										Ponovljena analiz	a po kl	jucnim rec	ima		
									#	name	n		avg_dis	Z	p
									0	DNA-binding	6518	546.53	0.87	46.90	1
								1	1	Developmental protein	3897	655.21	0.86	31.10	1
								/4	2	Activator	2574	600.51	0.88	28.12	1
20 painawadianiiih blib-ibi 2007								//	3	Repressor	1988	589.29	0.85	22.63	1
# name n prot n families avg_len   Z-score   P-value							_ / .	//	4	RNA-binding	2728	575.76	0.76	16.62	1
0		12236	412	150.55	22.13		<u>"</u> / /	//	5	Chromatin regulator	1038 1886	847.06 272.29	0.90	13.91	1
1	Ribonucleoprotein Ribosomal protein	11692	330	140.58	20.63	_	-1777	77	7	Ribonucleoprotein Serine/threonine-protein ki	1782	802.24	0.84	11.56	1
2	Developmental protein	3260	721	477.93	19.28	+-	-//_//	/	8	Chaperone Chaperone	937	430.43	0.71	10.02	1
3	Hormone	1187	161	141.13	15.58		-l /7⁄		9	Ribosomal protein	1408	186.38	0.53	9.34	1
4	Growth factor	785	84	255.70	11.16	_	-\_//	_	10	Growth factor	398	299.63	0.70	8.98	1
5	Cytokine	899	110	213.28	10.21		<b> </b> /	Ť	11	Protein kinase inhibitor	49	337.20	0.96	8.34	1
6	Neuropeptide	268	209	95.08	9.65	1	<b>-</b> // // \		12	Calmodulin-binding	520	1229.00	0.90	7.57	1
7	Activator	3086	573	428.47	9.04	1	<b>∀</b> \//	×	13	Hormone	338	221.13	0.59	7.24	1
8	GAP protein	47	2	232.96	7.42	1	<b>1</b> /X	4	14	Cyclin	133	422.71	0.87	7.18	1
9	Antigen	1113	455	437.48	6.99	1	<b>1</b> // \	/	15	Signal transduction inhibitor	115	408.43	0.84	6.76	1
10	Repressor	2309	449	374.46	6.92	1	7// \	/ [	16	Guanine-nucleotide releasin	319	1144.39	0.96	6.40	1
11	Chromatin regulator	334	100	801.24	6.70	1	_/ >	( <b>*</b>	17	GTPase activation	424	867.35	0.88	6.28	1
12	Pyrogen	37	2	262.59	6.44	1		<b></b>	18	Growth factor binding	50	593.98	1	6.09	1
13	Vasoactive	125	39	160.39	5.56	1	$\bot$ $\bigwedge$	٦	19	Neuropeptide	105	234.96	0.68	5.99	1
14	Amphibian defense peptide	123	148	50.64	5.44	1	- <b> </b> X/		20	Potassium channel	191	621.52	0.85	5.10	1
15	GTPase activation	311	70	831.03	5.36	1	<b>-</b> /\ X		21	Calcium channel	193	1397.77	0.93	5.09	1
16	Endorphin	42	4	226.68	5.35	1	■ X \	-	22	Protein phosphatase inhibitor	64	352.86	0.81	5.07	1
17	Opioid peptide	24	4	216.96	5.14	1	/ \ \	$\langle \cdot  $	23	Tyrosine-protein kinase	376	863.00	0.89	5.04	1
18	Protein phosphataseinhibitor	47	8	366.51	5.07	1	/ \		24	Mitogen	137	286.03	0.68	4.80	1
19	Cyclin	182	25	430.58	4.88	1	」 \	1	25	Vasoactive	46 221	267.00	0.76	4.29	1
							/	\	26 27	Heparin-binding	193	650.97 920.01	0.73	3.88	1
								\	28	Muscle protein Actin-binding	837	920.01	0.73	3.80	1
	Ponovljena anali:	za po kl	jucnim rec	ima				1	29	Amphibian defense peptide	49	85.80	0.77	3.34	1
#	name	_	avg_len	avg_dis	Z							05.00	0.55	5.5.	
		n	avg_icii	a vg_uis	L	p									
0	DNA-binding	6518	546.53	0.87	46.90	1 ~				Ponovljena analiza	po GC	1			
0	DNA-binding Developmental protein	6518 3897	546.53 655.21	0.87 0.86	46.90 31.10	1	`,`.	#		name	n	avg_len	avg_dis	z	p
0 1 2	DNA-binding Developmental protein Activator	6518 3897 2574	546.53 655.21 600.51	0.87 0.86 0.88	46.90 31.10 28.12	1 1 -		0		name DNA binding	n 8254	avg_len 574.89	avg_dis 0.86	46.13	1
0 1 2 3	DNA-binding Developmental protein Activator Repressor	6518 3897 2574 1988	546.53 655.21 600.51 589.29	0.87 0.86 0.88 0.85	46.90 31.10 28.12 22.63	1 - 1 -		0	se	name DNA binding quence-specific DNA binding	n 8254 3836	avg_len 574.89 536.95	avg_dis 0.86 0.92	46.13 41.77	1
0 1 2 3 4	DNA-binding Developmental protein Activator Repressor RNA-binding	6518 3897 2574 1988 2728	546.53 655.21 600.51 589.29 575.76	0.87 0.86 0.88 0.85 0.76	46.90 31.10 28.12 22.63 16.62	1 1 1 1 1 1		0 1 2	se	name DNA binding quence-specific DNA binding chromatin binding	n 8254 3836 1538	avg_len 574.89 536.95 713.64	0.86 0.92 0.93	46.13 41.77 23.54	1 1 1
0 1 2 3 4 5	DNA-binding Developmental protein Activator Repressor RNA-binding Chromatin regulator	6518 3897 2574 1988 2728 1038	546.53 655.21 600.51 589.29 575.76 847.06	0.87 0.86 0.88 0.85 0.76 0.90	46.90 31.10 28.12 22.63 16.62 13.91	1 - 1 - 1 - 1 - 1		0 1 2 3	se	name  DNA binding quence-specific DNA binding chromatin binding  RNA binding	n 8254 3836 1538 5797	avg_len 574.89 536.95 713.64 565.80	0.86 0.92 0.93 0.73	46.13 41.77 23.54 19.79	1 1 1
0 1 2 3 4 5	DNA-binding Developmental protein Activator Repressor RNA-binding Chromatin regulator Ribonucleoprotein	6518 3897 2574 1988 2728 1038 1886	546.53 655.21 600.51 589.29 575.76 847.06 272.29	0.87 0.86 0.88 0.85 0.76 0.90 0.60	46.90 31.10 28.12 22.63 16.62 13.91 13.39	1 - 1 - 1 - 1		0 1 2 3 4		name  DNA binding quence-specific DNA binding chromatin binding RNA binding receptor binding	n 8254 3836 1538 5797 4109	avg_len 574.89 536.95 713.64 565.80 529.68	0.86 0.92 0.93 0.73 0.68	46.13 41.77 23.54 19.79 14.04	1 1 1 1
0 1 2 3 4 5 6	DNA-binding Developmental protein Activator Repressor RNA-binding Chromatin regulator Ribonucleoprotein Serine/threonine-protein ki	6518 3897 2574 1988 2728 1038 1886 1782	546.53 655.21 600.51 589.29 575.76 847.06 272.29 802.24	0.87 0.86 0.88 0.85 0.76 0.90 0.60	46.90 31.10 28.12 22.63 16.62 13.91 13.39 11.56	1 1 1 1 1 1		0 1 2 3 4 5	J	name  DNA binding quence-specific DNA binding chromatin binding RNA binding receptor binding protein serine/threonine ki	n 8254 3836 1538 5797 4109 1942	avg_len 574.89 536.95 713.64 565.80 529.68 784.87	0.86 0.92 0.93 0.73 0.68 0.84	46.13 41.77 23.54 19.79 14.04 12.88	1 1 1 1 1
