Supplementary Online Content

Mongan D, Föcking M, Healy C, et al; European Network of National Schizophrenia Networks Studying Gene-Environment Interactions (EU-GEI) High Risk Study Group. Development of proteomic prediction models for transition to psychotic disorder in the clinical high-risk state and psychotic experiences in adolescence. *JAMA Psychiatry*. Published online August 26, 2020. doi:10.1001/jamapsychiatry.2020.2459

eAppendix.

This supplementary material has been provided by the authors to give readers additional information about their work.

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Sequence	N-term cleavage window	C-term cleavage window	Amino acid before	First amino acid	Second amino acid	Second last amino acid	Last amino acid	Amino acid after	A Count	R Count	N Count	D Count	C Count	Q Count	E Count	G Count	H Count	I Count	L Count	K Count	M Count	F Count	P Count	S Count	T Count	W Count	Y Count	V Count	U Count	O Count	Missed Cleavages	Mass	Protein	Leading razor protein	Start position	End position	Unique (Groups)	Unique (Proteins)	Charges	PEP	Score	id	Protein group IDs	Mod. peptide IDs	MS/MS Count	Best MS/MS	Oxidation (M) Probs	MS/MS Idx
AAATGSEAAGAGR	EDDLSSRGRMSFSR	DLSAALGRDMFSFLR	K	A	A	G	R	D	4	0	1	0	1	0	2	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	17	1399.767	rp	CS19639	CS19639	PF2	252	265	yes	yes	2	6.60E-32	136.75	1	664	1:1E:15;1:T:2;1:S:6;1:S:7	19	21
AACLLPK	ECCQAAGKAACLLPKL	KAACLLPKLEELRSEL	K	A	C	L	L	P	1	2	0	0	0	0	0	0	0	0	1	2	0	0	1	0	0	0	0	0	0	0	10	771.4312	rp	PB27840	PB27840	PF4	195	205	yes	yes	2	0.036669	91.081	5	11	1:7M:7M:7M:;M:P:0	8	10
AADRIQQAVVAFFDENK	LDRRGQRIAADEIQQA	FAFFDENKSWYLGENI	K	A	D	R	K	S	4	0	1	2	0	2	2	0	0	1	0	2	0	0	0	2	0	0	0	2	0	0	17	1893.911	rp	P12208	P12208	PF4	539	555	no	no	2	0.0009138	81.545	9	240,23	9:11M:11ST:11M:6:ST	656	2
AAFSECLQAAGR	LFFAAFRRAAFTECCL	ECCQAAGKAACLLPKL	K	A	C	L	L	P	1	2	0	0	0	0	0	0	0	0	1	2	0	0	1	0	0	0	0	0	0	0	10	1370.56	rp	PB27840	PB27840	PF4	187	198	yes	no	2	2.26E-27	154.85	12	11	1:1E:1;1E:1;1E:1;7E:1;7E:1	662	2
ACDPGVDRVPK	TSERLDRACRGVSTF	PGKDPVKTRLVKKQL	K	A	C	Y	Y	T	1	0	1	0	1	0	0	0	0	0	1	0	0	0	2	2	0	0	1	0	0	0	11	1298.585	rp	P00024	rp	P00024:CO1	1536	1546	no	no	2	0.0008667	83.998	31,972,24	31	41:42K2;42K2;42:T42;1746	1764	30
