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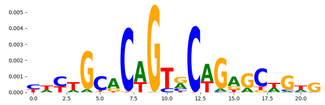
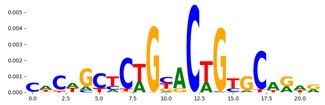
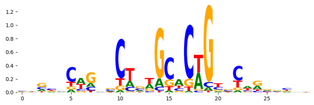
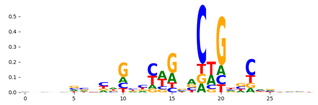
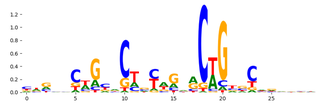
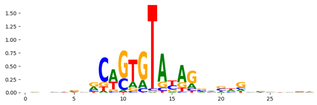
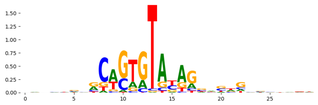
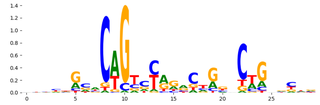
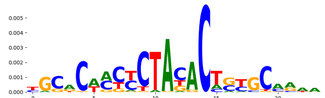
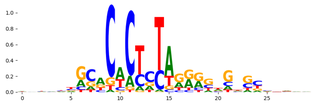
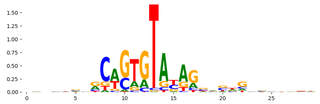
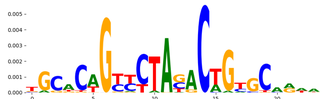
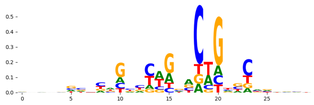
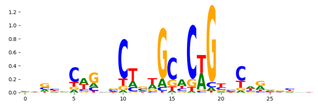
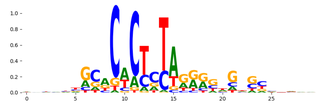
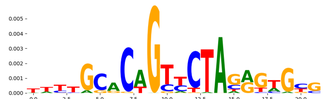
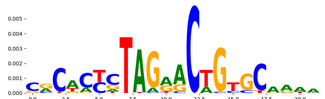
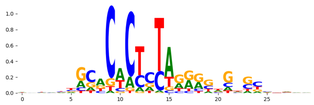
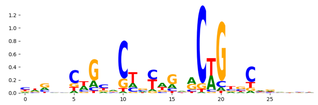
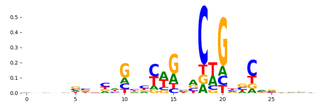
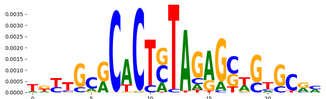
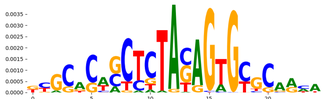
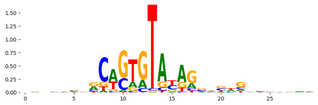
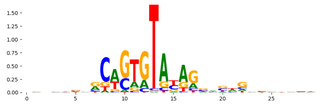
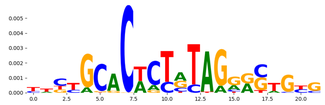
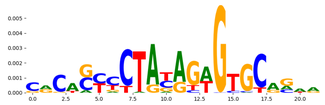
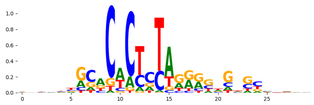
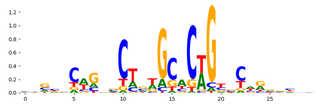
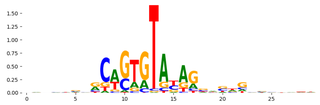
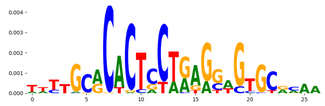
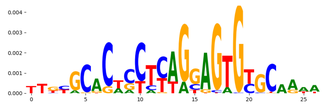
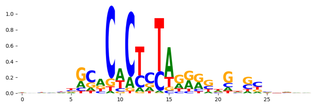
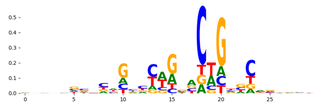
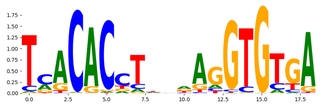
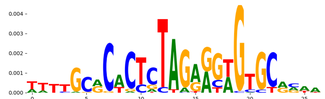
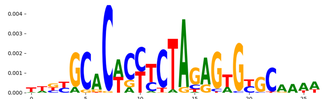
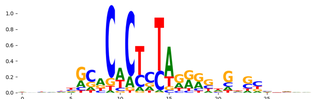
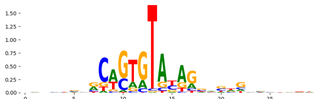
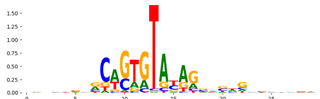
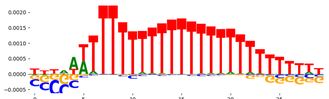
