7														
a			Predviđene uređene MF ključne reči iz ovoga rada (z-skor < -0.2)											
19	MF ključnih reči sa najznačajni	ijom pred	viđenom ι	ıređenoš	ću (org. 20	07)		#	name	n	avg_len	avg_dis	z	p
#	name r	n prot n	families a	vg_len	Z-score I	-value		0	Oxidoreductase	4126	472.25	0.28	-41.35	0
0	Oxidoreductase 1	14995	992	376.63	-29.54	0		1	Hydrolase	7564	614.81	0.51	-26.99	0
1		26525		445.17	-24.25	0	\/\	2	Lyase	1431	481.37	0.30	-23.62	0
2	,	7262		377.92	-22.64	0		3	Monooxygenase	555	503.36	0.20	-20.29	0
3	,	20464		430.68	-21.75	0	´ 7	4	Transferase	8846	631.95	0.55	-19.72	0
4		4487		383.98	-14.18	0	\ / <i>9</i>	5	Ligase	995	693.30	0.46	-18.05	0
5	· · · · · · · · · · · · · · · · · · ·	1826		444.73	-13.98	0		6	Glycosyltransferase	1134	551.26	0.40	-17.04	0
6	, ,	2950		437.53	-12.51	0		7	Glycosidase	697	570.50	0.37	-16.81	0
7	· · · · · · · · · · · · · · · · · · ·	2239		402.83	-10.85	0	\	8	Isomerase	931	422.72	0.35	-13.60	0
8	·	3524		349.60	-10.53	0	(X)	9	Protease	1863	674.42	0.54	-13.20	0
10		7017 8010		448.29 529.41	-10.22 -10.06	0	$\bigvee\setminus$ /	10	Transducer	1703	482.28 465.62	0.41	-12.56 -12.45	0
11	•	1293		345.26	-9.66	0	$\wedge$	12	G-protein coupled receptor  Acyltransferase	867	531.58	0.39	-12.43	0
12	·	1668		444.87	-9.26	0		13	Decarboxylase	195	488.21	0.42	-10.70	0
13		1100		553.73	-7.89	0	X	14	Aminotransferase	202	451.05	0.23	-10.70	0
14	Aminopeptidase	452		509.17	-7.55	0	$\searrow \searrow$	15	Aminopeptidase	130	668.72	0.27	-9.10	0
15	Dioxygenase	360		433.20	-7.32	0		16	Serine protease	460	700.07	0.50	-8.87	0
16	, ,	3402		571.83	-7.15	0	$\times$	17	Metalloprotease	507	688.25	0.56	-8.43	0
17	3 3	4423		549.70	-7.1	0	'X	18	Methyltransferase	874	611.22	0.47	-8.33	0
18	Aminotransferase	955		420.27	-6.02	0	/ \	19	Carboxypeptidase	116	631.16	0.37	-8.25	0
	L		ļ	!				20	Threonine protease	138	246.88	0.18	-7.50	0
							,	21	Dioxygenase	366	622.32	0.48	-7.39	0
1_	1									1	l			
b	)							Г	radviđani urađani ME tarmini dah	iioni ia d	livaletnag i	izvadana	a monino	nio
	Predviđene uređene MF ključ	Xna raXi ir		do (z. else	n < 0.2)			#	Predviđeni uređeni MF termini dob name	n n		avg_dis	g mapıra z	
#	name	n	avg_len			p		0	catalytic activity	28179	569.86	0.48	-52.25	р 0
0	Oxidoreductase	4126	472.25	0.28	-41.35	0		1	oxidoreductase activity	4986	450.49	0.46	-32.23	0
1	Hydrolase	7564	614.81	0.28	-26.99	0		2	hydrolase activity	11097	623.94	0.53	-27.76	0
2	Lyase	1431	481.37	0.30	-23.62	0		3	lyase activity	1624	480.74	0.33	-24.47	0
3	Monooxygenase	555	503.36	0.30	-20.29	0	I	4	monooxygenase activity	633	511.13	0.22	-21.40	0
4	Transferase	8846	631.95	0.55	-19.72	0	. [	5	transporter activity	5388	621.16	0.53	-19.15	0
5	Ligase	995	693.30	0.46	-18.05	0		6	transferase activity	10428	619.96	0.56	-18.80	0
6	Glycosyltransferase	1134	551.26	0.40	-17.04	0	<b>\</b>	7	transferase activity, trans	1343	545.86	0.41	-18.49	0
7	Glycosidase	697	570.50	0.37	-16.81	0	_	8	ligase activity	1097	675.42	0.46	-16.68	0
8	Isomerase	931	422.72	0.35	-13.60	0		9	hydrolase activity, acting	934	548.13	0.39	-16.32	0
9	Protease	1863	674.42	0.54	-13.20	0		10	isomerase activity	1046	425.93	0.35	-14.19	0
10	Transducer	1703	482.28	0.41	-12.56	0		11	transferase activity, trans	1235	540.97	0.43	-13.31	0
11	G-protein coupled receptor	1385	465.62	0.39	-12.45	0		12	carboxy-lyase activity	292	494.47	0.26	-13.09	0