ADDKSTCFASGR	AFVKECCKDDEFCT	TCFASGRKLVNKEQ	K	A	D	D	R	K	1	2	0	2	1	0	3	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	11	1298.523	rp	PB27840	PB27840	PF4	585	597	yes	no	2,3	1.53E-46	238.01	36	11	36:49;1:8D;8:29M;19:M	1987	36
ADDKSTCFASGRK	AFVKECCKDDEFCTT	CFASGRKLVNKEQEA	K	A	D	D	R	K	2	0	0	2	1	0	3	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	12	1426.72	rp	PB27840	PB27840	PF4	585	598	yes	no	2	0.053376	78.864	37	11	37:1R;1:5R;1:5R	2002	2002
ADEAAGVTAAGSK	ALLSSLRSTVSSSVK	TAAGSKTFPNFPRFP	K	A	E	A	G	V	3	0	0	0	0	0	0	1	0	0	0	0	0	0	1	1	1	0	0	0	0	0	7	1000.5	rp	P02671	rp	P02671:CO1	1	13	no	no	2	0.0000000	127.08	38	11	38:1M:1M:1M:1M:1M:1M:1M	1	2
ADGPKPAEFAEVR	RSDQPKPAEFAEVRA	AEFAEVRATSETSCT	K	A	E	F	A	E	1	0	0	0	0	0	0	0	0	0	0	1	0	1	1	0	0	0	0	1	0	0	6	1469.688	rp	PB27840	PB27840	PF4	250	264	yes	no	3	0.05102	35.757	66	11	66 : 30B26 : 4755 : 4755 : 1	4755	1
AETECDETCFQGLLDR	EKDLQGRMATECDPT	TQQLLDRKRLENEQL	K	A	E	T	T	C	1	0	1	1	1	3	3	0	0	1	2	1	0	0	0	2	1	0	0	0	0	0	17	2081.958	rp	P16045	rp	P16045:K9	423	439	no	no	2	7.61E-73	158.36	81	15	81:13S8;1:S9;S85;S805;S806	5805	2
AEVGDVKQLR	EGGVRGVTSVSFSER	GVTSVSFSERSWYWA	K	A	E	V	G	D	1	0	0	1	0	1	0	2	0	0	0	1	2	0	0	0	2	0	0	0	0	0	9	1142.593	rp	P22079	rp	P22079:K9	356	365	yes	no	2	0.050069	111.91	82,243	82	84:1T2;1T2;1T2	5807	5807
AFLDCCEVYTLQK	LQGDNCVAHVLDCEY	CEYTIQKQFDRRDKA	K	A	F	L	Q	K	1	1	0	2	1	1	0	0	0	1	1	0	0	0	0	0	0	0	0	1	0	0	9	1687.77	rp|CL00024	rp|CL00024	PF4	721	733	yes	yes	2	3.42E-22	132.81	86	24	86:1M62;1M66;9M90;9M95;S990	5990	5
AFNAVNDNKPVK	RAHGVVAFNGAQPAA	VKVLATPPAAAEIQA	K	A	F	N	R	A	2	0	1	0	0	0	0	1	0	0	0	1	0	0	1	0	0	0	0	0	0	0	13	1318.689	rp	PB27840	rp	PB27840:K9	1	12	no	no	2	3.07E-21	127.4	59	258	101:18K2;18K2;K101;K101	6122	560
AGEGPGLQGVR	VSHPGYGAVGGPGLQ	EPGLQGRVVGEFDLVP	K	A	G	W	R	Y	1	1	0	0	0	1	1	2	0	1	0	1	0	0	1	0	0	0	0	0	0	0	11	1253.688	rp	PB96196	rp	PB96196:G6	62	72	yes	no	3	2.67E-05	80.956	111	204	113:20G8;20G8;W21;W22	9423	6
AGLENTVNTECR	LQGQSDCRFNCFLQG	TVNETECRLKQLTEQ	K	A	G	L	E	N	1	0	1	0	1	0	0	0	0	0	1	0	0	0	1	0	0	0	0	0	0	0	7	1468.657	rp	P04180	rp	P04180:K9	384	394	yes	no	2	0.0000556	77.079	113	276	315:29;T9;29;T9	9426	9426
