

Table 3. TF repertoires in three major eukaryotic kingdoms: Viridiplantae (plants), Fungi, and Metazoa (animals), plus all eukaryotes combined

	Viridiplantae	Fungi	Metazoa	Eukaryota
Proteins				
Proteins per species	27 235	9997	16 371	14 141
Length of all proteins (residues)	387	466	479	465
Domains assigned per protein	1.48	1.47	2.00	1.53
Distinct domain families per protein	1.24	1.29	1.37	1.29
Length of protein domains (residues)	158	185	150	161
TFs				
TFs per species	591	203	806	325
Distinct architectures per species	77	38	160.5	45
Length of TFs (residues)	375	604	545	560
DBDs per TF	1.13	1.36	2.75	1.41
Distinct DBD families per TF	1.01	1.00	1.03	1.01
Length of DBDs (residues)	73	65	56	64
Partner domains per TF	0.23	0.14	0.40	0.24
Distinct partner domain families per TF	0.20	0.13	0.35	0.21
Length of partner domains (residues)	90	83	85	85
TF content in genome (%)	2.12	2.53	4.65	2.91
DBDs				
DBD families	38	34	58	78
Kingdom specific DBD families	12	6	26	
DBDs per species	602	152	2151	206
Distinct DBD families per species	37	25	53	27

The domain assignments are Pfam families. Median values of all species in each lineage are displayed.