0 1 2 3 4 5 6 7	DNA-binding Developmental protein Activator Repressor RNA-binding Chromatin regulator Ribonucleoprotein Serine/threonine-protein ki Chaperone	6518 3897 2574 1988 2728 1038 1886 1782 937	546.53 655.21 600.51 589.29 575.76 847.06 272.29 802.24 430.43	0.87 0.86 0.88 0.85 0.76 0.90 0.60 0.84 0.71	46.90 31.10 28.12 22.63 16.62 13.91 13.39 11.56 10.02	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		0 1 2 3 4 5	1	name DNA binding quence-specific DNA binding chromatin binding RNA binding receptor binding protein serine/threonine ki structural molecule activity	n 8254 3836 1538 5797 4109 1942 2884	avg_len 574.89 536.95 713.64 565.80 529.68 784.87 558.88	0.86 0.92 0.93 0.73 0.68 0.84 0.64	46.13 41.77 23.54 19.79 14.04 12.88 10.84	1 1 1 1 1 1
0 1 2 3 4 5 6	DNA-binding Developmental protein Activator Repressor RNA-binding Chromatin regulator Ribonucleoprotein Serine/threonine-protein ki	6518 3897 2574 1988 2728 1038 1886 1782	546.53 655.21 600.51 589.29 575.76 847.06 272.29 802.24	0.87 0.86 0.88 0.85 0.76 0.90 0.60	46.90 31.10 28.12 22.63 16.62 13.91 13.39 11.56	1 1 1 1 1 1		0 1 2 3 4 5	1	name  DNA binding quence-specific DNA binding chromatin binding RNA binding receptor binding protein serine/threonine ki	n 8254 3836 1538 5797 4109 1942	avg_len 574.89 536.95 713.64 565.80 529.68 784.87	0.86 0.92 0.93 0.73 0.68 0.84	46.13 41.77 23.54 19.79 14.04 12.88	1 1 1 1 1
0 1 2 3 4 5 6 7 8	DNA-binding Developmental protein Activator Repressor RNA-binding Chromatin regulator Ribonucleoprotein Serine/threonine-protein ki Chaperone Ribosomal protein	6518 3897 2574 1988 2728 1038 1886 1782 937	546.53 655.21 600.51 589.29 575.76 847.06 272.29 802.24 430.43 186.38	0.87 0.86 0.88 0.85 0.76 0.90 0.60 0.84 0.71 0.53	46.90 31.10 28.12 22.63 16.62 13.91 13.39 11.56 10.02 9.34	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		0 1 2 3 4 5 6	1	name  DNA binding quence-specific DNA binding chromatin binding RNA binding receptor binding protein serine/threonine ki structural molecule activity structural constituent of r	n 8254 3836 1538 5797 4109 1942 2884 1350	avg_len 574.89 536.95 713.64 565.80 529.68 784.87 558.88 182.95	avg_dis 0.86 0.92 0.93 0.73 0.68 0.84 0.64 0.53	46.13 41.77 23.54 19.79 14.04 12.88 10.84 9.25	1 1 1 1 1 1 1
0 1 2 3 4 5 6 7 8 9	DNA-binding Developmental protein Activator Repressor RNA-binding Chromatin regulator Ribonucleoprotein Serine/threonine-protein ki Chaperone Ribosomal protein Growth factor	6518 3897 2574 1988 2728 1038 1886 1782 937 1408 398	546.53 655.21 600.51 589.29 575.76 847.06 272.29 802.24 430.43 186.38 299.63	0.87 0.86 0.88 0.85 0.76 0.90 0.60 0.84 0.71 0.53 0.70	46.90 31.10 28.12 22.63 16.62 13.91 13.39 11.56 10.02 9.34 8.98	1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 -		0 1 2 3 4 5 6 7		name  DNA binding quence-specific DNA binding chromatin binding RNA binding receptor binding protein serine/threonine ki structural molecule activity structural constituent of r calmodulin binding	n 8254 3836 1538 5797 4109 1942 2884 1350 710	avg_len 574.89 536.95 713.64 565.80 529.68 784.87 558.88 182.95	avg_dis 0.86 0.92 0.93 0.73 0.68 0.84 0.64 0.53 0.88	46.13 41.77 23.54 19.79 14.04 12.88 10.84 9.25 9.22	1 1 1 1 1 1 1 1
0 1 2 3 4 5 6 7 8 9 10	DNA-binding Developmental protein Activator Repressor RNA-binding Chromatin regulator Ribonucleoprotein Serine/threonine-protein ki Chaperone Ribosomal protein Growth factor Protein kinase inhibitor	6518 3897 2574 1988 2728 1038 1886 1782 937 1408 398 49	546.53 655.21 600.51 589.29 575.76 847.06 272.29 802.24 430.43 186.38 299.63	0.87 0.86 0.88 0.85 0.76 0.90 0.60 0.84 0.71 0.53 0.70 0.96	46.90 31.10 28.12 22.63 16.62 13.91 13.39 11.56 10.02 9.34 8.98 8.34	1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 -		0 1 2 3 4 5 6 7 8		name  DNA binding quence-specific DNA binding chromatin binding RNA binding receptor binding protein serine/threonine ki structural molecule activity structural constituent of r calmodulin binding growth factor activity	n 8254 3836 1538 5797 4109 1942 2884 1350 710 458	avg_len 574.89 536.95 713.64 565.80 529.68 784.87 558.88 182.95 1079.79 312.38	avg_dis 0.86 0.92 0.93 0.73 0.68 0.84 0.64 0.53 0.88 0.70	46.13 41.77 23.54 19.79 14.04 12.88 10.84 9.25 9.22 8.99	1 1 1 1 1 1 1 1
0 1 2 3 4 5 6 7 8 9 10 11	DNA-binding Developmental protein Activator Repressor RNA-binding Chromatin regulator Ribonucleoprotein Serine/threonine-protein ki Chaperone Ribosomal protein Growth factor Protein kinase inhibitor Calmodulin-binding	6518 3897 2574 1988 2728 1038 1886 1782 937 1408 398 49 520	546.53 655.21 600.51 589.29 575.76 847.06 272.29 802.24 430.43 186.38 299.63 337.20 1229.00	0.87 0.86 0.88 0.85 0.76 0.90 0.60 0.84 0.71 0.53 0.70 0.96 0.90	46.90 31.10 28.12 22.63 16.62 13.91 13.39 11.56 10.02 9.34 8.98 8.34 7.57	1		0 1 2 3 4 5 6 7 8 9		name  DNA binding quence-specific DNA binding chromatin binding RNA binding RNA binding receptor binding protein serine/threonine ki structural molecule activity structural constituent of r calmodulin binding growth factor activity protein kinase inhibitor ac	n 8254 3836 1538 5797 4109 1942 2884 1350 710 458 237	avg_len 574.89 536.95 713.64 565.80 529.68 784.87 558.88 182.95 1079.79 312.38 401.60	avg_dis 0.86 0.92 0.93 0.73 0.68 0.84 0.64 0.53 0.88 0.70 0.82	46.13 41.77 23.54 19.79 14.04 12.88 10.84 9.25 9.22 8.99 8.94	1 1 1 1 1 1 1 1 1