AGGGLCSSGGGSSCTR	GFGSSGSAGGGLSG	GGGSSTHTTTGSSS	K	A	G	L	C	S	1	0	0	0	0	6	0	2	0	1	0	0	0	0	0	2	2	1	0	0	0	0	17	1646.768	rp	P02018	rp	P02018:CO1	534	550	yes	no	2	2.81E-21	112.43	142	5	143:23G12;23G14	10688	1
AGGGSSGGSSGSSR	GGSSGSAGGGLSGG	GGSSTHTTTGSSSG	K	A	G	S	S	G	1	0	0	0	0	6	0	4	0	0	0	0	0	0	0	2	2	0	0	0	0	0	17	1346.663	rp	P02018	rp	P02018:CO1	534	547	yes	no	2	0.0000000	136.61	139	5	140:23G12;23G14;23G16	10688	1
AGSDRNSGSGS	AEPGDRNSGSRNSG	NNSGGGSRNRSNA	K	A	G	S	D	R	1	0	2	1	0	0	0	3	0	0	0	0	0	0	0	3	0	0	0	0	0	0	12	1380.645	rp	P04421	rp	P04421:K9	177	187	yes	no	2,3	1.13E-10	136.63	139	175	174:26dG;26dG;1G4G;1G4G	11443	96
AGLENQGDTK	GSAPLDANNALLNKQST	LLNKQSTDNKLYTRGS	K	A	L	N	K	Q	1	0	1	0	0	2	1	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	8	1060.569	rp	P02671	rp	P02671:K9	253	262	yes	yes	2	0.0010584	95.609	187	8	190:30S7;30S7;1	13331	1
AGLNVRDPTGS	VLAVRDPGTGSSSS	LAVRDPGTGSSSSS	K	A	L	V	R	D	1	0	0	1	0	1	0	3	0	0	0	0	0	0	1	2	1	0	0	0	0	0	9	1424.49	rp	P02671	rp	P02671:K9	383	393	yes	no	2	0.0000667	58.676	245	6	251:39S1;39S2	17317	17317
APLVSDSCK	PLLGCDAPVSSDSG	VSDSCKDSYPRGDT	K	A	P	L	S	D	1	0	1	0	1	0	0	1	0	0	0	1	0	0	0	1	0	0	0	0	0	0	7	0.0020818	88.948	248	1	254:39S8;39S8;1726;1726	17296	3
ASDYEGLGK	YIRDTNKFEQFGLLS	EYGGLLKVVKNTTSF	K	A	S	D	Y	E	1	0	0	1	0	1	0	2	0	0	0	1	0	0	0	0	0	0	0	0	0	0	6	0.0009768	73.233	252	223	258:8R8a;8R8;T17;T17;1	7116	4
ASPKYQVAESGRPDSPWEALGGSE	QSLLKRLKAMQPVDVNE	FWRAGLEAAVYRTSPR	K	A	Q	G	E	A	3	0	0	1	0	2	3	4	0	0	1	1	2	1	0	1	2	0	0	0	0	0	22	2271.081	rp	P06396	rp	P06396:G6	627	648 yes	yes	2,3	0	246.96	260	204	266:63dG;63dG;2035;2135	21526	582
ADNEDAGK	QEEDSSKDGEEEEEE	AAANNFNSSSLTTE	K	A	D	N	N	F	1	0	2	2	0	0	1	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	8	1364.514	rp	P00533	rp	P00533:K9	356	363 yes	yes	2	0.053609	57.067	265	178	271:4G18;4G25	21826	21826
ADNEEAMR	DSANDAVNDSEEAN	QYEEAMASRTEAEAN	K	A	D	N	R	S	2	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	9	1092.52	rp	P34473	rp	P34473:K9	344	352 yes	no	2	0.029969	64.073	266	16	272:4S5;8S;4S5	21827	21827
AGLENGLTR	LDQGSNNNAGLNNN	ENGLRETNGRPCNQA	K	A	L	T	N	R	1	0	2	0	0	0	0	1	0	0	1	1	0	0	1	0	0	0	0	0	0	0	7	1219.593	rp	P10147	rp	P10147:K9	363	371 yes	yes	2	6.63E-05	99.815	267,6,13	267	287:4G16;4G16	21458	21458