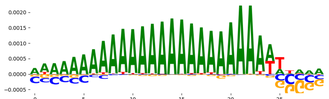
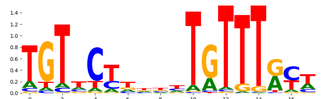
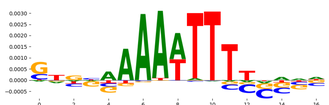
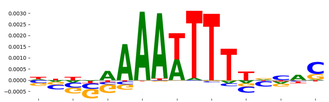
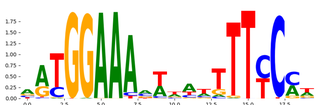
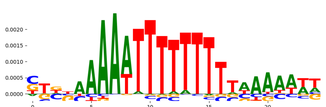
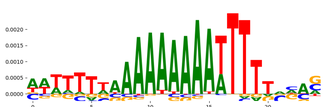
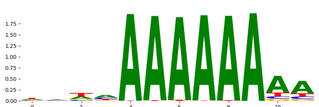
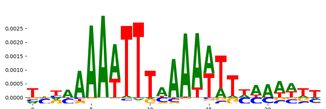
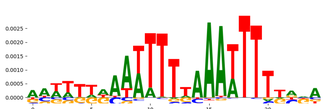
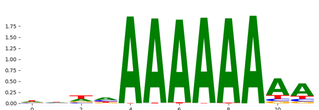
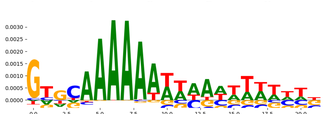
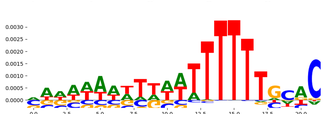
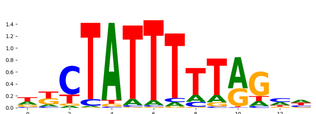
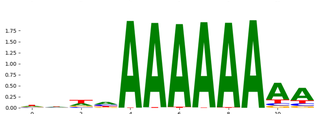
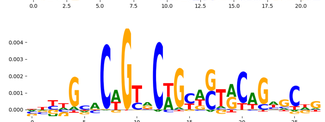
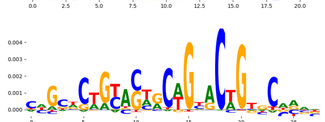
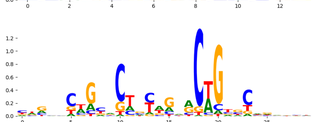
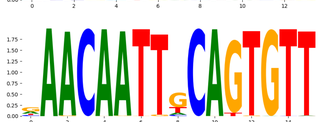
pos_patterns.pattern_0	9333			TNS_2	1.708290e-06		TNS_1	0.000029		TNS_7	0.000469	
pos_patterns.pattern_1	6211			TNS_4	2.383960e-02		TNS_5	0.023840		TNS_8	0.041770	
pos_patterns.pattern_2	3883			TNS_3	1.530650e-01		KLF4_MA0039.3	0.153065		TNS_4	0.153065	
pos_patterns.pattern_3	3813			TNS_1	2.463760e-05		TNS_2	0.000025		TNS_3	0.000356	
pos_patterns.pattern_4	2820			TNS_3	1.633020e-03		TNS_7	0.002835		TNS_1	0.048250	
pos_patterns.pattern_5	1938			TNS_3	1.059630e-10		TNS_4	0.000126		TNS_5	0.000126	
pos_patterns.pattern_6	1108			TNS_3	2.597330e-07		TNS_2	0.239226		TNS_4	0.487056	
pos_patterns.pattern_7	923			TNS_3	1.846660e-06		TNS_1	0.004382		TBX21_TBX_3	0.035461	
pos_patterns.pattern_8	743			TNS_3	8.579450e-13		TNS_4	0.001044		TNS_5	0.003044	
pos_patterns.pattern_9	398			ZNF384_MA1125.1	5.112750e-02		PRDM6_HUMAN.H11MO.0.C	0.051127		ANDR_HUMAN.H11MO.0.A	0.204980	