0 1 2 3 4 5 6 7 8 9 10 11 12 13	DNA-binding Developmental protein Activator Repressor RNA-binding Chromatin regulator Ribonucleoprotein Serine/threonine-protein ki Chaperone Ribosomal protein Growth factor Protein kinase inhibitor Calmodulin-binding Hormone	6518 3897 2574 1988 2728 1038 1886 1782 937 1408 398 49 520 338 133 115	546.53 655.21 600.51 589.29 575.76 847.06 272.29 802.24 430.43 186.38 299.63 337.20 1229.00 221.13 422.71 408.43	0.87 0.86 0.88 0.85 0.76 0.90 0.60 0.84 0.71 0.53 0.70 0.96 0.90 0.90 0.90	46.90 31.10 28.12 22.63 16.62 13.91 13.39 11.56 10.02 9.34 8.98 8.34 7.57 7.24 7.18 6.76	1		0 1 2 3 4 5 6 7 8 9 10		name  DNA binding quence-specific DNA binding chromatin binding RNA binding RNA binding receptor binding protein serine/threonine ki structural molecule activity structural constituent of r calmodulin binding growth factor activity protein kinase inhibitor ac hormone activity	n 8254 3836 1538 5797 4109 1942 2884 1350 710 458 237 452 1090 633	avg_len 574.89 536.95 713.64 565.80 529.68 784.87 558.88 182.95 1079.79 312.38 401.60 218.09	avg_dis 0.86 0.92 0.93 0.73 0.68 0.84 0.64 0.53 0.88 0.70 0.82	46.13 41.77 23.54 19.79 14.04 12.88 10.84 9.25 9.22 8.99 8.94 8.84	1 1 1 1 1 1 1 1 1 1 1
0 1 2 3 4 5 6 7 8 8 9 10 11 11 12 13 14 15 16	DNA-binding Developmental protein Activator Repressor RNA-binding Chromatin regulator Ribonucleoprotein Serine/threonine-protein ki Chaperone Ribosomal protein Growth factor Protein kinase inhibitor Calmodulin-binding Hormone Cyclin Signal transduction inhibitor Guanine-nucleotide releasin	6518 3897 2574 1988 2728 1038 1886 1782 937 1408 398 49 520 338 133 115 319	546.53 655.21 600.51 589.29 575.76 847.06 272.29 802.24 430.43 186.38 299.63 337.20 1229.00 221.13 422.71 408.43 1144.39	0.87 0.86 0.88 0.85 0.76 0.90 0.60 0.84 0.71 0.53 0.70 0.96 0.90 0.59 0.87 0.84 0.90	46.90 31.10 28.12 22.63 16.62 13.91 13.39 11.56 10.02 9.34 8.98 8.34 7.57 7.24 7.18 6.76 6.40			0 1 2 3 4 5 6 7 8 9 10 11 12	CCE	name  DNA binding quence-specific DNA binding chromatin binding RNA binding RNA binding receptor binding protein serine/threonine ki structural molecule activity structural constituent of r calmodulin binding growth factor activity protein kinase inhibitor ac hormone activity ell adhesion molecule binding GTPase activator activity actin binding	n 8254 3836 1538 5797 4109 1942 2884 1350 710 458 237 452 1090 633 1228	avg_len 574.89 536.95 713.64 565.80 529.68 784.87 558.88 182.95 1079.79 312.38 401.60 218.09 805.74 820.60 1000.47	avg_dis 0.86 0.92 0.93 0.73 0.68 0.84 0.64 0.53 0.88 0.70 0.82 0.61 0.80 0.87	46.13 41.77 23.54 19.79 14.04 12.88 10.84 9.25 9.22 8.99 8.94 8.60 8.15 7.73	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17	DNA-binding Developmental protein Activator Repressor RNA-binding Chromatin regulator Ribonucleoprotein Serine/threonine-protein ki Chaperone Ribosomal protein Growth factor Protein kinase inhibitor Calmodulin-binding Hormone Cyclin Signal transduction inhibitor Guanine-nucleotide releasin GTPase activation	6518 3897 2574 1988 2728 1038 1886 1782 937 1408 398 49 520 338 133 115 319 424	546.53 655.21 600.51 589.29 575.76 847.06 272.29 802.24 430.43 186.38 299.63 337.20 1229.00 221.13 408.43 1144.39 867.35	0.87 0.86 0.88 0.85 0.76 0.90 0.60 0.84 0.71 0.53 0.70 0.96 0.90 0.90 0.90	46.90 31.10 28.12 22.63 16.62 13.91 13.39 11.56 10.02 9.34 8.98 8.34 7.57 7.24 7.18 6.76 6.40 6.28	1		0 1 2 3 4 5 6 7 8 9 10 11 12 13	CE	name  DNA binding quence-specific DNA binding chromatin binding RNA binding RNA binding receptor binding protein serine/threonine ki structural molecule activity structural constituent of r calmodulin binding growth factor activity protein kinase inhibitor ac hormone activity ell adhesion molecule binding GTPase activator activity actin binding cyclin-dependent protein se	n 8254 3836 1538 5797 4109 1942 2884 1350 710 458 237 452 1090 633 1228 142	avg_len 574.89 536.95 713.64 565.80 529.68 784.87 558.88 182.95 1079.79 312.38 401.60 218.09 805.74 820.60 1000.47 357.65	avg_dis 0.86 0.92 0.93 0.73 0.68 0.84 0.64 0.53 0.88 0.70 0.82 0.61 0.80 0.87	46.13 41.77 23.54 19.79 14.04 12.88 10.84 9.25 9.22 8.99 8.94 8.84 8.60 8.15 7.73 6.58	1 1 1 1 1 1 1 1 1 1 1 1 1 1
0 1 2 3 4 5 6 7 8 8 9 10 11 12 13 14 15 16 17 18	DNA-binding Developmental protein Activator Repressor RNA-binding Chromatin regulator Ribonucleoprotein Serine/threonine-protein ki Chaperone Ribosomal protein Growth factor Protein kinase inhibitor Calmodulin-binding Hormone Cyclin Signal transduction inhibitor Guanine-nucleotide releasin GTPase activation Growth factor binding	6518 3897 2574 1988 2728 1038 1886 1782 937 1408 398 49 520 338 133 115 319 424 50	546.53 655.21 600.51 589.29 575.76 847.06 272.29 802.24 430.43 186.38 299.63 337.20 1229.00 221.13 422.71 408.43 1144.39 867.35 593.98	0.87 0.86 0.88 0.85 0.76 0.90 0.60 0.84 0.71 0.53 0.70 0.96 0.90 0.59 0.87 0.87	46.90 31.10 28.12 22.63 16.62 13.91 11.56 10.02 9.34 8.98 8.34 7.57 7.24 7.18 6.76 6.40 6.28 6.09			0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16	CCC	name  DNA binding quence-specific DNA binding chromatin binding RNA binding receptor binding protein serine/threonine ki structural molecule activity structural constituent of r calmodulin binding growth factor activity protein kinase inhibitor ac hormone activity ell adhesion molecule binding GTPase activator activity actin binding syclin-dependent protein se protein tyrosine kinase act	n 8254 3836 1538 5797 4109 1942 2884 1350 710 458 237 452 1090 633 1228 142 504	avg_len 574.89 536.95 713.64 565.80 529.68 784.87 558.88 182.95 1079.79 312.38 401.60 218.09 805.74 820.60 1000.47 357.65	avg_dis 0.86 0.92 0.93 0.73 0.68 0.84 0.64 0.53 0.88 0.70 0.82 0.61 0.80 0.87 0.80	46.13 41.77 23.54 19.79 14.04 12.88 10.84 9.25 9.22 8.99 8.94 8.84 8.60 8.15 7.73 6.58 6.26	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
