									Predviđene neuređene MF klju	čne reči	iz ovoga r	ada (z-sk	or > 0.2	)
								#	name	n	avg_len	avg_dis	Z	p
	`							C	DNA-binding	6518	546.53	0.87	46.90	1
a								1	Developmental protein	3897	655.21	0.86	31.10	1
	•							$\sqrt{2}$	2 Activator	2574	600.51	0.88	28.12	1
20	MF ključnih reči sa najznačajni	jom pre	dviđenom	neuređen	ošću (org	g. 2007	7)	3	Repressor	1988	589.29	0.85	22.63	1
#	name	n prot	n families	avg_len	Z-score	e P-va	lue	// 4	RNA-binding	2728	575.76	0.76	16.62	1
0	Ribonucleoprotein	12236	412	150.55	22.13	1	$\neg \downarrow /$	<b>/ 4</b> 5	Chromatin regulator	1038	847.06	0.90	13.91	1
1	Ribosomal protein	11692	330	140.58	20.63	1	$\neg \checkmark \rightarrow \prime$	1 6	Ribonucleoprotein	1886	272.29	0.60	13.39	1
2	Developmental protein	3260	721	477.93	19.28	1	$\neg / \setminus / /$	/ 7	Serine/threonine-protein ki	1782	802.24	0.84	11.56	1
3	Hormone	1187	161	141.13	15.58	1	$\neg \land \land \lor \land$	8	Chaperone	937	430.43	0.71	10.02	1
4	Growth factor	785	84	255.70	11.16	1	$\neg \mathcal{A} / /$	<b>A</b> 9	Ribosomal protein	1408	186.38	0.53	9.34	1
5	Cytokine	899	110	213.28	10.21	1		10	0 Growth factor	398	299.63	0.70	8.98	1
6	Neuropeptide	268	209	95.08	9.65	1	$\neg \lor \land \lor$	1	1 Protein kinase inhibitor	49	337.20	0.96	8.34	1
7	Activator	3086	573	428.47	9.04	1	<b>─</b>  \// \	1	2 Calmodulin-binding	520	1229.00	0.90	7.57	1
8	GAP protein	47	2	232.96	7.42	1	$\square$ $\chi$	1	3 Hormone	338	221.13	0.59	7.24	1
9	Antigen	1113	455	437.48	6.99	1	//\	14	4 Cyclin	133	422.71	0.87	7.18	1
10	Repressor	2309	449	374.46	6.92	1	<b>□</b> // \	1:	5 Signal transduction inhibitor	115	408.43	0.84	6.76	1
11	Chromatin regulator	334	100	801.24	6.70	1	$\neg$ / $\setminus$ /	10	6 Guanine-nucleotide releasin	319	1144.39	0.96	6.40	1
12	Pyrogen	37	2	262.59	6.44	1	X	1	7 GTPase activation	424	867.35	0.88	6.28	1
13	Vasoactive	125	39	160.39	5.56	1	$\neg \qquad \nearrow$	1	8 Growth factor binding	50	593.98	1	6.09	1
14	Amphibian defense peptide	123	148	50.64	5.44	1		19	9 Neuropeptide	105	234.96	0.68	5.99	1
15	GTPase activation	311	70	831.03	5.36	1	$\exists X \lor$	20	0 Potassium channel	191	621.52	0.85	5.10	1
16	Endorphin	42	4	226.68	5.35	1	$\square$	2	1 Calcium channel	193	1397.77	0.93	5.09	1
17	Opioid peptide	24	4	216.96	5.14	1	$\square$ $\land$ $ \searrow$	2	2 Protein phosphatase inhibitor	64	352.86	0.81	5.07	1
18	Protein phosphatase inhibitor	47	8	366.51	5.07	1	$\exists \mathcal{H}$	2:	3 Tyrosine-protein kinase	376	863.00	0.89	5.04	1
19	Cyclin	182	25	430.58	4.88	1	<b>─/</b>	2	4 Mitogen	137	286.03	0.68	4.80	1
			•		•	•	\	2:	5 Vasoactive	46	267.00	0.76	4.29	1
							\	20	6 Heparin-binding	221	650.97	0.73	3.88	1
h ۱							'	2	7 Muscle protein	193	920.01	0.73	3.81	1
b)								2	8 Actin-binding	837	974.92	0.77	3.80	1
	Predviđene neuređene MF kljud	čne reči	iz ovoga r	ada (z-sko	vr > () 2)			29	9 Amphibian defense peptide	49	85.80	0.53	3.34	1
#	name	n		avg_dis	z	p								
0	DNA-binding	6518	546.53	0.87	46.90	1	_ Γ	Prec	dviđeni neuređeni MF termini dobi	ieni iz d	lirektnog i	izvedeno	g manir	ania
1	Developmental protein	3897	655.21	0.86	31.10	1		#	name	n	avg_len	avg_dis	Z	р
2	Activator	2574	600.51	0.88	28.12	1		0	DNA binding	8254	574.89	0.86	46.13	1
3	Repressor	1988	589.29	0.85	22.63	1			sequence-specific DNA binding	3836	536.95	0.92	41.77	1