pos_patterns.pattern_10	304			NFATC1_NFAT_1	1.000000e+00		None	NaN		None	NaN	
pos_patterns.pattern_11	213			ZNF384_MA1125.1	5.872460e-03		CPEB1_RRM_1	1.000000		SRY_HUMAN.H11MO.0.B	1.000000	
pos_patterns.pattern_12	197			LIN54_MA0619.1	1.000000e+00		ZNF384_MA1125.1	1.000000		ONECUT3_CUT_1	1.000000	
pos_patterns.pattern_13	141			MEF2A_MOUSE.H11MO.0.A	2.159200e-01		ZNF384_MA1125.1	0.215920		ONECUT3_CUT_1	0.215920	
pos_patterns.pattern_14	117			TNS_7	4.013820e-05		SOX8_HMG_3	0.751547		SOX4_HMG_1	1.000000	

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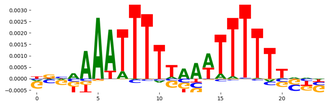
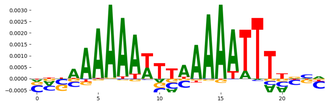
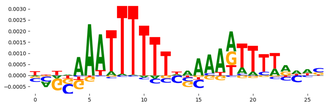
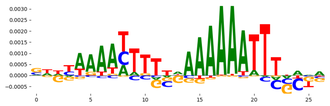
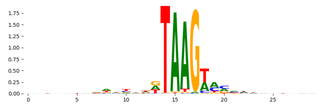
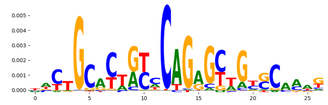
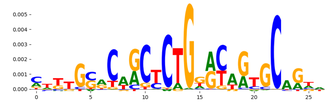
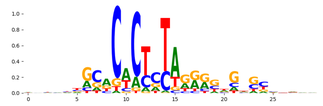
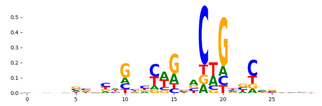
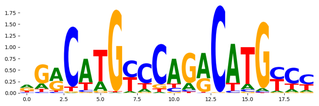
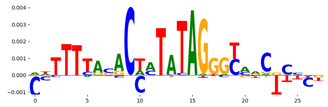
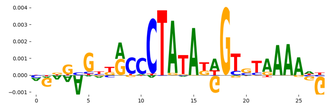
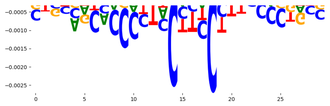
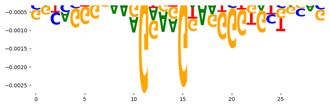
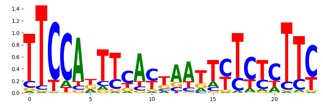
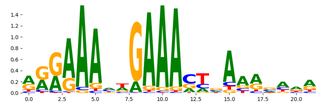
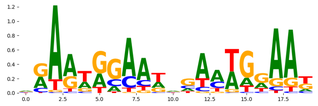
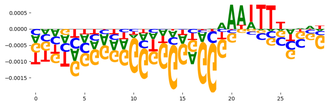
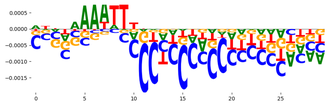
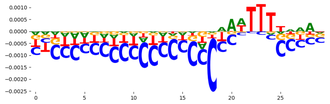
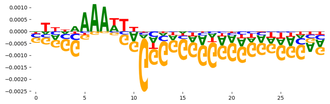
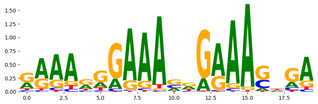
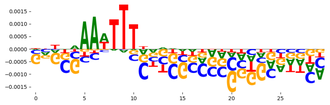
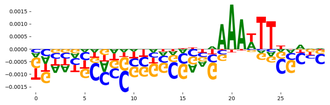
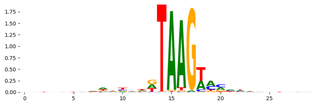
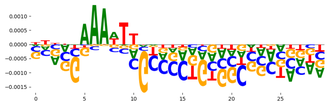
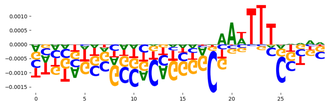
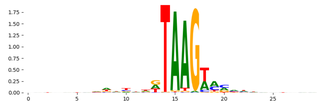