12	Acyltransferase	867	531.58	0.42	-11.28	0		13	peptidase activity	2211	644.11	0.53	-13.05	0
13	Decarboxylase	195	488.21	0.25	-10.70	0		14	G-protein coupled receptor	1473	465.64	0.40	-12.30	0
14	Aminotransferase	202	451.05	0.24	-10.23	0		15	carboxylic ester hydrolase	628	482.21	0.37	-12.01	0
15	Aminopeptidase	130	668.72	0.37	-9.10	0	1	16	serine-type peptidase activity	708	614.43	0.46	-10.79	0
16	Serine protease	460	700.07	0.50	-8.87	0		17	aminopeptidase activity	177	633.80	0.35	-10.74	0
17	Metalloprotease	507	688.25	0.56	-8.43	0	1 // 🔻	18	transaminase activity	230	459.43	0.26	-10.46	0
18	Methyltransferase	874	611.22	0.47	-8.33	0	<b>→</b>	19	methyltransferase activity	947	607.08	0.48	-8.77	0
19	Carboxypeptidase	116	631.16	0.37	-8.25	0	<b>///</b>	20	carboxypeptidase activity	143	596.81	0.34	-8.54	0
20	Threonine protease	138	246.88	0.18	-7.50	0	X   🔪	21	metallopeptidase activity	632	663.90	0.56	-8.44	0
21	Dioxygenase	366	622.32	0.48	-7.39	0	XX.	22	ATP binding	7585	801.90	0.69	-8.22	0
22	Serine esterase	141	423.09	0.28	-7.21	0	, IX	23	dioxygenase activity	419	604.98	0.48	-7.83	0
23	Receptor	3424	647.92	0.59	-7.09	0		24	peroxidase activity	282	414.57	0.34	-7.11	0
24	Nucleotidyltransferase	600	969.68	0.63	-6.18	0	J.	25	antioxidant activity	499	344.42	0.36	-6.89	0
25	Peroxidase	221	457.61	0.40	-5.50	0		26	threonine-type endopeptidas	139	247.87	0.19	-6.79	0
26	Serine protease inhibitor	182	497.66	0.38	-4.92	0		27	nucleotidyltransferase acti	892	805.20	0.59	-6.07	0
27	Porin	63	318.84	0.21	-4.55	0	<b></b>	28	porin activity	76	369.24	0.22	-5.22	0
28	Dipeptidase	22	522.27	0.23	-4.43	0	. / / *	29	serine-type endopeptidase i	218	485.65	0.40	-4.99	0
29	Integrin	71	1038.25	0.70	-4.29	0	XI	30	phospholipase A2 activity	93	377.39	0.30	-4.93	0
30	Protease inhibitor	284	446.29	0.41	-4.15	0	11	31	phospholipase D activity	37	778.27	0.43	-4.87	0
31	RNA-directed RNA polymeras		2506.11	0.87	-4.11	0	1 / 1	32	prenyltransferase activity	128	369.37	0.32	-4.70	0
32	Neurotoxin	66	209.62	0.17	-3.80	0	A L 🔀	33	toxin activity	285	349.98	0.32	-4.59	0
33	Hemagglutinin	23	281.22	0.13	-3.37	0	N X	34	dipeptidase activity	41	557.73	0.34	-4.23	0
34	Retinal protein	47	384.06	0.28	-3.37	0	IVVI	35	metalloendopeptidase activity	369	711.73	0.63	-4.22	0
35	Myosin  Photographer protein	185	1275.20	0.72	-3.29	0.01	MM	36	phospholipase A2 activity (	70	365.39	0.30	-3.90	0
36 37	Propultronsforces	77	540.68	0.47	-3.02	0.01	/ X /	37	endonuclease activity	773	658.33	0.59	-3.85	0
38	Prenyltransferase	39 106	376.21 467.68	0.31	-2.59 -2.59	0.01	\/\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	38	antigen binding	277	345.87	0.38	-3.68 -3.35	0
38	Elongation factor	443	728 14	0.48	-2.59	0.01	X \\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	39	translation elongation fact	116	464.12 659.17	0.46	-3.35	0

39

40

41

42

43

Endonuclease

Toxin

Bacteriolytic enzyme

Nuclease Platelet aggregation activa. 443

214

35

703

8

728.14

412.51

434.66

668.54

197.12

0.60

0.39

0.31

0.60

0

-2.59

-2.56

-2.53

-2.49

-2.48

0.01

0

0.01

0.01

0.02

40

41

42

43

44

nuclease activity

G-protein coupled photorece...

chloride channel activity

RNA-directed 5'-3' RNA poly...

tRNA binding

1124

44

195

75

247

659.17

390.23

622.49

2341.31

566.35

0.61

0.30

0.62

0.87

0.57

0

0

0.01

0.02

0.01

-3.20

-2.99

-2.67

-2.57

-2.39