4	RNA-binding	2728	575.76	0.76	16.62	1		2	chromatin binding	1538	713.64	0.93	23.54	1
5	Chromatin regulator	1038	847.06	0.90	13.91	1		3	RNA binding	5797	565.80	0.73	19.79	1
6	Ribonucleoprotein	1886	272.29	0.60	13.39	1	, †	4	receptor binding	4109	529.68	0.68	14.04	1
7	Serine/threonine-protein ki	1782	802.24	0.84	11.56	1	<u>'</u>	5	protein serine/threonine ki	1942	784.87	0.84	12.88	1
8	Chaperone	937	430.43	0.71	10.02	1	`	6	structural molecule activity	2884	558.88	0.64	10.84	1
9	Ribosomal protein	1408	186.38	0.53	9.34	1		7	structural constituent of r	1350	182.95	0.53	9.25	1
10	Growth factor	398	299.63	0.70	8.98	1	<u> </u>	8	calmodulin binding	710	1079.79	0.88	9.22	1
11	Protein kinase inhibitor	49	337.20	0.96	8.34	1		9	growth factor activity	458	312.38	0.70	8.99	1
12	Calmodulin-binding	520	1229.00	0.90	7.57	1		10	protein kinase inhibitor ac	237	401.60	0.82	8.94	1
13	Hormone	338	221.13	0.59	7.24	1	1/	11	hormone activity	452	218.09	0.61	8.84	1
14	Cyclin	133	422.71	0.87	7.18	1	. 1 //	12	cell adhesion molecule binding	1090	805.74	0.80	8.60	1
15	Signal transduction inhibitor	115	408.43	0.84	6.76	1		13	GTPase activator activity	633	820.60	0.87	8.15	1
16	Guanine-nucleotide releasin	319	1144.39	0.96	6.40	1		14	actin binding	1228	1000.47	0.80	7.73	1
17	GTPase activation	424	867.35	0.88	6.28	1		15	cyclin-dependent protein se	142	357.65	0.77	6.58	1
18	Growth factor binding	50	593.98	1	6.09	1		16	protein tyrosine kinase act	504	933.02	0.86	6.26	1
19	Neuropeptide	105	234.96	0.68	5.99	1	<b>1</b> , , , , , ,	17	guanyl-nucleotide exchange	575	990.55	0.86	6.22	1
		105	234.90	0.08			\.'.'\!\	4.0		<u> </u>				1
20	Potassium channel	105	621.52	0.85	5.10	1	\ \';' <i>\</i> / \\	18	protein phosphatase inhibit	89	425.83	0.83	6.19	
20						1	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	19	heparin binding	89 403	425.83 652.76	0.83 0.76	6.01	1
	Potassium channel	191	621.52	0.85	5.10			-						1
21	Potassium channel Calcium channel	191 193	621.52 1397.77	0.85 0.93	5.10 5.09	1		19	heparin binding	403	652.76	0.76	6.01	
21 22	Potassium channel Calcium channel Protein phosphatase inhibitor	191 193 64	621.52 1397.77 352.86	0.85 0.93 0.81	5.10 5.09 5.07	1		19 20	heparin binding neuropeptide hormone activity microtubule motor activity enzyme inhibitor activity	403 117	652.76 158.64	0.76 0.65	6.01 5.88	1
21 22 23	Potassium channel Calcium channel Protein phosphatase inhibitor Tyrosine-protein kinase	191 193 64 376	621.52 1397.77 352.86 863.00	0.85 0.93 0.81 0.89	5.10 5.09 5.07 5.04	1 1 1		19 20 21	heparin binding neuropeptide hormone activity microtubule motor activity	403 117 225	652.76 158.64 1394.78	0.76 0.65 0.97	6.01 5.88 5.65	1
21 22 23 24	Potassium channel Calcium channel Protein phosphatase inhibitor Tyrosine-protein kinase Mitogen	191 193 64 376 137	621.52 1397.77 352.86 863.00 286.03	0.85 0.93 0.81 0.89 0.68	5.10 5.09 5.07 5.04 4.80	1 1 1		19 20 21 22	heparin binding neuropeptide hormone activity microtubule motor activity enzyme inhibitor activity	403 117 225 1059	652.76 158.64 1394.78 462.66	0.76 0.65 0.97 0.63	6.01 5.88 5.65 5.60	1 1 1