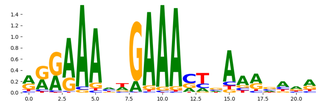
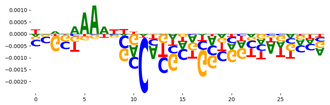
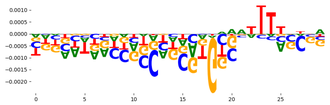
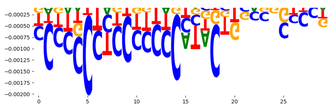
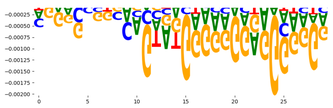
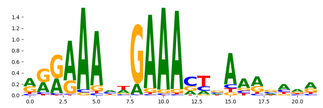
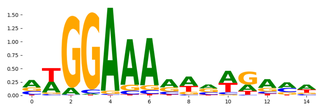
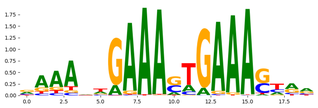
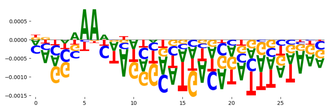
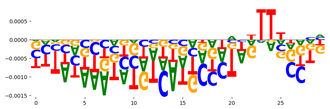
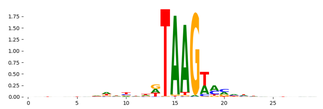
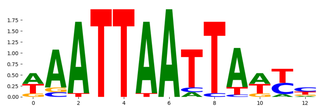
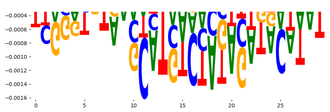
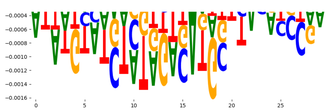
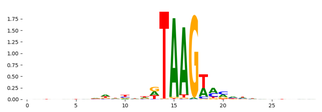
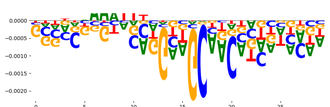
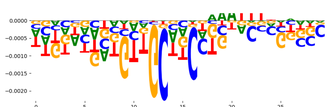
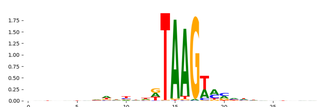
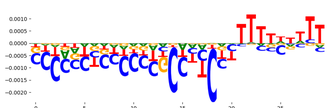
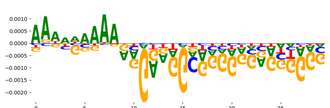
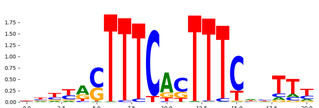
pos_patterns.pattern_15	92			FOXJ3_HUMAN.H11MO.0.A	5.215270e-02		FOXJ1_MOUSE.H11MO.0.A	0.052153		ONECUT3_CUT_1	0.052153	
pos_patterns.pattern_16	76			DNASE_2	2.335610e-01		ZNF384_MA1125.1	1.000000		SRY_MA0084.1	1.000000	
pos_patterns.pattern_17	27			TN5_3	5.018390e-01		TN5_1	0.605895		P53_HUMAN.H11MO.0.A	0.622577	
pos_patterns.pattern_18	25			SRF_MADS_1	9.687150e-02		SRF_MA0083.3	0.096871		SRF_MADS_2	0.096871	
neg_patterns.pattern_0	126			ZFP82_HUMAN.H11MO.0.C	9.191180e-02		STAT1_MOUSE.H11MO.0.A	0.091912		ZN394_HUMAN.H11MO.0.C	0.091912	
neg_patterns.pattern_1	106			NFAC4_HUMAN.H11MO.0.C	1.442760e-01		NFAC4_MOUSE.H11MO.0.C	0.144276		NFAC2_HUMAN.H11MO.0.B	0.198460	
neg_patterns.pattern_2	96			ELF5_MOUSE.H11MO.0.A	1.199300e-01		SPI1_HUMAN.H11MO.0.A	0.119930		IRF3_HUMAN.H11MO.0.B	0.119930	