0 1 2 3 4 4 5 6 7 8 8 9 10 11 12 13 14 15 16 17 18 19	DNA-binding Developmental protein Activator Repressor RNA-binding Chromatin regulator Ribonucleoprotein Serine/threonine-protein ki Chaperone Ribosomal protein Growth factor Protein kinase inhibitor Calmodulin-binding Hormone Cyclin Signal transduction inhibitor Guanine-nucleotide releasin GTPase activation Growth factor binding	6518 3897 2574 1988 2728 1038 1038 1886 1782 937 1408 398 49 520 338 133 115 319 424 50 105	546.53 655.21 600.51 589.29 575.76 272.29 802.24 430.43 186.38 299.63 337.20 1229.00 221.13 422.71 408.43 1144.39 867.35 593.98 234.96	0.87 0.86 0.88 0.85 0.76 0.90 0.60 0.84 0.71 0.53 0.70 0.96 0.90 0.59 0.87 0.84 0.90 0.90 0.60 0.90 0.60 0.90 0.60 0.90 0.60 0.90 0.60 0.90 0.87 0.90 0.87 0.90 0.87 0.90 0.87	46.90 31.10 28.12 22.63 16.62 13.91 11.56 10.02 9.34 8.98 8.34 7.57 7.24 7.18 6.76 6.40 6.28 6.09 5.99			0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16	ce	name  DNA binding quence-specific DNA binding chromatin binding RNA binding RNA binding receptor binding protein serine/threonine ki structural molecule activity structural constituent of r calmodulin binding growth factor activity protein kinase inhibitor ac hormone activity ell adhesion molecule binding GTPase activator activity actin binding syclin-dependent protein se protein tyrosine kinase act uanyl-nucleotide exchange	n 8254 3836 1538 5797 4109 1942 2884 1350 710 458 237 452 1090 633 1228 142 504	avg_len 574.89 536.95 713.64 565.80 529.68 784.87 558.88 182.95 1079.79 312.38 401.60 218.09 805.74 820.60 1000.47 357.65 933.02	avg_dis 0.86 0.92 0.93 0.73 0.68 0.84 0.64 0.53 0.88 0.70 0.82 0.61 0.80 0.87 0.80 0.77 0.86	46.13 41.77 23.54 19.79 14.04 12.88 10.84 9.25 9.22 8.99 8.94 8.84 8.60 8.15 7.73 6.58 6.26	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
0 1 2 3 4 4 5 6 6 7 8 8 9 10 11 12 13 14 15 16 17 18 19 19 20	DNA-binding Developmental protein Activator Repressor RNA-binding Chromatin regulator Ribonucleoprotein Serine/threonine-protein ki Chaperone Ribosomal protein Growth factor Protein kinase inhibitor Calmodulin-binding Hormone Cyclin Signal transduction inhibitor Guanine-nucleotide releasin GTPase activation Growth factor binding Neuropeptide Potassium channel	6518 3897 2574 1988 2728 1038 1886 1782 937 1408 398 49 520 338 133 115 50 105 191	546.53 655.21 600.51 589.29 575.76 847.06 272.29 802.24 430.43 186.38 299.63 337.20 221.13 422.71 408.43 1144.39 867.35 593.98 234.96 621.52	0.87 0.86 0.88 0.85 0.76 0.90 0.60 0.84 0.71 0.53 0.70 0.96 0.99 0.87 0.84 0.90 0.59 0.87 0.84 0.90 0.60 0.90 0.80 0.90 0.80	46.90 31.10 28.12 22.63 16.62 13.91 11.56 10.02 9.34 8.98 8.34 7.57 7.24 7.18 6.76 6.40 6.28 6.09 5.99 5.10			0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17	ce	name DNA binding quence-specific DNA binding chromatin binding RNA binding RNA binding receptor binding protein serine/threonine ki structural molecule activity structural constituent of r calmodulin binding growth factor activity protein kinase inhibitor ac hormone activity ell adhesion molecule binding GTPase activator activity actin binding cyclin-dependent protein se protein tyrosine kinase act uanyl-nucleotide exchange protein phosphatase inhibit	n 8254 3836 1538 5797 4109 1942 2884 1350 710 458 237 452 1090 633 1228 142 504 575	avg_len 574.89 536.95 713.64 565.80 529.68 784.87 558.88 182.95 1079.79 312.38 401.60 218.09 805.74 820.60 1000.47 357.65 933.02 990.55 425.83	avg_dis 0.86 0.92 0.93 0.73 0.68 0.84 0.64 0.53 0.88 0.70 0.82 0.61 0.80 0.87 0.80 0.77	46.13 41.77 23.54 19.79 14.04 12.88 10.84 9.25 9.22 8.99 8.94 8.84 8.60 8.15 7.73 6.58 6.26 6.22 6.19	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
0 1 2 3 4 4 5 6 6 7 8 8 9 10 11 12 13 14 15 16 17 18 19 20 21	DNA-binding Developmental protein Activator Repressor RNA-binding Chromatin regulator Ribonucleoprotein Serine/threonine-protein ki Chaperone Ribosomal protein Growth factor Protein kinase inhibitor Calmodulin-binding Hormone Cyclin Signal transduction inhibitor Guanine-nucleotide releasin GTPase activation Growth factor binding Neuropeptide Potassium channel	6518 3897 2574 1988 2728 1038 1886 1782 937 1408 398 49 520 338 133 115 319 424 50 105 191 193	546.53 655.21 600.51 589.29 575.76 847.06 272.29 802.24 430.43 186.38 299.63 337.20 221.13 422.71 408.43 1144.39 867.35 593.98 234.96 621.52	0.87 0.86 0.88 0.88 0.76 0.90 0.60 0.84 0.71 0.53 0.70 0.90 0.90 0.90 0.89 0.87 0.84 0.96 0.88 1 0.68 0.85	46.90 31.10 28.12 22.63 16.62 13.91 11.56 10.02 9.34 8.98 8.34 7.57 7.24 7.18 6.76 6.40 6.28 6.09 5.99 5.10			