

Table S6.3.Whole protein comparison for FOXP3 linear motifs content.

Linear Motifs	CLV_C14_Caspase3-7	DEG_SCF_FBW7_1	DOC_CKS1_1	DOC_CYCLIN_1	DOC_MAPK_1	DOC_PP2B_1	DOC_PP2B_2	DOC_UPS7_1	DOC_WW_Pin1_4	LIG_I4-3-3_2	LIG_I4-3-3_3	LIG_BRCT_BRCA1_1	LIG_FHA_1	LIG_FHA_2	LIG_MYND_1	LIG_NRBOX	LIG_PTAP_UEV_1	LIG_RRM_PRL_1	LIG_SUMO_SBM_1	LIG_SUMO_SBM_2	MOD_CDk_1	MOD_CK1_1	MOD_CK2_1	MOD_GSK3_1	MOD_NEK2_1	MOD_NEK2_2	MOD_PKK_1	MOD_PKA_1	MOD_PKA_2	MOD_PLK	MOD_ProDKin_1	TRG_NES_CRM1_1	TRG_NLS_MonoCore_2	TRG_NLS_MonoExtN_4	Total
	2	2		1	3	7	6	1	1	2	2	1	1	2	2	1	1	2	1	1	6	2	9	3	1	3	2	2	1	5	1	1	1	69	
<i>Homo sapiens</i>	2	2		1	3	7	6	1	1	2	2	1	1	2	2	1	1	2	1	1	6	2	8	3	1	3	2	2	1	5	1	1	1	62	
<i>Homo neanderthalensis</i>	2	2	1	2	7	5	1	1	1	1	2	1	1	2	2	1	1	2	1	1	4	2	9	3	1	3	2	2	1	5	1	1	1	62	
<i>Pan troglodytes</i>	2		1	3	6	5	1	1	1	2	2	1	1	1	2	2	1	1	1	1	6	2	8	3	1	3	2	2	1	5	1	1	1	62	
<i>Pan paniscus</i>	2		1	3	6	5	1	1	1	2	2	1	1	1	2	2	1	1	1	1	6	2	8	3	1	3	2	2	1	5	1	1	1	62	
<i>Gorilla gorilla</i>	2	1	1	3	6	5	1	1	1	2	2	1	1	1	2	2	1	1	1	1	6	2	9	3	1	3	2	2	1	5	1	1	1	63	
<i>Pongo abelii</i>	2		1	3	6	5	1	1	1	3	2	1	1	1	1	2	1	1	1	1	7	2	8	3	1	3	2	2	1	5	1	1	1	64	
<i>Pongo pygmaeus</i>	2		1	3	6	5	1	1	1	3	2	1	1	1	1	2	1	1	1	1	7	2	8	3	1	3	2	2	1	5	1	1	1	64	
<i>Nomascus leucogenys</i>	2		1	3	5	5	1	1	1	3	2	1	1	1	1	2	1	1	1	1	6	2	9	3	1	3	2	2	1	5	1	1	1	63	
<i>Hylobates lar</i>	2		1	3	6	5	1	1	1	3	2	1	1	2	1	2	1	1	1	1	6	2	9	3	1	3	2	2	1	5	1	1	1	65	
<i>Macaca mulatta</i>	2	1	1	3	6	6	1	1	1	2	2	1	1	1	1	2	1	1	1	1	7	2	8	4	1	3	2	2	1	6	1	1	1	70	
<i>Papio anubis</i>	2		1	3	6	5	1	1	1	2	2	1	1	1	1	2	1	1	1	1	7	2	8	3	1	3	2	2	1	5	1	1	1	63	
<i>Chlorocebus sabaeus</i>	2		1	3	6	5	1	1	1	2	2	1	1	1	1	1	1	1	1	7	2	8	3	1	3	2	2	1	5	1	1	1	65		
<i>Saimiri boliviensis</i>	2	1		1	3	6	6	1	1	3	2	1	1	1	1	1	1	1	1	8	2	11	1	1	3	2	2	2	6	1	1	1	70		
<i>Callithrix jacchus</i>	2	1		1	2	6	6	1	1	3	2	1	1	1	1	1	1	1	1	7	2	10	2	1	3	2	2	2	6	1	1	1	68		
<i>Tarsius syrichta</i>	2	1		1	2	4	7	1	1	3	1	1	1	1	1	3	1	1	1	5	1	10	3	1	3	2	2	1	7	1	1	1	64		
<i>Galeopterus variegatus</i>	2	1	1	3	5	7	1	1	1	3	2	1	1	1	1	1	1	1	1	5	2	7	3	1	3	2	2	1	7	1	1	1	64		
<i>Tupaia chinensis</i>	2	1	1	1	3	5	7	1	1	4	2	1	1	1	1	4	14	2	16	4	1	3	2	3	1	7	1	1	1	89					
<i>Mus musculus</i>	2			1	4	3	4	1	1	2	1	1	1			1	1	3	2	6	4	1	3	2	1	1	4	1	1	1	50				
<i>Rattus norvegicus</i>	2			1	4	5	5	2	1	2	2	2	1			1	1	3	3	8	5	2	3	2	1	1	5	1	1	1	62				