neg_patterns.pattern_3	85			Pou2f2.mouse_POU_1	6.687330e-01		POU2F2_POU_2	0.668733		DNASE_2	0.668733	
neg_patterns.pattern_4	73			DNASE_2	1.853740e-01		STAT1_MOUSE.H11MO.0.A	0.185374		NFAC4_HUMAN.H11MO.0.C	0.371551	
neg_patterns.pattern_5	65			ONECUT3_CUT_1	6.016870e-01		ONECUT3_MA0757.1	0.601687		ONECUT1_CUT_1	0.601687	
neg_patterns.pattern_6	60			STAT1_MOUSE.H11MO.0.A	5.888550e-02		NFAC1_HUMAN.H11MO.0.B	0.058886		IRF1_HUMAN.H11MO.0.A	0.097870	
neg_patterns.pattern_7	59			DNASE_2	3.518960e-02		Lhx3_MA0135.1	0.112784		CPEB1_RRM_1	0.193364	
neg_patterns.pattern_8	57			Pou2f2.mouse_POU_1	2.011730e-02		DNASE_2	0.020117		POU2F2_POU_2	0.020117	
neg_patterns.pattern_9	56			DNASE_2	1.769280e-01		MAFK_bZIP_2	0.465576		Hoxd9.mouse_homeodomain_2	0.465576	
neg_patterns.pattern_10	48			STAT1_MOUSE.H11MO.0.A	4.232560e-03		IRF1_HUMAN.H11MO.0.A	0.008501		IRF1_MA0050.2	0.008501	

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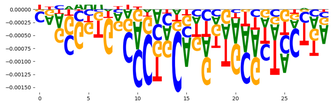
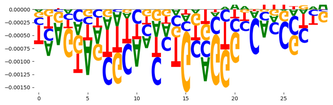
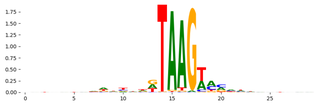
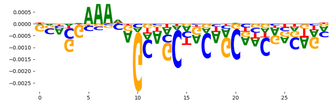
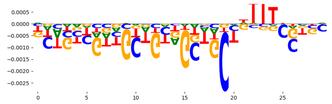
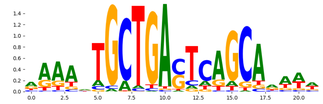
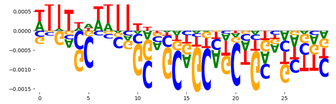
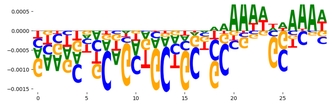
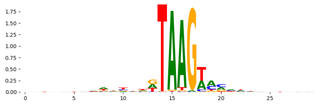
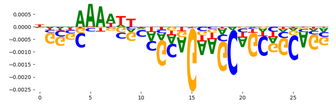
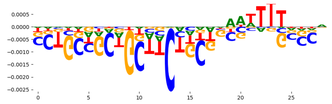
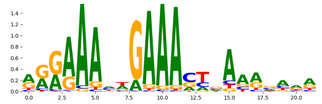
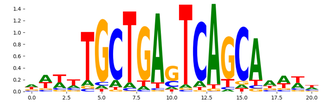
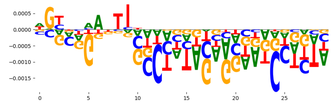
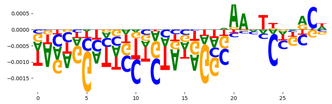
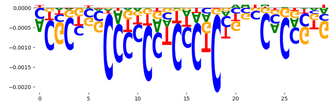
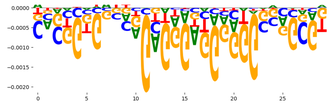
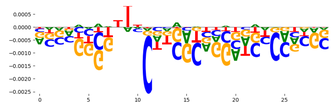
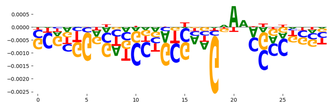