0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18	ce c	name DNA binding quence-specific DNA binding chromatin binding RNA binding RNA binding RNA binding receptor binding protein serine/threonine ki structural molecule activity structural constituent of r calmodulin binding growth factor activity protein kinase inhibitor ac hormone activity ell adhesion molecule binding GTPase activator activity actin binding syclin-dependent protein se protein tyrosine kinase act uanyl-nucleotide exchange protein phosphatase inhibit heparin binding	n 8254 3836 1538 5797 4109 1942 2884 1350 710 458 237 452 1090 633 1228 142 504 575 89	avg_len 574.89 536.95 713.64 565.80 529.68 784.87 558.88 182.95 1079.79 312.38 401.60 218.09 805.74 820.60 1000.47 357.65 933.02 990.55 425.83 652.76	avg_dis 0.86 0.92 0.93 0.68 0.84 0.64 0.53 0.88 0.70 0.82 0.61 0.80 0.87 0.80 0.87 0.80 0.77	46.13 41.77 23.54 19.79 14.04 12.88 10.84 9.25 9.22 8.99 8.94 8.60 6.26 6.22 6.19 6.01	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
0 1 2 3 4 4 5 6 7 8 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22	DNA-binding Developmental protein Activator Repressor RNA-binding Chromatin regulator Ribonucleoprotein Serine/threonine-protein ki Chaperone Ribosomal protein Growth factor Protein kinase inhibitor Calmodulin-binding Hormone Cyclin Signal transduction inhibitor Guanine-nucleotide releasin GTPase activation Growth factor binding Neuropeptide Potassium channel Calcium channel	6518 3897 2574 1988 2728 1038 1038 11886 1782 937 1408 398 49 520 338 133 115 319 424 50 191 193 64	546.53 655.21 600.51 589.29 575.76 847.06 272.29 802.24 430.43 186.38 299.63 337.20 1229.00 221.13 422.71 408.43 1144.39 867.35 593.98 234.96 621.52 1397.77	0.87 0.86 0.88 0.85 0.76 0.90 0.60 0.84 0.71 0.53 0.70 0.96 0.99 0.87 0.84 0.99 0.89 0.89 0.89 0.99 0.88 1 0.98 0.9	46,90 31,10 28,12 22,63 16,62 13,91 11,56 10,02 9,34 8,98 8,34 7,57 7,24 7,18 6,76 6,40 6,28 6,09 5,10 5,09 5,07			0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18		name  DNA binding quence-specific DNA binding chromatin binding RNA binding RNA binding RNA binding receptor binding protein serine/threonine ki structural molecule activity structural constituent of r calmodulin binding growth factor activity protein kinase inhibitor ac hormone activity actin binding GTPase activator activity actin binding syclin-dependent protein se protein tyrosine kinase act uanyl-nucleotide exchange protein phosphatase inhibit heparin binding europeptide hormone activity	n 8254 3836 1538 5797 4109 1942 2884 1350 710 458 237 452 237 452 1090 633 1228 142 504 575 89	avg_len 574.89 536.95 713.64 565.80 529.68 784.87 558.88 182.95 1079.79 312.38 401.60 218.09 805.74 820.60 1000.47 357.65 933.02 990.55 425.83 652.76	avg_dis 0.86 0.92 0.93 0.73 0.68 0.84 0.64 0.53 0.88 0.70 0.82 0.61 0.80 0.77 0.86 0.87 0.89 0.77	46.13 41.77 23.54 19.79 14.04 12.88 10.84 9.25 8.99 8.94 8.84 8.60 8.15 7.73 6.58 6.26 6.22 6.19	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
0 1 2 3 4 4 5 6 7 8 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23	DNA-binding Developmental protein Activator Repressor RNA-binding Chromatin regulator Ribonucleoprotein Serine/threonine-protein ki Chaperone Ribosomal protein Growth factor Protein kinase inhibitor Calmodulin-binding Hormone Cyclin Signal transduction inhibitor Guanine-nucleotide releasin GTPase activation Growth factor binding Neuropeptide Potassium channel Calcium channel Protein phosphatase inhibitor Tyrosine-protein kinase	6518 3897 2574 1988 2728 1038 1038 11886 1782 937 1408 398 49 520 338 133 115 319 424 50 105 105 105 105 105 105 105	546.53 655.21 600.51 589.29 575.76 847.06 272.29 802.24 430.43 186.38 299.63 337.20 1229.00 221.13 422.71 408.43 1144.39 867.35 593.98 234.96 621.52 1397.77 352.86 863.00	0.87 0.86 0.88 0.85 0.76 0.90 0.60 0.84 0.71 0.53 0.70 0.96 0.99 0.87 0.84 0.96 0.88 1 0.68 0.85 0.90 0.90 0.60 0.60 0.60 0.71 0.53 0.70 0.90 0.84 0.90 0.90 0.90 0.87 0.88 0.88 0.88 0.88 0.88 0.88 0.88 0.88 0.88 0.88 0.88 0.88 0.88 0.88 0.88 0.88 0.93 0.93 0.93 0.93 0.93 0.93 0.93 0.94 0.94 0.96 0.96 0.90 0.90 0.90 0.90 0.90 0.90 0.90 0.90 0.90 0.88 0.8	46,90 31,10 28,12 22,63 16,62 13,91 11,56 10,02 9,34 8,98 8,34 7,57 7,24 7,18 6,76 6,40 6,28 6,59 5,99 5,10 5,09 5,07 5,04			0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21		name  DNA binding quence-specific DNA binding chromatin binding RNA binding RNA binding receptor binding protein serine/threonine ki structural molecule activity structural constituent of r calmodulin binding growth factor activity protein kinase inhibitor ac hormone activity ell adhesion molecule binding GTPase activator activity actin binding ycyclin-dependent protein se protein tyrosine kinase act uanyl-nucleotide exchange protein phosphatase inhibit heparin binding europeptide hormone activity microtubule motor activity	n 8254 3836 1538 5797 4109 1942 2884 1350 710 458 237 452 1090 633 1228 142 504 507 89 403	avg_len 574.89 536.95 713.64 565.80 529.68 784.87 558.88 182.95 1079.79 312.38 401.60 218.09 805.74 820.60 1000.47 357.65 933.02 990.55 425.83 652.76 158.64 1394.78	avg_dis 0.86 0.92 0.93 0.73 0.68 0.84 0.64 0.53 0.88 0.70 0.82 0.81 0.80 0.77 0.80 0.77 0.86 0.87 0.80 0.77 0.86 0.87 0.80 0.77 0.80 0.77 0.80 0.77 0.80 0.77 0.80 0.77 0.80 0.77 0.80 0.77 0.80 0.77 0.80 0.77 0.80 0.8	46.13 41.77 23.54 19.79 14.04 12.88 10.84 9.25 8.99 8.94 8.84 8.60 8.15 7.73 6.58 6.26 6.22 6.19 6.01 5.88	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
