

# A. Comparer

YALE GERSTEIN LAB search

## Comparer for protein structure rankings

[First 30 records][Entire table]  
[Display values][Display ranks]  
Image size: [50][70][100][120]

Max of all 0.91  
Min of all 0.05  
Average 4.7  
Non zero hits 215

	$G(\text{Scer})$ fold occurrence in Scer	$G(\text{Ecol})$ fold occurrence in Ecol	$E(\text{cdc28})$ fluctuation of expression levels in CDC28
beta/alpha (TIM)-barrel d1aj2...31 [SCOP 1.39] A/B	84	93	0.1
Ferredoxin-like d2aw0...434 [SCOP 1.39] A+B	114	82	0.19
NAD(P)-binding Rossmann- fold domains d1eny...322 [SCOP 1.39] A/B	72	79	0.28
P-loop containing nucleotide triphosphate hydrolases d1dia...329 [SCOP 1.39] A/B	130	72	0.21
Flavodoxin-like d1wab...314 [SCOP 1.39] A/B	19	67	0.12
Ribonuclease H-like motif d2hg...347 [SCOP 1.39] A/B	85	50	0.3

# B. Profiler

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## 30 Highest Values -- Fold Occurrences

- Summed Over 20 Genomes

C Fold C Alignments Occurrences in Genomes  
 C 30 Highest C 100 Highest C Top Half C Middle 30 C Middle 100 C Middle Half  
 Occurrences

Welcome to ParisList. Information from mouseovers will show:

Out of 339	Representative Domain	20	Alu	Mjan	Mhe	Pho	Scer	Cete	Azee	Syne	Ecol	Bos	Mub	Hin
1	d2aw0	1426	93	87	108	21	114	207	31	38	82	26	44	32
2	d1dia1	1301	56	61	53	61	130	223	57	68	72	64	54	51
3	d1aj3w	881	2	2	1	0	4	829	2	11	18	2	2	0
4	d1aj3z	858	45	37	43	30	84	123	28	51	93	88	77	33
5	d1eny	785	31	16	26	19	72	132	33	39	79	98	124	25
6	d31ck	636	2	3	2	3	129	454	1	13	1	3	15	0
7	d1d4c	576	0	0	0	3	3	556	0	1	0	2	1	2
8	d1aj17	494	0	21	7	4	114	230	25	42	6	1	0	1
9	d1cvi	420	13	1	2	5	38	175	3	24	19	33	70	5
10	d1wab	418	32	11	24	15	19	14	13	74	67	55	25	17
11	d2leg	417	12	4	6	1	83	87	9	17	30	24	34	23
12	d1bwy	410	26	35	16	32	23	4	23	35	31	30	52	19
13	d1o3yc_e	400	34	9	13	18	21	28	26	20	38	31	42	11
14	d2bab	352	18	16	15	18	32	40	19	23	36	43	33	15
15	d1gpeb	323	0	0	0	0	140	168	0	10	0	0	1	1
15	d1eng	323	0	0	0	0	1	322	0	0	0	0	0	0
17	d1spz	321	1	2	0	2	77	238	0	0	0	0	0	1

# C. Correlator

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## Correlator

X axis: fold occurrence in Alu  
Y axis: fold occurrence in Scer  
Display the correlation

The linear correlation coefficient and rank correlation coefficient between "occurrence in Alu" and "fold occurrence in Scer" are 0.52 and 0.48, respectively. [The coefficient for perfect correlation is 1, for perfect anti-correlation is -1, and for complete u

Mouse-over the points to show information on folds.

93 fold occurrences in Alu