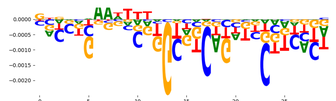
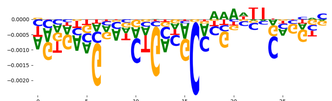
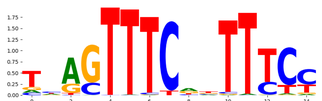
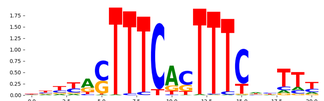
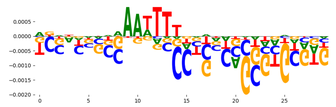
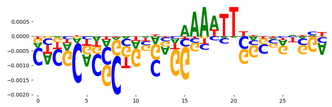
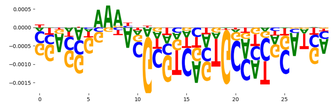
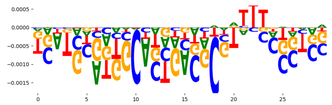
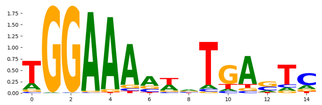
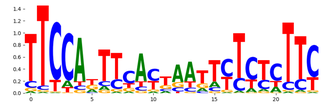
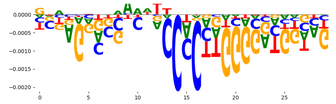
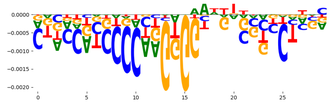
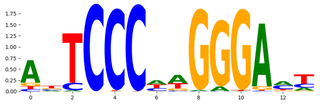
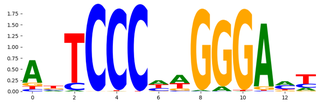
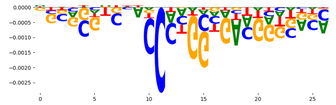
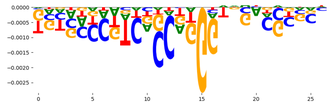
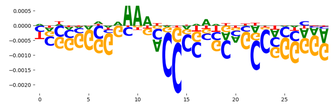
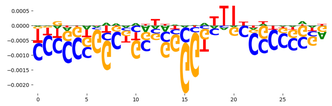
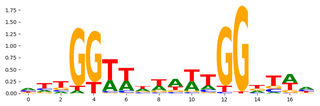
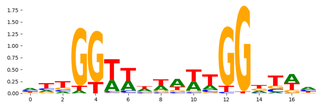
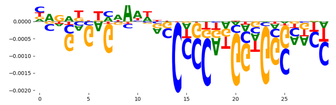
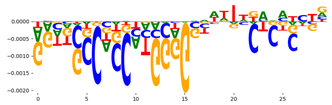
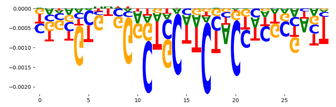
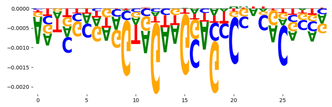
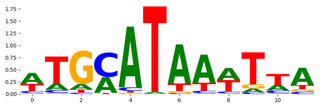
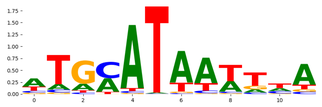
neg_patterns.pattern_11	46			DNASE_2	1.088300e-01		PRRX2_HUMAN.H11MO.0.C	0.311384		PRRX2_MOUSE.H11MO.0.C	0.311384	
neg_patterns.pattern_12	43			FOXJ3_HUMAN.H11MO.0.A	1.363730e-01		FOXJ3_MOUSE.H11MO.0.A	0.136373		MAFF_MOUSE.H11MO.0.A	0.136373	
neg_patterns.pattern_13	39			DNASE_2	3.479970e-02		FOXJ3_HUMAN.H11MO.0.A	0.034800		FOXJ3_MOUSE.H11MO.0.A	0.034800	
neg_patterns.pattern_14	34			OSR2_HUMAN.H11MO.0.C	7.797800e-01		STAT1_MOUSE.H11MO.0.A	0.779780		MAFF_MA0495.2	0.779780	
neg_patterns.pattern_15	32			POU3F3_POU_3	4.202350e-01		ONECUT3_CUT_1	0.420235		ONECUT3_MA0757.1	0.420235	