21 22 23 24 25	Potassium channel Calcium channel Protein phosphatase inhibitor Tyrosine-protein kinase Mitogen Vasoactive	191 193 64 376 137 46	621.52 1397.77 352.86 863.00 286.03 267.00	0.85 0.93 0.81 0.89 0.68 0.76	5.10 5.09 5.07 5.04 4.80 4.29	1 1 1 1		19 20 21 22 23	heparin binding neuropeptide hormone activity microtubule motor activity enzyme inhibitor activity potassium channel activity	403 117 225 1059 339	652.76 158.64 1394.78 462.66 612.39	0.76 0.65 0.97 0.63 0.79	6.01 5.88 5.65 5.60 4.88	1 1 1
21 22 23 24 25 26	Potassium channel Calcium channel Protein phosphatase inhibitor Tyrosine-protein kinase Mitogen Vasoactive Heparin-binding	191 193 64 376 137 46 221	621.52 1397.77 352.86 863.00 286.03 267.00 650.97	0.85 0.93 0.81 0.89 0.68 0.76 0.73	5.10 5.09 5.07 5.04 4.80 4.29 3.88	1 1 1 1 1 1		19 20 21 22 23 24	heparin binding neuropeptide hormone activity microtubule motor activity enzyme inhibitor activity potassium channel activity damaged DNA binding	403 117 225 1059 339 284	652.76 158.64 1394.78 462.66 612.39 680.80	0.76 0.65 0.97 0.63 0.79 0.80	6.01 5.88 5.65 5.60 4.88 4.31	1 1 1 1
21 22 23 24 25 26 27	Potassium channel Calcium channel Protein phosphatase inhibitor Tyrosine-protein kinase Mitogen Vasoactive Heparin-binding Muscle protein	191 193 64 376 137 46 221 193	621.52 1397.77 352.86 863.00 286.03 267.00 650.97 920.01	0.85 0.93 0.81 0.89 0.68 0.76 0.73	5.10 5.09 5.07 5.04 4.80 4.29 3.88 3.81	1 1 1 1 1 1		19 20 21 22 23 24 25	heparin binding neuropeptide hormone activity microtubule motor activity enzyme inhibitor activity potassium channel activity damaged DNA binding growth factor binding	403 117 225 1059 339 284 351	652.76 158.64 1394.78 462.66 612.39 680.80 737.85	0.76 0.65 0.97 0.63 0.79 0.80 0.79	6.01 5.88 5.65 5.60 4.88 4.31 4.20	1 1 1 1 1 1
21 22 23 24 25 26 27 28	Potassium channel Calcium channel Protein phosphatase inhibitor Tyrosine-protein kinase Mitogen Vasoactive Heparin-binding Muscle protein Actin-binding	191 193 64 376 137 46 221 193 837	621.52 1397.77 352.86 863.00 286.03 267.00 650.97 920.01 974.92	0.85 0.93 0.81 0.89 0.68 0.76 0.73 0.77	5.10 5.09 5.07 5.04 4.80 4.29 3.88 3.81 3.80	1 1 1 1 1 1 1		19 20 21 22 23 24 25 26	heparin binding neuropeptide hormone activity microtubule motor activity enzyme inhibitor activity potassium channel activity damaged DNA binding growth factor binding chloride channel inhibitor	403 117 225 1059 339 284 351 25	652.76 158.64 1394.78 462.66 612.39 680.80 737.85 827.64	0.76 0.65 0.97 0.63 0.79 0.80 0.79 0.96	6.01 5.88 5.65 5.60 4.88 4.31 4.20 3.96	1 1 1 1 1 1 1
21 22 23 24 25 26 27 28 29	Potassium channel Calcium channel Protein phosphatase inhibitor Tyrosine-protein kinase Mitogen Vasoactive Heparin-binding Muscle protein Actin-binding Amphibian defense peptide	191 193 64 376 137 46 221 193 837 49	1397.77 352.86 863.00 286.03 267.00 650.97 920.01 974.92 85.80	0.85 0.93 0.81 0.89 0.68 0.76 0.73 0.77 0.53	5.10 5.09 5.07 5.04 4.80 4.29 3.88 3.81 3.80 3.34	1 1 1 1 1 1 1		19 20 21 22 23 24 25 26 27	heparin binding neuropeptide hormone activity microtubule motor activity enzyme inhibitor activity potassium channel activity damaged DNA binding growth factor binding chloride channel inhibitor calcium channel activity	403 117 225 1059 339 284 351 25 327	652.76 158.64 1394.78 462.66 612.39 680.80 737.85 827.64 1205.13	0.76 0.65 0.97 0.63 0.79 0.80 0.79 0.96 0.86	6.01 5.88 5.65 5.60 4.88 4.31 4.20 3.96 3.54	1 1 1 1 1 1 1 1
