Figure S6 - Graphical representation and list of motifs identified by MEME analysis
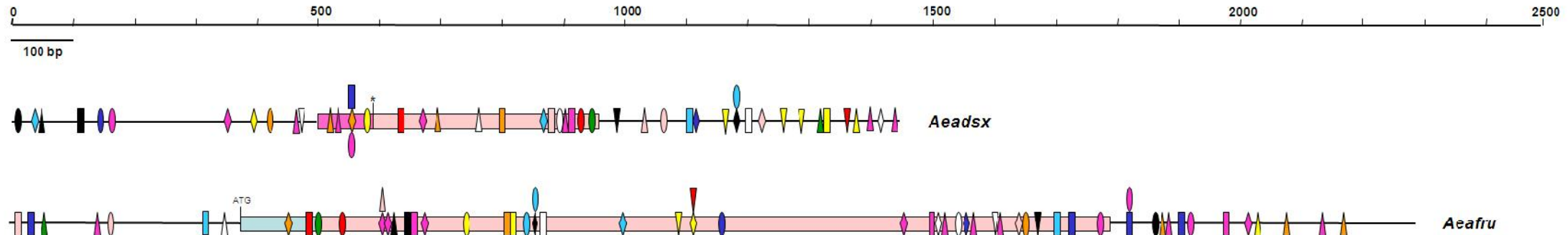
ID	Gene	Start	Sequence	P-value
Motif 1	Aeadsx	1428	AACATCCATCCGAAA	2.64e-09
	Aeafru	1518	AACAACCATCCGAAA	6.13e-09
Motif 2	Aeadsx	1183	ACGATAATAGCGGACA	4.07e-09
	Aeafru	852	ACGATAATAACGTCA	7.10e-09
Motif 3	Aeadsx	397	CGTTTCGTCGAAC	2.20e-08
	Aeafru	1119	TGTTTCGTCGAAC	8.32e-08
Motif 4	Aeadsx	1125	ACGAACGCGAC	1.90e-07
	Aeafru	1557	ACGAACGCCAC	3.92e-07
Motif 5	Aeafru	616	CGATCGTGTC	3.91e-07
	Aeadsx	351	AGATCGTGTC	1.03e-06
	Aeafru	604	CGATCGCGTC	3.20e-06
	Aeafru	2021	CGTTCGTGTC	4.81e-06
	Aeadsx	671	AGATCGATTC	9.52e-06
	Aeafru	1454	TGATCGATTC	1.52e-05
Motif 6	Aeafru	997	TACAATTGTG	1.34e-06
	Aeadsx	40	TAAAATTGTG	3.52e-06
	Aeadsx	869	TACAATCGTG	5.40e-06
Motif 7	Aeafru	444	ACGGTGTCGA	4.86e-07
	Aeadsx	552	ACGGTGTAGA	2.53e-06
Motif 8	Aeadsx	1228	TCTACTTGTG	6.25e-07
	Aeafru	1639	TCTACTAGTG	1.45e-06
Motif 9	Aeafru	873	GCAGCAATTC	8.20e-06
	Aeadsx	1199	GCAGCCATTC	1.05e-05
Motif 10	Aeadsx	120	GAGCCTGAAT	8.40e-07
	Aeafru	643	GAGCTTGAAT	1.87e-06
Motif 11	Aeafru	488	TCGCACCGAA	7.31e-07
	Aeadsx	639	TCGAACCGAA	1.92e-06
Motif 12	Aeadsx	1331	AGCAGTAGTA	1.36e-06
	Aeafru	819	AGCAGTACTA	2.81e-06
Motif 13	Aeafru	34	CGCCGCTGT	1.82e-06
	Aeafru	1907	CGCCACTGT	4.98e-06
	Aeadsx	550	CGACGGTGT	1.03e-05
	Aeafru	1736	GGCCACTGT	2.42e-05
	Aeafru	1824	CGACGGTTT	2.81e-05

ID	Gene	Start	Sequence	P-value
Motif 14	Aeafru	1977	GGGAAACAG	4.07e-06
	Aeadsx	917	GTGAAACAG	9.39e-06
	Aeafru	656	GGGAAACAC	2.17e-05
	Aeadsx	1499	GGGAAACCG	1.43e-05
Motif 15	Aeadsx	1107	CTTCTCCTT	2.10e-06
	Aeafru	322	CCTCTCCTT	5.42e-06
Motif 16	Aeafru	1700	CTTCTCCCT	7.13e-06
	Aeadsx	801	GCAAAGCAG	4.34e-06
Motif 17	Aeafru	815	GAAAAGCAG	1.14e-05
	Aeadsx	875	CGTGGGTAT	1.75e-06
Motif 18	Aeafru	14	CGTTGGTAT	4.05e-06
	Aeafru	358	GCAAGTTCT	3.24e-06
Motif 19	Aeadsx	768	GCAAGTTCA	7.52e-06
	Aeadsx	46	TGTGCATTT	2.99e-06