ATDAAEADVKLEAR	KLEQAKKKTDAADV	KDVKLNNRVQLVKE	K	A	T	D	A	E	4	1	1	2	0	0	1	1	0	0	0	1	1	0	0	1	0	0	0	0	0	0	13	1331.622	rp	P05413	rp	P05413:K9	78	93 no	no	2	1.82E-07	92.615	293	222,231	299:47G8;47G8;2942;229	22943	2
ABFAQPK	RNAVAVPAAVAANN	NAVAVPAAVAANNN	K	A	B	F	A	Q	2	0	0	0	0	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	0	4	754.6189	rp	P00005	rp	P00005:K9	87,682	328	204	304	318:6dG;6dG;T5;2R;2S;2U	25190	2
AHNDDAFAKYKR	EATKEQSAVKNEDIHA	DHAFAVKEDADDES	K	A	H	N	R	Y	3	0	1	2	0	0	0	0	0	0	0	1	0	0	0	2	0	0	0	1	0	0	12	1361.628	rp	P02768	rp	P02768:K9	570	581 yes	no	2,3	9.91E-14	121.6	341	11,91,192	594:G19dG;19dG;2872;2873	26772	3
AHSEGTGAVHGDAE	GTGAVHGDAEGAVH	GAVHGDAEGAVHGA	K	A	H	S	E	G	1	0	1	1	0	1	0	4	0	0	0	0	0	0	0	1	1	0	0	0	0	0	9	1000.401	rp	P02769	rp	P02769:K9	24	35 yes	no	2	0.0000000	136.61	347	5	349:23G12;23G14;23G16	10688	1
CAAADPRDKCW	TTETLGCCACAAAPA	SNYSGGCGRSRGYA	C	A	A	D	R	D	1	0	1	0	1	0	0	0	0	0	0	1	0	0	0	0	0	0	1	0	0	0	6	1161.595	rp	P02768	rp	P02768:K9	186	196 yes	no	2,3	1.23E-05	107.41	377	11	381:4S4dG;4S4dG;5U4U;1U3	26605	14
CCTEGLVNR	PVSDNVTECTSLVN	CTEGLVNRPCFGALL	C	A	C	C	N	R	0	0	1	0	2	0	1	0	0	0	1	0	0	0	1	0	0	0	0	0	0	0	7	1137.051	rp	P02768	rp	P02768:K9	500	508 no	no	2	6.15E-11	151.27	380,11,12	389	389:6dG2;6dG5;1;5S4G;2L3G	26605	2
CFLATTQTE	KCVSNCTCTCTCTQ	FLATTQTETFHASGE	C	A	F	L	T	Q	1	0	0	0	1	1	0	0	0	0	1	0	0	0	1	1	0	0	0	0	0	0	6	1114.548	rp	P02671	rp	P02671:K9	89	97 yes	no	2	1.94E-08	145.43	400	196	409:6S2;6S2;1;5D9;1;2R	26605	6
CFSGDCSK	ESSGSRPCFSGGCS	FSGCQSSCVCNGEN	C	A	F	S	G	S	1	0	0	0	2	1	0	1	0	0	0	0	0	0	0	2	0	0	0	0	0	0	8	0.0201364	70.816	401	252	409:6S6;6S6;T;3D5;3D5	26605	3
CGGLEEGLE	RAKFSEACEGGEEL	EGLLEEVNTRNALE	C	A	G	G	E	E	1	0	0	0	0	0	2	4	0	0	1	1	0	0	0	0	0	0	0	0	0	0	9	1001.481	rp	P02768	rp	P02768:K9	163	171 yes	no	2	0.0008007	93.617	402,411,222	8	410:4S6;4S6;1;3D5;3D5	26605	8
CYDGVTLR	LDDEGFRCFDGFTLR	CYDGFTLGSAMFTCQ	C	A	Y	L	L	R	0	0	1	1	0	0	1	0	0	0	1	0	0	0	2	0	0	0	0	0	0	0	8	1066.449	rp	P06396	rp	P06396:K9	131	138 yes	yes	2	1.84E-05	140.85	452	26	460:7S0S;7S0S;9L21;L352	35225	55
DAAAYNNEA	DSAANNFNSSSLTTE	AAANNFNSSSLTTE	D	A	A	N	N	F	1	0	2	1	0	0	1	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	8	1108.483	rp	P00533	rp	P00533:K9	363	371 yes	no	2	0.0002667	59.676	245	6	251:39S1;39S2	17317	17317