21 22 23 24 25 26 27 28 29 30	Potassium channel Calcium channel Protein phosphatase inhibitor Tyrosine-protein kinase Mitogen Vasoactive Heparin-binding Muscle protein Actin-binding Amphibian defense peptide Helicase	191 193 64 376 137 46 221 193 837 49	621.52 1397.77 352.86 863.00 286.03 267.00 650.97 920.01 974.92 85.80 1086.05	0.85 0.93 0.81 0.89 0.68 0.76 0.73 0.73 0.77 0.53	5.10 5.09 5.07 5.04 4.80 4.29 3.88 3.81 3.80 3.34 3.29	1 1 1 1 1 1 1 1		19 20 21 22 23 24 25 26 27 28	heparin binding neuropeptide hormone activity microtubule motor activity enzyme inhibitor activity potassium channel activity damaged DNA binding growth factor binding chloride channel inhibitor calcium channel activity morphogen activity	403 117 225 1059 339 284 351 25 327 23	652.76 158.64 1394.78 462.66 612.39 680.80 737.85 827.64 1205.13 331.57	0.76 0.65 0.97 0.63 0.79 0.80 0.79 0.96 0.86 0.83	6.01 5.88 5.65 5.60 4.88 4.31 4.20 3.96 3.54 3.20	1 1 1 1 1 1 1 1 1
21 22 23 24 25 26 27 28 29 30 31 32 33	Potassium channel Calcium channel Protein phosphatase inhibitor Tyrosine-protein kinase Mitogen Vasoactive Heparin-binding Muscle protein Actin-binding Amphibian defense peptide Helicase Prion Ion channel Voltage-gated channel	191 193 64 376 137 46 221 193 837 49 739 22	1397.77 352.86 863.00 286.03 267.00 650.97 920.01 974.92 85.80 1086.05 497.05	0.85 0.93 0.81 0.89 0.68 0.76 0.73 0.77 0.53 0.87 0.91 0.76 0.78	5.10 5.09 5.07 5.04 4.80 4.29 3.88 3.81 3.80 3.34 3.29 3.06	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		19 20 21 22 23 24 25 26 27 28 29 30 31	heparin binding neuropeptide hormone activity microtubule motor activity enzyme inhibitor activity potassium channel activity damaged DNA binding growth factor binding chloride channel inhibitor calcium channel activity morphogen activity helicase activity motor activity voltage-gated ion channel a	403 117 225 1059 339 284 351 25 327 23 766 447 501	652.76 158.64 1394.78 462.66 612.39 680.80 737.85 827.64 1205.13 331.57 1068.02	0.76 0.65 0.97 0.63 0.79 0.80 0.79 0.96 0.86 0.83	6.01 5.88 5.65 5.60 4.88 4.31 4.20 3.96 3.54 3.20	1 1 1 1 1 1 1 1 1
21 22 23 24 25 26 27 28 29 30 31 32	Potassium channel Calcium channel Protein phosphatase inhibitor Tyrosine-protein kinase Mitogen Vasoactive Heparin-binding Muscle protein Actin-binding Amphibian defense peptide Helicase Prion Ion channel	191 193 64 376 137 46 221 193 837 49 739 22 1027	1397.77 352.86 863.00 286.03 267.00 650.97 920.01 974.92 85.80 1086.05 497.05 861.88	0.85 0.93 0.81 0.89 0.68 0.76 0.73 0.77 0.53 0.87 0.91 0.76	5.10 5.09 5.07 5.04 4.80 4.29 3.88 3.81 3.80 3.34 3.29 3.06 2.89 2.87 2.46	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		19 20 21 22 23 24 25 26 27 28 29 30	heparin binding neuropeptide hormone activity microtubule motor activity enzyme inhibitor activity potassium channel activity damaged DNA binding growth factor binding chloride channel inhibitor calcium channel activity morphogen activity helicase activity motor activity	403 117 225 1059 339 284 351 25 327 23 766 447	652.76 158.64 1394.78 462.66 612.39 680.80 737.85 827.64 1205.13 331.57 1068.02 1275.57	0.76 0.65 0.97 0.63 0.79 0.80 0.79 0.96 0.86 0.83 0.86	6.01 5.88 5.65 5.60 4.88 4.31 4.20 3.96 3.54 3.20 3.15	1 1 1 1 1 1 1 1 1 1