

Drosophila Hox Domain Name	% identity	Sf_TR2012b ID	Size (nts)	Best Blastx	E-value
HDRp1842 Dil Distal-less Drosophila	100	c12466	1186	>gi 357608245 gb EHJ65890,1 Distal-less Dil limb-patterning protein [Danaus plexippus]	2,00E-124
HDRp1805 Awh Arrowhead Drosophila	46.3				
HDRp1789 onecut onecut Drosophila	32.69	c17432	421	>gi 512934125 ref XP_004932958,1 PREDICTED: zinc finger homeobox protein 3-like [Bombyx mori]	2,00E-60
HDRp1768 tup tailup Drosophila	96	c20198	975	>gi 512898223 ref XP_004924347,1 PREDICTED: insulin gene enhancer protein ISL-1-like [Bombyx mori]	4,00E-52
HDRp1807 ara aracuan Drosophila	100				
HDRp1817 caup caupolican Drosophila	98.33				
HDRp528 mirr mirror Drosophila	96.67	c21575	936	>gi 512921196 ref XP_004929820,1 PREDICTED: homeobox protein aracuan-like [Bombyx mori]	1,00E-135
HDRp1765 achi achintya Drosophila	45.16				
HDRp1797 vis vismay Drosophila	45.16				
HDRp1787 zfh1 Zn finger homeodomain 1 Drosophila	69.05	c24034	697	>gi 357614270 gb EHJ68998,1 putative zinc finger protein [Danaus plexippus]	9,00E-84
HDRp1808 dve defective proventriculus Drosophila	42.31	c25458	1022	>gi 357627828 gb EHJ77379,1 hypothetical protein KGM_06737 [Danaus plexippus]	9,00E-30
HDRp1830 repo reversed polarity Drosophila	96.08				
HDRp1825 Rx Retinal Homeobox Drosophila	74.51				
HDRp1791 hbn homeobrain Drosophila	74.51				
HDRp1784 CG33980 CG33980 Drosophila	70.59				
HDRp1831 unc-4 unc-4 Drosophila	70.59	c25575	735	>gi 357626860 gb EHJ76772,1 hypothetical protein KGM_02204 [Danaus plexippus]	3,00E-78
HDRp1843 CG4136 CG4136 Drosophila	69.39				
HDRp1832 OdsH Ods-site homeobox Drosophila	64.71				
HDRp1827 Gsc Goosecoid Drosophila	63.27				
HDRp426 al aristalless Drosophila	92				
HDRp1780 Pph13 PvuII-PstI homology 13 Drosophila	78	c27936	644	>gi 357614287 gb EHJ69003,1 paired-like family homeodomain transcription factor [Danaus plexippus]	9,00E-37
HDRp1812 pb proboscipedia Drosophila	97.67	c29970	330	>gi 167234210 ref NP_001107807,1 maxillopedia [Tribolium castaneum]	3,00E-36
HDRp1811 inv invected Drosophila	76.92	c31882	455	>gi 223268546 emb CAX36786,1 engrailed protein [Papilio dardanus]	2,00E-30
HDRp1809 vvl Drosophila	89.58				
HDRp1792 nub nubbin Drosophila	55.1				
HDRp1804 acj6 abnormal chemosensory jump 6 Drosophila	44	c40494	412	>gi 195588294 ref XP_002083893,1 GD13969 [Drosophila simulans]	1,00E-43
HDRp1826 pdm2 POU domain protein 2 Drosophila	42.86				
HDRp1799 pdm3 pou domain protein 3 Drosophila	40.38				
HDRp434 exd extradenticle Drosophila	100	c9983	1015	>gi 512916571 ref XP_004928672,1 PREDICTED: homeobox protein extradenticle isoform X3 [Bombyx mori]	1,00E-59
HDRp440 eve even-skipped Drosophila	57.63	joint2_c3846	860	>gi 512924353 ref XP_004930574,1 PREDICTED: homeobox protein Hox-D3-like [Bombyx mori]	5,00E-19
HDRp1764 CG7056 CG7056 Drosophila	75.86				
HDRp1781 Six4 Six4 Drosophila	35.42	joint2_c4772	907	>gi 357624439 gb EHJ75221,1 hypothetical protein KGM_13906 [Danaus plexippus]	1,00E-37
HDRp1806 Lim1 Drosophila	93.33				
HDRp1761 Lim3 Lim3 Drosophila	70.18				
HDRp1798 CG32105 CG32105 Drosophila	50.88				
HDRp1802 ap apterous Drosophila	49.09	joint2_c6386	1450	>gi 512917506 ref XP_004928903,1 PREDICTED: LIM/homeobox protein Lhx1-like [Bombyx mori]	0,00E+00
HDRp1793 CG4328 CG4328 Drosophila	47.37				
HDRp1783 zfh2 Zn finger homeodomain 2 Drosophila	35.19				
HDRp1763 unpg unplugged Drosophila	94.23	joint2_c6864	523	>gi 389614519 dbj BAM20307,1 homeobox protein unplugged, partial [Papilio xuthus]	6,00E-29
HDRp1769 gsb gooseberry Drosophila	88.33				
HDRp1796 gsb-n gooseberry-neuro Drosophila	86.44				
HDRp500 prd paired Drosophila	83.05				
HDRp1816 CG34340 Drosophila	70.69				
HDRp1841 PHDP Putative homeodomain protein Drosophila	67.8				
HDRp1766 CG9876 CG9876 Drosophila	66.67				
HDRp1777 CG32532 CG32532 Drosophila	64.41				
HDRp1773 CG34367 Drosophila	64.41	joint2_c7036	1228	>gi 512929372 ref XP_004931804,1 PREDICTED: protein gooseberry-like [Bombyx mori]	4,00E-127