0 1 2 3 4 4 5 6 7 7 8 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 22 23 24	DNA-binding Developmental protein Activator Repressor RNA-binding Chromatin regulator Ribonucleoprotein Serine/threonine-protein ki Chaperone Ribosomal protein Growth factor Protein kinase inhibitor Calmodulin-binding Hormone Cyclin Signal transduction inhibitor Guanine-nucleotide releasin GTPase activation Growth factor binding Neuropeptide Potassium channel Calcium channel Protein phosphatase inhibitor Tyrosine-protein kinase Mitogen	6518 3897 2574 1988 2728 1038 1038 1886 1782 937 1408 398 49 520 338 115 319 424 50 105 191 193 64 376 137	546.53 655.21 600.51 589.29 575.76 847.06 272.29 802.24 430.43 186.38 299.63 337.20 1229.00 221.13 422.71 408.43 1144.39 867.35 593.98 234.96 621.52 1397.77 352.86 863.00 286.03	0.87 0.86 0.88 0.85 0.76 0.90 0.60 0.84 0.71 0.53 0.70 0.96 0.99 0.59 0.87 0.84 0.96 0.88 1 0.68 0.85 0.90 0.60 0.84 0.71 0.90 0.90 0.50 0.90 0.50 0.90 0.50 0.90 0.50 0.90 0.90 0.90 0.90 0.90 0.90 0.90 0.90 0.90 0.50 0.87 0.90 0.87 0.87 0.88 0.90 0.88 0.90 0.88 0.90 0.88 0.90 0.88 0.90 0.88 0.90 0.88 0.90 0.88 0.90 0.88 0.90 0.88 0.90 0.88 0.90 0.88 0.90 0.90 0.90 0.88 0.90 0.88 0.90 0.90 0.90 0.88 0.90 0.90 0.90 0.88 0.90 0.90 0.90 0.90 0.90 0.90 0.88 0.90 0.90 0.90 0.88 0.90 0.9	46,90 31,10 28,12 22,63 16,62 13,91 11,56 10,02 9,34 8,98 8,34 7,57 7,24 7,18 6,76 6,40 6,28 6,09 5,99 5,10 5,09 5,07 5,04 4,80			0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22		name  DNA binding quence-specific DNA binding chromatin binding RNA binding RNA binding receptor binding protein serine/threonine ki structural molecule activity structural constituent of r calmodulin binding growth factor activity protein kinase inhibitor ac hormone activity ell adhesion molecule binding GTPase activator activity actin binding cyclin-dependent protein se protein tyrosine kinase act uanyl-nucleotide exchange protein phosphatase inhibit heparin binding europeptide hormone activity microtubule motor activity enzyme inhibitor activity	n 8254 3836 1538 5797 4109 1942 2884 452 1090 633 1228 142 504 458 1228 142 504 147 575 89 403	avg_len 574.89 536.95 713.64 565.80 529.68 784.87 558.88 182.95 1079.79 312.38 401.60 218.09 1000.47 357.65 933.02 990.55 425.83 652.76 158.64 1394.78 462.66	avg_dis 0.86 0.92 0.93 0.73 0.73 0.68 0.84 0.64 0.53 0.88 0.70 0.82 0.61 0.80 0.87 0.80 0.77 0.86 0.86 0.83	46.13 41.77 23.54 19.79 14.04 12.88 9.25 9.22 8.99 8.94 8.84 8.60 6.26 6.22 6.19 5.65 5.65 5.65	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
0 1 2 3 4 4 5 6 7 7 8 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 22 23 24 25	DNA-binding Developmental protein Activator Repressor RNA-binding Chromatin regulator Ribonucleoprotein Serine/threonine-protein ki Chaperone Ribosomal protein Growth factor Protein kinase inhibitor Calmodulin-binding Hormone Cyclin Signal transduction inhibitor Guanine-nucleotide releasin GTPase activation Growth factor binding Neuropeptide Potassium channel Calcium channel Protein phosphatase inhibitor Tyrosine-protein kinase Mitogen Vasoactive	6518 3897 2574 1988 2728 1038 1886 11782 937 1408 398 49 520 338 115 319 424 50 105 191 193 64 376 137 46	546.53 655.21 600.51 589.29 575.76 272.29 802.24 430.43 186.38 299.63 337.20 1229.00 221.13 422.71 408.43 1144.39 867.35 593.98 234.96 621.52 1397.77 352.86 863.00 286.03 267.00	0.87 0.86 0.88 0.85 0.76 0.90 0.60 0.84 0.71 0.53 0.70 0.96 0.90 0.59 0.87 0.84 0.96 0.88 1 0.68 0.85 0.88 1 0.68 0.89 0.89 0.89 0.90 0.84 0.90 0.90 0.84 0.90 0.84 0.90 0.84 0.90 0.84 0.90 0.84 0.90 0.88	46.90 31.10 28.12 22.63 16.62 13.91 11.56 10.02 9.34 8.98 8.34 7.57 7.24 7.24 7.18 6.76 6.40 6.28 6.09 5.99 5.10 5.09 5.07 5.04 4.80 4.29			0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22		name  DNA binding quence-specific DNA binding chromatin binding RNA binding RNA binding receptor binding protein serine/threonine ki structural molecule activity structural constituent of r calmodulin binding growth factor activity protein kinase inhibitor ac hormone activity adhesion molecule binding GTPase activator activity actin binding cyclin-dependent protein se protein tyrosine kinase act uanyl-nucleotide exchange protein phosphatase inhibit heparin binding europeptide hormone activity microtubule motor activity enzyme inhibitor activity	n 8254 3836 1538 5797 4109 41942 2884 1350 710 458 237 452 1090 633 1228 142 504 575 89 403 1117 225 1059 339	avg_len 574.89 536.95 713.64 565.80 529.68 784.87 558.88 182.95 1079.79 312.38 401.60 218.09 805.74 820.60 1000.47 357.65 933.02 990.55 425.83 652.76 158.64 1394.78 462.66 612.39	avg_dis 0.86 0.92 0.93 0.73 0.68 0.64 0.64 0.53 0.88 0.70 0.82 0.61 0.80 0.87 0.80 0.77 0.86 0.86 0.83 0.79	46.13 41.77 23.54 19.79 14.04 12.88 9.22 8.99 8.94 8.60 6.26 6.22 6.19 6.01 4.88	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
