDGAAS STMIHEPLETNSSPSNPRIITSAPSSSTSSSPPPTRGATSVSSQTKKNGNGSTNKQEL

	KRLKSAGSLLPLQLARTPSVLSSAGKKDRKNASAGSRFTIYKANKASKKKREKSSAKKE RKATKTLAIVLGVFLICWVPFFTCNIMDAICTKLTACQPGVTAFIITSWLGYMNSFVNPV IYTVFNPEFRKAFRKLISV
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