HDRp1803 eyg eyegone Drosophila	62.07				
HDRp1818 toe twin of eyg Drosophila	62.07				
HDRp1790 Ptx1 Ptx1 Drosophila	61.02				
HDRp1837 oc ocelliless Drosophila	60				
HDRp491 ey Drosophila	59.65				

HDRp1778 toy twin of eyeless Drosophila	59.65						
HDRp1782 ct cut Drosophila	40.68						
HDRp1833 lbe ladybird early Drosophila	95						
HDRp1823 lbl ladybird late Drosophila	95						
HDRp1814 B-H2 BarH2 Drosophila	62.07	joint2_c8241	1012	>gi 512934804 ref XP_004933121,1 PREDICTED: transcription factor LBX1-like [Bombyx mori]			1,00E-88
HDRp1788 B-H1 BarH1 Drosophila	60.34						
HDRp1815 CG11617 CG11617 Drosophila	74.29	joint2_c9026	867	>gi 357611643 gb EHJ67580,1 hypothetical protein KGM_02032 [Danaus plexippus]			4,00E-61
HDRp1795 Lag1 Longevity assurance Drosophila	58.82	joint2_c9378	2272	>gi 512921866 ref XP_004929979,1 PREDICTED: probable serine/threonine-protein kinase tsuA-like [Bombyx mori]			6,00E-115
HDRp481 lab labial Drosophila	91.38	joint2_rep_c1029	2583	>gi 357605492 gb EHJ64645,1 hypothetical protein KGM_10843 [Danaus plexippus]			1,00E-68
HDRp1840 cad caudal Drosophila	84.75	joint2_rep_c611	799	>gi 52693900 dbj BAD51739,1 caudal [Gryllus bimaculatus]			3,00E-29
HDRp1775 hth homothorax Drosophila	98.08						
HDRp503 so sine oculis Drosophila	42.86	joint2_rep_c7818	896	>gi 576938426 dbj BAO48186,1 homothorax [Bombyx mori]			1,00E-96
HDRp1776 Optix Optix Drosophila	37.04						
HDRp1820 otp orthopedia Drosophila	100	L13602_T1	220	>gi 319891032 gb ADV76083,1 orthopedia [Biston betularia]			1,00E-29
HDRp1800 CG11294 CG11294 Drosophila	68.09						
HDRp436 bap Drosophila	88.33						
HDRp512 vnd Drosophila	68.33						
HDRp1771 Hmx Drosophila	66.1						
HDRp1834 scro scarecrow Drosophila	66.1						
HDRp513 tin tinman Drosophila	60.34						
HDRp1844 CG12361 CG12361 Drosophila	58.82						
HDRp1838 CG11085 CG11085 Drosophila	56.9	L17218_T1	326	>gi 512934812 ref XP_004933123,1 PREDICTED: homeobox protein bagpipe-like [Bombyx mori]			2,00E-46
HDRp1770 bsh brain-specific homeobox Drosophila	55.93						
HDRp1821 H2,0 Homeodomain protein 2,0 Drosophila	55.77						
HDRp1794 C15 C15 Drosophila	55.17						
HDRp1828 HGTX HGTX Drosophila	52.54						
HDRp1785 CG14578 CG14578 Drosophila	50						
HDRp1370 bcd bicoid Drosophila	50						
HDRp1822 Dr Drop Drosophila	81.03						
HDRp1836 CG15696 CG15696 Drosophila	53.45	L330_T3	755	>gi 357603008 gb EHJ63592,1 hypothetical protein KGM_02241 [Danaus plexippus]			4,00E-24
HDRp1835 CG34031 CG34031 Drosophila	53.33						
HDRp441 Dfd Deformed Drosophila	100						
HDRp435 ftz fushi-tarazu Drosophila	84.78						
HDRp1813 Scr Sex combs reduced Drosophila	83.33						
HDRp427 Antp Antennapedia Drosophila	83.05						
HDRp1829 Ubx Ultrabithorax Drosophila	82.61						
HDRp511 Ubx Drosophila	82.61						
HDRp1839 abd-A abdominal A Drosophila	77.59						
HDRp510 zen zercknult Drosophila	68.97	L6902_T1	534	>gi 112983614 ref NP_001037341,1 transcription factor deformed [Bombyx mori]			3,00E-107
HDRp1810 ind intermediate neuroblasts defective Drosophila	67.24						
HDRp1801 zen2 zercknult-related Drosophila	63.33						
HDRp1819 exex extra-extra Drosophila	62.07						
HDRp1767 ro rough Drosophila	60						
HDRp1760 btn buttonless Drosophila	57.89						
HDRp452 en engrailed Drosophila	55.17						
HDRp1762 Abd-B Abdominal-B Drosophila	54.24						
HDRp1772 E5 E5 Drosophila	61.4						
HDRp1824 ems empty spiracles Drosophila	59.65	rep_c11157	497	>gi 512935737 ref XP_004933347,1 PREDICTED: barH-like 1 homeobox protein-like [Bombyx mori]			3,00E-59
HDRp1779 NK7,1 NK7,1 Drosophila	57.89						
HDRp1845 CG18599 CG18599 Drosophila	50						
HDRp1774 CG13424 CG13424 Drosophila	79.66	rep_c5853	511	>gi 512935737 ref XP_004933347,1 PREDICTED: barH-like 1 homeobox protein-like [Bombyx mori]			7,00E-51
HDRp1786 slou slouch Drosophila	63.79						
HDRp501 pros prospero Drosophila	100	rep_c9681	1206	>gi 357619048 gb EHJ71784,1 hypothetical protein KGM_10139 [Danaus plexippus]			3,00E-104