Motif 20	Aeafru	627	TGTACATTT	8.17e-06
	Aeadsx	1375	TGTGTTCCA	2.44e-06
Motif 21	Aeafru	2032	TGTCTTCCA	5.05e-06
	Aeafru	50	GTGGTACTT	2.29e-06
	Aeadsx	1335	GTAGTACTT	6.25e-06
Motif 22	Aeadsx	464	ATCCGAAA	2.89e-05
	Aeadsx	537	ATCTGAAC	1.10e-05
	Aeadsx	907	ACCGGAAA	1.02e-04
	Aeadsx	1390	ACCGGAAA	1.02e-04
	Aeadsx	1435	ATCCGAAA	2.89e-05
	Aeafru	142	ATCTGAAA	1.37e-04
	Aeafru	1525	ATCCGAAA	2.89e-05
	Aeafru	1568	ATCCGAAA	2.89e-05
	Aeafru	1609	ATCCGAAA	2.89e-05
	Aeafru	1891	ATCGGAAA	5.61e-05
	Aeafru	2130	ATCGGAAA	5.61e-05
Motif 23	Aeadsx	527	CGATTGCA	2.94e-05
	Aeadsx	696	CGAATGCA	1.67e-05
	Aeafru	1882	TGAATGCA	4.99e-05
	Aeafru	2074	CGATTGCA	2.94e-05
	Aeafru	2167	TGAATGCA	4.99e-05

ID	Gene	Start	Sequence	P-value
Motif 24	Aeadsx	1126	CGAACGCG	1.39e-05
	Aeafru	604	CGATCGCG	5.97e-06
Motif 25	Aeadsx	892	GTTCGTCA	9.54e-06
	Aeafru	1549	GTTCGTCA	9.54e-06
Motif 26	Aeadsx	26	CATGGTGT	1.58e-05
	Aeafru	1865	CATGGTGG	6.85e-06
Motif 27	Aeadsx	932	GCCAACCT	1.94e-05
	Aeafru	546	GCCAACCG	8.42e-06
Motif 28	Aeadsx	578	CGCCAGTC	1.16e-05
	Aeafru	747	CGCCAGCC	5.19e-06
Motif 29	Aeadsx	951	ATGTTGAG	1.45e-05
	Aeafru	501	ATGTTGAG	1.45e-05
Motif 30	Aeadsx	140	TGTAGTGA	1.45e-05
	Aeafru	1159	TGTAGTGA	1.45e-05
Motif 31	Aeadsx	164	GACGGTTT	8.95e-06
	Aeadsx	551	GACGGTGT	3.33e-05
	Aeafru	1771	GGCGGTTT	1.41e-05
	Aeafru	1825	GACGGTTT	8.95e-06
	Aeafru	1918	GCCGGGTT	4.97e-05
Motif 32	Aeadsx	1184	CGATAATA	3.55e-05
	Aeafru	840	CGATAATA	3.55e-05
	Aeafru	853	CGATAATA	3.55e-05
Motif 33	Aeadsx	426	TGCAACTG	2.04e-05
	Aeafru	1647	TGCACCTG	7.79e-06
Motif 34	Aeafru	1060	TGAAATGT	4.43e-05
	Aeafru	166	GCAAATGT	1.92e-05
Motif 35	Aeadsx	478	ACTGTTCT	1.25e-05
	Aeafru	1601	ACTGTTCT	1.25e-05
Motif 36	Aeadsx	983	CACGGGTG	1.02e-05
	Aeafru	1675	CACGGGCG	4.57e-06
Motif 37	Aeadsx	1357	GTGTTTCG	6.76e-06
	Aeafru	1118	GTGTTTCG	6.76e-06
Motif 38	Aeadsx	1166	AGTGCAAA	2.71e-05
	Aeadsx	1263	AGTGCAAA	2.71e-05
	Aeadsx	1288	AGTGCAAA	2.71e-05
	Aeafru	1089	AGTGCACA	4.39e-05