DAEEWFTR	LTNNSSSVTTEEWF	AEEWFTRTSEEIMR	D	A	E	W	F	T	1	0	1	0	0	0	1	0	0	0	1	0	0	1	1	0	1	0	0	0	0	0	8	1175.519	rp	P02018	rp	P02018:K9	305	309 yes	no	2	0.0008619	82.279	457	6	463:7S4;7S4;7S;8S;8S	29352	8
DAGGLLVKYRKMWKQ	CRNNQKAMMKPWKK	KKYRKMWKPWKKKS	D	A	G	G	L	L	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0010825	70.962	469	1	475:6S7;6S7;1;5D9;1;2R	26605	1
DCYSDSNTSNSQCNK	PTPQFDGGDCVSGNTN	TSNQCNKQDCPKDQC	D	A	C	N	N	Q	1	0	2	2	1	1	1	0	0	1	0	0	0	0	2	0	0	0	0	0	0	0	10	0.0010488	rp	P09796	rp	P09796:K9	592	601 yes	yes	2	8.19E-03	188.28	477	223	485:7YK3;7YK3;8K29;8K31	30131	10
DDAFSTGEF	ESSGSSSSSSSSSS	SSSSSSSSSSSSSS	D	A	F	S	T	G	1	0	0	0	0	6	0	4	0	0	0	0	0	0	1	2	1	0	0	0	0	0	15	1300.57	rp	P02768	rp	P02768:K9	354	362 yes	no	2	0.0000000	136.61	487	5	489:23G12;23G14;23G16	10688	1
DEGSLSCSR	WSLGLCSRCSRCSR	RGNFSLRPWPPPSG	E	A	C	S	R	C	1	0	0	0	2	0	0	1	0	0	0	1	0	0	1	0	0	0	0	0	0	0	7	0.0008222	113.08	788	161,9	802:12S0;12S0;T8;T8;S8	30761	9
DEGSTPNASTR	STNEETTTRHCTLSSE	DCTLSSEKGDHCEZ	E	A	D	G	S	T	2	1	0	0	0	0	1	1	0	0	0	1	1	0	0	1	0	0	0	0	0	0	8	2.43E-01	135.81	820	11	834:12S2;12S2;K2;K2;T7	31271	2
DGGGSNNATR	TTEGSTSRGGSTQPA	QTAPASTRLFQVRNN	E	A	G	G	S	N	2	1	0	0	0	0	1	1	2	0	0	1	1	2	0	0	1	0	0	0	0	0	12	1073.51	rp	P06396	rp	P06396:G6	154	164 yes	no	2	0.0004645	70.908	838	204	852:1S6S;1;1S6S6;7R1;K17	31781	2
DGGGSSGSSGSSGS	GSNRVGSSTTRSTL	GSSGSSGSSGSSGS	E	A	G	G	S	S	1	0	0	0	0	6	0	6	0	0	0	0	0	0	0	2	2	1	0	0	0	0	17	1328.125	rp	P02768	rp	P02768:K9	257	273 yes	no	2	1.29E-12	79.143	856	10	872 : 1S8S76 : 69624 : 69624 : 1	31871	1
DGLNNLLR	RNTEENSNLLNEEN	KLLNNLLRPFLTHN	E	A	G	L	L	R	1	0	2	0	0	0	0	1	0	0	2	1	0	0	1	0	0	0	0	0	0	0	8	0.0001423	88.876	223	223	894:1R9;1R9;1S7;1S7;1S7;1S7	6538	2
DGLSTEDMNGSEYK	ANYNNGSSTTSNNN	RQSDSNNSTSLKR	E	A	G	M	N	G	1	0	2	0	0	0	1	0	0	0	0	1	0	0	0	3	1	0	1	0	0	0	12	1365.944	rp	P04421	rp	P04421:K9	362	375 yes	no	2,3	2.57E-10	116.5	911	921	921:1G12;1G12;1G12;1G12	32962	2
DPAAMSFGAGK	DSRVQSSQKPAAGMS	LMSLFGGPMRPNGG	E	A	P	G	G	M	1	0	0	0	1	2	1	0	1	1	1	1	1	0	1	0	0	0	0	0	0	0	12	1285.649	rp	P06396	rp	P06396:G6	531	542 yes	no	2,3	5.24E-09	112.36	936	204	954:14B78B;14B78;T6;T6;T6	70179	32
DPEAQNNPS	PEFAAGNSPGPNNG	PNNSPGPNNSPNNS	E	A	P	G	N	S	2	0	2	0	0	0	0	2	0	0	0	0	0	0	1	2	0	0	0	0	0	0	9	0.0010103	rp	P02768	rp	P02768:K9	724	732 yes	no	2	1.11E-10	126.24	965	204	959:1G20;1G20;T8B8;T8B	73010	294