neg_patterns.pattern_16	31			TEAD1_MA0090.2	3.962960e-01		TEAD1_TEA_1	0.396296		ZNF24_MA1124.1	0.396296	
neg_patterns.pattern_17	31			POU1F1_MA0784.1	5.517060e-01		POU1F1_POU_2	0.551706		POU3F3_MA0788.1	0.551706	
neg_patterns.pattern_18	30			STAT1_MOUSE.H11MO.0.A	4.029390e-02		STAT1+STAT2_MA0517.1	0.040294		IRF1_MA0050.2	0.075707	
neg_patterns.pattern_19	29			POU2F2_HUMAN.H11MO.0.A	1.000000e-00		PBX2_HUMAN.H11MO.0.C	1.000000		PBX2_MOUSE.H11MO.0.C	1.000000	
neg_patterns.pattern_20	28			JUN_MA0489.1	8.368070e-01		NFAC1_MOUSE.H11MO.0.A	0.836807		ZFP82_HUMAN.H11MO.0.C	0.836807	
neg_patterns.pattern_21	25			EBF1_EBF_1	1.047820e-01		EBF1_MA0154.3	0.104792		NFAC4_HUMAN.H11MO.0.C	0.211704	
neg_patterns.pattern_22	24			STAT1_MA0137.3	2.990750e-01		Stat5a+Stat5b_MA0519.1	0.299075		NFATC1_NFAT_3	0.299075	
neg_patterns.pattern_23	23			AIRE_HUMAN.H11MO.0.C	7.300330e-02		AIRE_MOUSE.H11MO.0.C	0.073003		HOMEZ_HOMEZ_1	0.115487	
neg_patterns.pattern_24	22			ESRRB_MA0141.3	1.000000e-00		ESRRB_nuclearreceptor_1	1.000000		RELA_MA0107.1	1.000000	
neg_patterns.pattern_25	21			POU3F3_POU_2	9.949780e-01		POU3F1_POU_2	0.994978		LHX3_HUMAN.H11MO.0.C	0.994978	

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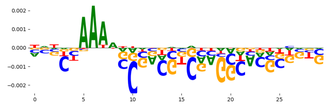
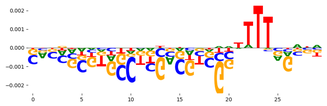
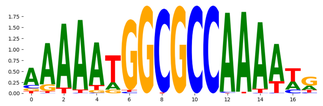
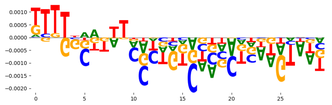
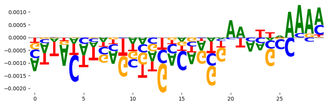
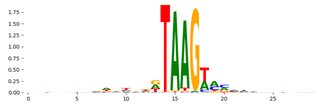
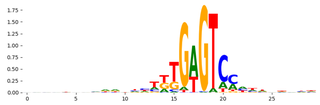
neg_patterns.pattern_26	20			E2F2_E2F_1	1.000000e-00		FOXD2_forkhead_1	1.000000		TEAD4_MA0809.1	1.000000	
neg_patterns.pattern_27	20			DNASE_2	5.898870e-02		DNASE_4	0.639574		hx3.mouse_homeodomain_1	0.665511	