Table S6.3. Whole protein comparison for FOXP3 linear motifs content (continued).

Linear Motifs	CLV_C14_Caspase3_7	DEG_SCF_FBW7_1	DOC_CKS1_1	DOC_CYCLIN_1	DOC_MAPK_1	DOC_PP2B_1	DOC_PP2B_2	DOC_UPS7_1	DOC_WW_Pin1_4	LIG_I4-3-3_2	LIG_I4-3-3_3	LIG_BRCT_BRCA1_1	LIG_FHA_1	LIG_FHA_2	LIG_MYND_1	LIG_NRBOX	LIG_PTAP_UEV_V_1	LIG_RRM_PRL_1	LIG_SUMO_SBM_1	LIG_SUMO_SBM_2	MOD_CDK_1	MOD_CKL_1	MOD_CK2_1	MOD_CSK3_1	MOD_NEK2_1	MOD_NEK2_2	MOD_PIKK_1	MOD_PKA_1	MOD_PKA_2	MOD_PLK	MOD_ProDKin_1	TRG_NES_CRM1_1	TRG_NLS_MonoCore_2	TRG_NLS_MonoExtN_4	Total
<i>Cricetulus griseus</i>	2																														55				
<i>Octodon degus</i>	2	2	1	1	4	8	9	2	2	1	3	2	1	1	1	1	1	2	5	5	3	9	4	1	1	2	1	9	1	1	84				
<i>Oryctolagus cuniculus</i>	2			1	3	5	7	1	1		4	2	1	1	1			3	6	3	9	3	2	3	2	4	2	7	1	1	75				
<i>Ochotona princeps</i>	2	1		1	3	9	8	1	1		4	2	1	1	1			3	1	10	3	15	2	2	3	2	2	4	2	8	1	1	92		
<i>Physeter catodon</i>	1		1	1	3	6	9	1	2		2	2	1	1			2	2	5	2	10	2	1	2	2	2	1	9	1	1	72				
<i>Orcinus orca</i>	1		1	1	3	6	8	1	2		2	2	1	1			2	2	5	2	9	2	1	2	2	2	1	8	1	1	69				
<i>Bos taurus</i>	2		1	1	3	5	10	1	1		2	2	1	1			2	2	6	2	13	3	1	2	2	2	1	10	1	1	78				
<i>Camelus ferus</i>	2		1	1	3	5	7	1	1		2	3	1	1			1	1	5	3	8	2	1	3	2	2	1	7	1	1	68				
<i>Vicugna pacos</i>	2		1	1	3	5	7	1	1		2	3	1	1			1	1	5	3	8	2	1	3	2	2	1	7	1	1	68				
<i>Ceratotherium simum simum</i>	3	3			3	8	9	1	1		2	2	1	1	1		1	1	6	2	15	3	1	2	2	2	2	9	1	1	83				
<i>Equus caballus</i>	1			1	3	7	9	1			2	2	1	1	2		1	1	6	3	10	4	1	2	2	2	1	9	1	1	74				
<i>Leptonychotes weddellii</i>	1	1		1	3	7	10		1		2	3	1	1	1		1	1	1	4	4	9	2	1	2	2	2	10	1	1	73				
<i>Odobenus rosmarus divergens</i>	1	2		1	3	7	11	1	1		2	2	1	1	1		1	1	5	3	12	3	1	2	2	1	1	11	1	1	82				
<i>Mustela putorius furo</i>	1	1		1	3	8	11		1		3	2	1	1	1		1	1	2	1	8	3	16	3	1	2	2	1	11	1	1	88			
<i>Ailuropoda melanoleuca</i>	1	1		1	3	9	10	1	1		2	2	1	1			1	1	1	9	3	15	4	1	2	2	1	1	10	1	1	86			
<i>Canis lupus familiaris</i>	1	1		1	3	8	9	1			2	2	2	1	1		1	1	1	6	3	13	3	1	2	2	2	1	9	1	1	79			
<i>Panthera tigris</i>	1	2		1	3	7	10	1			2	2	1	1	1		1	1	1	6	3	10	3	1	2	2	2	1	10	1	1	77			
<i>Felis catus</i>	1	1		1	3	6	10	1			2	1	1	1	1		1	1	1	6	2	12	3	1	2	2	2	1	10	1	1	75			
<i>Myotis brandtii</i>	1		1		4	5	6		1		2	2	1	1			2	2	4	2	10	3	1	2	2	2	1	6	1	1	63				

