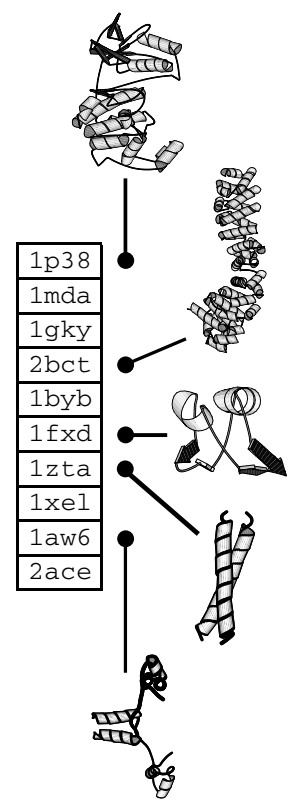


Kinase (cat. core)
7-bladed beta-propeller
P-loop NTP hydrolases
Alpha-alpha superhelix
TIM-barrel
Ferredoxin
Leu-zip fold
Rossmann fold
Zn2-C6 DNA-bind dom.
Alpha-beta Hydrolases

Phylogenetic Occurrence							Fold Classification		Gene Expression			Other Func. Genomics	Function & Interaction	
A	B	C	D	E	F	G	H	I	J	K	L	M	N	O
Yeast Genome	worm	<i>E. coli</i>	<i>M. genitalium</i>	<i>B. subtilis</i>	<i>T. pallidum</i>	Archea Overall	Aligned Pairs in PDB	Struc. Similarity in Fold	Transcriptome Freq.	Cell Cycle Changes	Sporulation Changes	Transposon Sensitivity	2-hybrid interactions	Number of Functions
1	3	160	71	94		52			18	94	60	7	7	55
2	12						100	193	5	160	82	9	53	18
3	9	4	1	3	1	2	12	36	2	100	57	8	1	3
4	7	61			153	5	62	96	6	136	44	3	2	
5	16	1	6	2	2	3	2	58	1	58	24	8	4	1
6	10	2	15	10	6	1	4	54	3	135	70	8	5	3
7	76	70	2	25	9	30	63	15	15	85	19	6		55
8	14	3	9	1	12	5	3	43	4	55	56	9	3	3
9									76	152	101	7	64	
10	11	18	10	6	38	28	15	19	32	110	43	10	91	2



1p38
lmda
1gky
2bct
1byb
1fxd
1zta
1xel
1aw6
2ace