0 1 2 3 4 5 6 7 7 8 8 9 9 10 11 12 13 14 15 16 17 18 19 20 20 21 22 23 24 25 26	DNA-binding Developmental protein Activator Repressor RNA-binding Chromatin regulator Ribonucleoprotein Serine/threonine-protein ki Chaperone Ribosomal protein Growth factor Protein kinase inhibitor Calmodulin-binding Hormone Cyclin Signal transduction inhibitor Guanine-nucleotide releasin GTPase activation Growth factor binding Neuropeptide Potassium channel Calcium channel Crotein phosphatase inhibitor Tyrosine-protein kinase Mitogen Vasoactive Heparin-binding	6518 3897 2574 1988 2728 1038 1886 1782 937 1408 398 520 338 133 115 319 50 105 191 193 64 376 137 46 221	546.53 655.21 600.51 589.29 575.76 847.06 272.29 802.24 430.43 186.38 299.63 337.20 1229.00 221.13 422.71 408.43 1144.39 867.35 593.98 234.96 621.52 1397.77 352.86 863.00 286.03 267.00 650.97	0.87 0.86 0.88 0.85 0.76 0.90 0.60 0.84 0.71 0.53 0.70 0.96 0.96 0.99 0.87 0.84 0.96 0.88 1 0.68 0.85 0.90 0.89 0.89 0.90 0.84 0.90 0.90 0.90 0.84 0.90 0.84 0.90 0.84 0.90 0.84 0.90 0.84 0.90 0.84 0.96 0.88 0.88 0.93 0.93 0.93 0.93 0.93 0.93 0.94 0.95 0.88 0.95 0.95 0.88 0.95 0.95 0.95 0.95 0.85 0.95 0.95 0.85 0.95 0.85 0.95 0.95 0.95 0.85 0.9	46,90 31,10 28,12 22,63 16,62 113,91 11,56 10,02 9,34 8,98 7,77 7,24 7,18 6,76 6,40 5,99 5,10 5,09 5,04 4,80 4,80 4,80 4,80 4,80 4,80 4,80 4			0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24		name DNA binding quence-specific DNA binding chromatin binding RNA binding RNA binding receptor binding protein serine/threonine ki structural molecule activity structural constituent of r calmodulin binding growth factor activity protein kinase inhibitor ac hormone activity ell adhesion molecule binding GTPase activator activity actin binding cyclin-dependent protein se protein tyrosine kinase act uanyl-nucleotide exchange protein phosphatase inhibit heparin binding europeptide hormone activity microtubule motor activity enzyme inhibitor activity damaged DNA binding	n 8254 3836 1538 5797 4109 41942 2884 1350 710 458 237 452 1090 633 1228 142 504 575 89 403 1117 225 1059 339 284	avg_len 574.89 536.95 713.64 565.80 529.68 784.87 558.88 182.95 1079.79 312.38 401.60 218.09 805.74 820.60 1000.47 357.65 933.02 990.55 425.83 652.76 1394.78 462.66 612.39 680.80	avg_dis 0.86 0.92 0.93 0.68 0.84 0.64 0.53 0.88 0.80 0.70 0.82 0.61 0.80 0.87 0.86 0.86 0.87 0.86 0.87 0.86 0.87 0.86 0.87 0.86 0.87 0.86 0.86 0.87 0.86 0.87 0.86 0.87 0.87 0.88 0.89 0.99 0.9	46.13 41.77 23.54 19.79 14.04 12.88 9.22 8.99 8.94 8.60 8.15 7.73 6.58 6.26 6.22 6.19 6.01 5.88 5.65 5.66 4.88	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
0 1 2 3 4 5 6 7 8 8 9 9 10 11 12 13 14 15 16 17 18 19 20 21 22 22 23 24 25 27	DNA-binding Developmental protein Activator Repressor RNA-binding Chromatin regulator Ribonucleoprotein Serine/threonine-protein ki Chaperone Ribosomal protein Growth factor Protein kinase inhibitor Calmodulin-binding Hormone Cyclin Signal transduction inhibitor Guanine-nucleotide releasin GTPase activation Growth factor binding Neuropeptide Potassium channel Calcium channel Protein phosphatase inhibitor Tyrosine-protein kinase Mitogen Vasoactive Heparin-binding Muscle protein	6518 3897 2574 1988 2728 1038 1886 1782 937 1408 398 49 520 338 133 115 319 424 424 50 105 191 193 64 376 46 221 193	546.53 655.21 600.51 589.29 575.76 847.06 272.29 802.24 430.43 186.38 299.63 337.20 1229.00 221.13 422.71 408.43 1144.39 867.35 593.98 234.96 621.52 1397.77 352.86 863.00 286.03 267.00 650.97 920.01	0.87 0.86 0.88 0.88 0.76 0.90 0.60 0.84 0.71 0.53 0.70 0.96 0.99 0.87 0.84 0.96 0.88 1 0.68 0.85 0.93 0.81 0.89 0.81 0.89 0.81 0.89 0.81 0.89 0.88 0.88 0.88 0.88 0.88 0.88 0.89 0.89 0.89 0.89 0.89 0.89 0.89 0.89 0.89 0.89 0.89 0.89 0.89 0.88 0.88 0.88 0.88 0.88 0.89 0.8	46,90 31,10 28,12 22,63 16,62 11,391 11,391 11,56 10,02 9,34 8,98 7,724 7,18 6,76 6,40 6,28 5,99 5,10 5,09 5,07 5,04 4,80 4,29 3,88 3,81			0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24	ccc c c c l l	name DNA binding quence-specific DNA binding chromatin binding RNA binding RNA binding RNA binding receptor binding protein serine/threonine ki structural molecule activity structural constituent of r calmodulin binding growth factor activity protein kinase inhibitor ac hormone activity actin binding GTPase activator activity actin binding cyclin-dependent protein se protein tyrosine kinase act uanyl-nucleotide exchange protein phosphatase inhibit heparin binding europeptide hormone activity microtubule motor activity microtubule motor activity potassium channel activity damaged DNA binding growth factor binding	n 8254 3836 1538 5797 4109 1942 2884 1350 710 458 237 452 1090 633 1228 142 504 575 89 403 117 225 1059 339 284 351	avg_len 574.89 536.95 713.64 565.80 529.68 784.87 558.88 182.95 1079.79 312.38 401.60 218.09 805.74 820.60 1000.47 357.65 933.02 990.55 425.83 652.76 138.64 1394.78 462.66 612.39 680.80 737.85	avg_dis 0.86 0.92 0.93 0.73 0.68 0.84 0.64 0.53 0.82 0.61 0.80 0.87 0.80 0.86 0.86 0.87 0.68 0.86 0.87 0.80 0.86 0.86 0.87 0.86 0.86 0.87 0.86 0.86 0.87 0.86 0.86 0.86 0.87 0.86 0.86 0.86 0.87 0.86 0.86 0.86 0.87 0.86 0.86 0.86 0.86 0.86 0.87 0.86 0.87 0.86 0.86 0.86 0.86 0.86 0.86 0.87 0.86 0.87 0.86 0.87 0.86 0.86 0.87 0.86 0.87 0.86 0.87 0.86 0.87 0.86 0.87 0.87 0.86 0.87 0.8	46.13 41.77 23.54 19.79 14.04 12.88 10.84 9.25 9.22 8.99 8.94 8.60 6.26 6.22 6.19 6.01 5.88 5.65 5.65 4.88 4.31	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
