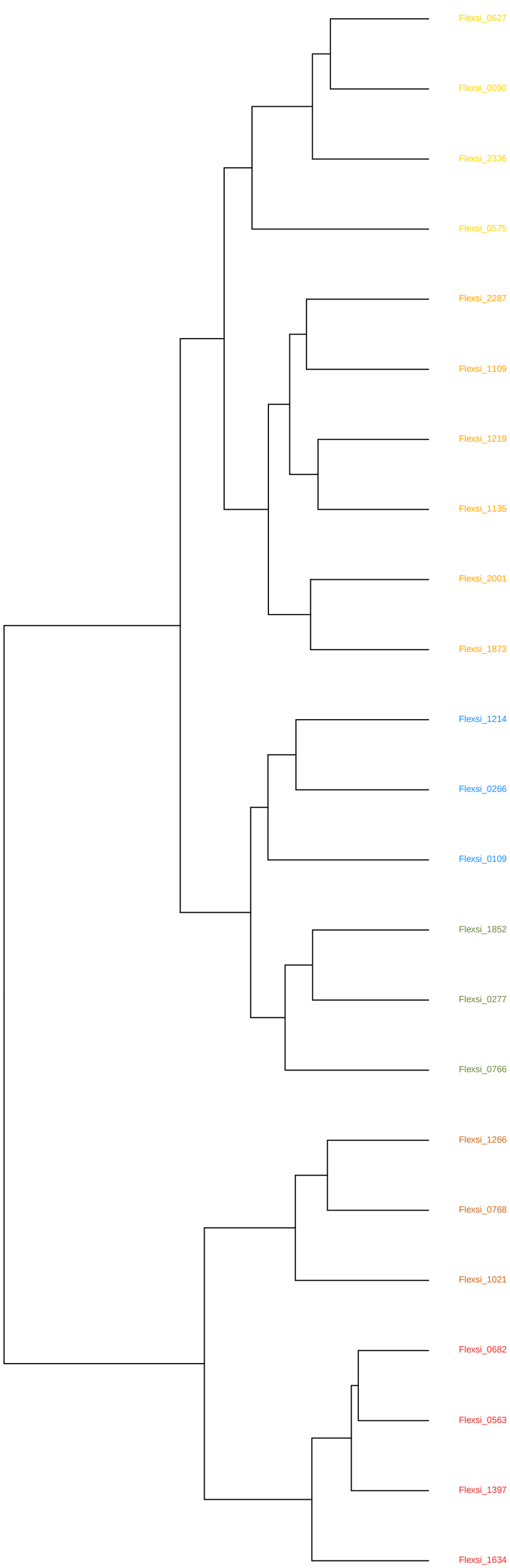

Cluster	Family	Domains
Orphan / Pair / Triad / Tetrad / Pentad+		
Pair	Classic	1 HisKA,1 HATPase_c
Pair	Classic	1 HisKA,1 HATPase_c
Pair	Classic	1 HAMP,1 HisKA,1 HATPase_c
Pair	Classic	1 HisKA,1 HATPase_c
Orphan	Classic	1 HisKA,1 HATPase_c
Orphan	Hybrid	1 Response_reg,1 PAS_4,1 HisKA,1 HATPase_c
Orphan	Classic	1 PAS_4,1 HisKA,1 HATPase_c
Pair	Classic	1 HisKA,1 HATPase_c
Pair	Classic	1 HisKA,1 HATPase_c
Pair	Classic	1 HisKA,1 HATPase_c
Pair	Classic	1 HAMP,1 HisKA,1 HATPase_c
Orphan	Classic	1 HAMP,1 HisKA,1 HATPase_c
Orphan	CheA	1 Hpt,1 H−kinase_dim,1 HATPase_c,1 CheW,1 Response_reg
Pair	Classic	1 HisKA,1 HATPase_c
Pair	Classic	1 HAMP,1 HisKA,1 HATPase_c
Triad	Unorthodox	1 PAS_4,2 PAS,1 PAS_3,1 HisKA,1 HATPase_c,2 Response_reg,1 Hpt
Orphan	Hybrid	3 PAS,1 HisKA,1 HATPase_c,1 Response_reg
Triad	Hybrid	2 Response_reg,1 PAS,1 HisKA,1 HATPase_c
Pair	Classic	1 PAS_4,1 HisKA,1 HATPase_c
Orphan	Hybrid	2 PAS_4,1 PAS,1 HisKA,1 HATPase_c,1 Response_reg
Orphan	Hybrid	1 SBP_bac_3,2 PAS,1 PAS_4,1 HisKA,1 HATPase_c,1 Response_reg
Orphan	Hybrid	1 PAS_3,1 PAS,1 HisKA,1 HATPase_c,1 Response_reg
Orphan	Classic	1 HAMP,3 PAS_4,1 HisKA,1 HATPase_c