Table S6.3. Whole protein comparison for FOXP3 linear motifs content (continued).

Linear Motifs	CLV_C14_Caspase3_7	DEG_SCF_FBW7_1	DOC_CK51_1	DOC_CYCLIN_1	DOC_MAPK_1	DOC_PP2B_1	DOC_PP2B_2	DOC_USP7_1	DOC_WW_Pin1_4	LIG_I4-3-3_2	LIG_I4-3-3_3	LIG_BRCT_BRCA1_1	LIG_FHA_1	LIG_FHA_2	LIG_MYND_1	LIG_NRBOX	LIG_PTAP_UEVV_1	LIG_RRM_PRL_1	LIG_SUMO_SBM_1	LIG_SUMO_SBM_2	MOD_CDK_1	MOD_CKL_1	MOD_CK2_1	MOD_CSK3_1	MOD_NEK2_1	MOD_NEK2_2	MOD_PIKK_1	MOD_PKA_1	MOD_PKA_2	MOD_PLK	MOD_ProDKin_1	TRG_NES_CRM1_1	TRG_NLS_MonoCore_2	TRG_NLS_MonoExtN_4	Total
<i>Eptesicus fuscus</i>	1		1																										69						
<i>Pteropus alecto</i>	2			1	3	5	7	1	1		2	2		1	1			2	3		5	2	10	4	1	3	2	2	1	7	1	1	70		
<i>Erinaceus europaeus</i>	1	1	1	1	2	8	7			4	2	1	1					1	1	1	7	2	12	2	1	3	1	1	1	7	1	1	70		
<i>Sorex araneus</i>				1	2	5	9	1	3	2	2	2	1	1			1	1	1	8	3	8	3	1	3	2	3	1	1	9	1	1	74		
<i>Condylura cristata</i>	1				1	2	4	8	1	1		2	2	1	1	1		1	1	1	5	2	8	3	1	3	2	2	1	8	1	1	65		
<i>Dasypus novemcinctus</i>	2			1	3	6	7	1		2	2	1	1				1	1		7	2	6	3	1	3	2	3	1	1	7	1	1	65		
<i>Echinops telfairi</i>	1	1		1	4	6	8	2	1	3	1	2	1				1	1		10	2	13	4	1	2	2	2	2	8	1	1	79			
<i>Chrysochloris asiatica</i>	1	1		1	4	4	8	1	1		2	2	2	1			1	1	1	6	3	11	3	1	2	2	2	1	8	1	1	72			
<i>Elephantulus edwardii</i>	1	1	1		2	7	8	1	1		3	2	1	1			2		1	4	2	10	3	1	2	2	2	1	8	1	1	70			
<i>Orycteropus afer afer</i>	1	1		1	3	7	8	1	1		2	2	2	1			1	1		6	2	14	3	1	2	2	1	1	8	1	1	75			
<i>Trichechus manatus latirostris</i>	1		1	1	3	6	8	1		2	2	2					1	1		6	2	9	3	1	3	1	2	8	1	1	1	67			
<i>Loxodonta africana</i>	1		1		3	3	5	1	1	1	2	2	1				1		7	2	9	4	1	3	2	2	1	5	1	1	1	61			
<i>Monodelphis domestica</i>	1	2	1	4		3	8	6	1	1	8	2		1			1		3	2	14	3	1	1	3	1	1	6	2	2	77				
<i>Ornithorhynchus anatinus</i>	2	2	1	2	1	4	6	12	4	3	4	2	1				1	1	12	5	20	5	1	5	2	3	12	1	1	11	2				