0 1 2 3 4 4 5 6 7 7 8 8 9 10 11 11 12 13 14 15 15 16 17 18 19 20 21 22 23 24 25 26 26 27 27 28 28 28 29 20 20 20 20 20 20 20 20 20 20 20 20 20	DNA-binding Developmental protein Activator Repressor RNA-binding Chromatin regulator Ribonucleoprotein Serine/threonine-protein ki Chaperone Ribosomal protein Growth factor Protein kinase inhibitor Calmodulin-binding Hormone Cyclin Signal transduction inhibitor Guanine-nucleotide releasin GTPase activation Growth factor binding Neuropeptide Potassium channel Calcium channel Protein phosphatase inhibitor Tyrosine-protein kinase Mitogen Vasoactive Heparin-binding Muscle protein Actin-binding	6518 3897 2574 1988 2728 1038 11886 1782 937 1408 398 49 49 49 424 50 105 191 193 64 376 421 193 837	546.53 655.21 600.51 589.29 575.76 847.06 272.29 802.24 430.43 186.38 299.63 337.20 1229.00 221.13 422.71 408.43 1144.39 867.35 593.98 621.52 1397.77 352.86 863.00 286.03 267.00 650.97 920.01	0.87 0.86 0.88 0.88 0.85 0.76 0.90 0.60 0.84 0.71 0.53 0.70 0.96 0.89 0.87 0.84 0.96 0.88 1 0.68 0.85 0.93 0.81 0.89 0.89 0.81 0.89 0.88 0.88 0.88 0.88 0.88 0.88 0.88 0.89 0.8	46,90 31.10 28.12 22.63 16.62 13.91 11.56 10.02 9.34 8.98 8.34 7.57 7.24 7.18 6.76 6.40 6.28 6.09 5.10 5.09 5.07 5.04 4.80 4.29 4.89 3.81 3.80			0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26	ccc c c c l l	name DNA binding quence-specific DNA binding chromatin binding RNA binding RNA binding RNA binding receptor binding protein serine/threonine ki structural molecule activity structural constituent of r calmodulin binding growth factor activity protein kinase inhibitor ac hormone activity actin binding GTPase activator activity actin binding syclin-dependent protein se protein tyrosine kinase act uanyl-nucleotide exchange protein phosphatase inhibit heparin binding europeptide hormone activity microtubule motor activity enzyme inhibitor activity damaged DNA binding growth factor binding chloride channel inhibitor	n 8254 3836 1538 5797 4109 1942 2884 1350 710 458 237 452 1090 633 1228 142 504 403 1117 225 1059 403 117 225 1059 403 117 225 1059 405 405 405 405 405 405 405 405 405 405	avg_len 574.89 536.95 713.64 565.80 529.68 784.87 558.88 182.95 1079.79 312.38 401.60 218.09 805.74 820.60 1000.47 357.65 933.02 990.55 425.83 652.76 158.64 1394.78 462.66 612.39 680.80 737.85 827.64	avg_dis 0.86 0.92 0.93 0.73 0.68 0.84 0.64 0.53 0.88 0.70 0.80 0.87 0.80 0.77 0.86 0.83 0.76 0.65 0.97 0.63	46.13 41.77 23.54 19.79 14.04 12.88 10.84 9.25 9.22 8.99 8.94 8.60 8.15 7.73 6.58 6.26 6.22 6.19 6.01 5.88 5.65 5.60 4.88 4.31 4.20 3.96	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
0 1 2 3 4 5 6 7 8 8 9 9 10 11 12 13 14 15 16 17 18 19 20 21 22 22 23 24 25 27	DNA-binding Developmental protein Activator Repressor RNA-binding Chromatin regulator Ribonucleoprotein Serine/threonine-protein ki Chaperone Ribosomal protein Growth factor Protein kinase inhibitor Calmodulin-binding Hormone Cyclin Signal transduction inhibitor Guanine-nucleotide releasin GTPase activation Growth factor binding Neuropeptide Potassium channel Calcium channel Protein phosphatase inhibitor Tyrosine-protein kinase Mitogen Vasoactive Heparin-binding Muscle protein	6518 3897 2574 1988 2728 1038 1886 1782 937 1408 398 49 520 338 133 115 319 424 424 50 105 191 193 64 376 46 221 193	546.53 655.21 600.51 589.29 575.76 847.06 272.29 802.24 430.43 186.38 299.63 337.20 1229.00 221.13 422.71 408.43 1144.39 867.35 593.98 234.96 621.52 1397.77 352.86 863.00 286.03 267.00 650.97 920.01	0.87 0.86 0.88 0.88 0.76 0.90 0.60 0.84 0.71 0.53 0.70 0.96 0.99 0.87 0.84 0.96 0.88 1 0.68 0.85 0.93 0.81 0.89 0.81 0.89 0.81 0.89 0.81 0.89 0.88 0.88 0.88 0.88 0.88 0.88 0.89 0.89 0.89 0.89 0.89 0.89 0.89 0.89 0.89 0.89 0.89 0.89 0.89 0.88 0.88 0.88 0.88 0.88 0.89 0.8	46,90 31,10 28,12 22,63 16,62 11,391 11,391 11,56 10,02 9,34 8,98 7,724 7,18 6,76 6,40 6,28 5,99 5,10 5,09 5,07 5,04 4,80 4,29 3,88 3,81			0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 22 23 24 25 26 27	ccc c c c l l	name  DNA binding quence-specific DNA binding chromatin binding RNA binding RNA binding RNA binding receptor binding protein serine/threonine ki structural molecule activity structural constituent of r calmodulin binding growth factor activity protein kinase inhibitor ac hormone activity actin binding GTPase activator activity actin binding gyclin-dependent protein se protein tyrosine kinase act protein tyrosine kinase act protein phosphatase inhibit heparin binding europeptide hormone activity microtubule motor activity potassium channel activity damaged DNA binding growth factor binding chloride channel inhibitor calcium channel activity	n 8254 3836 1538 5797 4109 1942 2884 1350 710 458 237 462 1090 633 1228 142 504 403 117 225 1059 339 431 225 1059 339 431 225 237	avg_len 574.89 536.95 713.64 565.80 529.68 784.87 558.88 182.95 1079.79 312.38 401.60 218.09 805.74 820.60 1000.47 357.65 933.02 990.55 425.83 652.76 158.64 1394.78 462.66 612.39 680.80 737.85 827.64	avg_dis 0.86 0.92 0.93 0.73 0.68 0.84 0.64 0.53 0.88 0.70 0.82 0.61 0.80 0.77 0.80 0.87 0.86 0.83 0.76 0.65 0.97 0.63 0.79 0.80 0.79 0.80 0.79	46.13 41.77 23.54 19.79 14.04 9.25 9.22 8.99 8.94 8.84 8.60 8.15 7.73 6.58 6.26 6.22 6.19 6.01 5.88 5.65 5.60 4.88 4.31 4.20 3.96	
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