EGGPTQDFNNDRNR	TGTSRLNSQLGPVTQ	SFNRDNASTTSGLRQE	E	A	G	K	E	S	1	0	2	2	1	0	0	0	0	0	1	0	0	0	0	1	0	0	0	0	0	0	10	2930.927	rp	P05067	rp	P05067:K9	96	105 no	no	2,3	1.05E-122	198.14	953	198,17	971:1S1dG;1S1dG;T94;T94	71893	266
EGGPTQDFNNDRNR	TGTSRLNSQLGPVTQ	SFNRDNASTTSGLRQE	E	A	G	K	E	S	1	0	2	2	1	0	0	0	0	0	1	0	0	0	0	1	0	0	0	0	0	0	10	2930.927	rp	P05067	rp	P05067:K9	96	105 no	no	2,3	1.05E-122	198.14	953	198,17	971:1S1dG;1S1dG;T94;T94	71893	266
ECCAEQCK	CCAAGAGCCTGAEQ	CTGAEQCKSWIGLA	E	A	Q	C	K	S	1	0	0	0	2	1	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6	1068.438	rp	P02768	rp	P02768:K9	163	170 yes	no	2	0.0009912	114.5	993	1003	1003:1S1dG;T6;T6;T6;T6	76605	9
EGSGNNADCCAK	LCTVATCRTNRNAA	EAANDCCAKQSPRNC	E	A	G	N	N	D	2	0	0	1	2	0	2	1	0	0	0	1	0	0	0	0	1	0	0	0	0	0	12	1653.526	rp	P02768	rp	P02768:K9	106	117 yes	no	2	2.66E-10	117.31	999	11	1010:6S1;1S1;7S1;1S1;7S1;7S1	76513	108
EGSTNSSTQGAAE	WKQSNGNGNGSSSG	SSSSSSSSSSSSSS	E	A	G	S	S	S	1	0	0	0	0	6	0	6	0	0	0	0	0	0	1	2	2	1	0	0	0	0	17	1594.767	rp	P02671	rp	P02671:K9	107	123 yes	no	2	1.21E-45	180.67	1012	25	1016:1S6;1S6;1S7;1S7;1S7;1S7	77010	25
EGVSLTGGTGAAE	NGRAVGNRHVGSFSG	ATSFLHNSSGLRTNS	E	A	G	V	S	F	1	0	1	0	0	1	0	2	0	0	0	1	0	0	0	1	1	0	0	0	0	0	8	1721.83	rp	P06396	rp	P06396:K9	148	162 yes	no	2,3	4.78E-05	181.12	1015	204	1038:14dG;14dG;T9G3;T9G	79150	268
EGVSTDLPR	VNNNDFFLKEFSVL	LFNTTLFTATTRFT	E	A	G	V	S	T	1	0	1	0	0	0	1	0	0	0	1	0	0	1	1	1	1	0	0	0	0	0	8	1161.592	rp	P00533	rp	P00533:K9	95	103 yes	no	2	9.44E-05	107.17	1018	6,8,21	1061:1G7S1;1G7T8;T8;T8	79135	130
EVVAEDSNVEDVE	LGASGGRVVASDVV	DSNNVSNNSDCVEGLY	E	A	V	G	V	S	0	0	1	0	0	0	1	0	0	0	1	0	0	0	1	0	1	0	0	1	0	0	6	1344.693	rp	P00324	rp	P00324:CO1	145	156 no	no	2	1.40E-07	120.09	1022	97,24	1065:1R7R1;1R7R7R1;7R6	79643	67
FASFDR	GSRTLSNNRVFSSSS	KFASFDRVRVLEQS	E	A	F	D	R	V	1	0	1	0	0	0	1	0	0	0	1	0	0	1	1	0	1	0	0	0	0	0	7	0.0040608	87.284	1050	20,56,1;8S1	1075:1T1;1T1;T4B4;T1;8;8R	80671	3
FDLVVPPTTNLNSDFFTSGDNVVLK	TGSDPRNYMGNGDN	GSNYLVLTTQLNNGN	E	A	F	D	R	Y	1	0	2	2	0	2	2	0	0	2	0	2	0	0	2	0	0	0	0	1	0	0	24	2703.384	rp	P06396	rp	P06396:G6	76	99 yes	yes	2	0.05132	59.66	1069	204	1093:17K6;17K6	84600	0
FEAEQEAK	TGDDPRNYMGNGDN	FNNEDGNQDGVDKN	E	A	E	A	K	Y	1	0	2	2	0	2	2	0	0	2	0	2	0	0	2	0	0	0	0	1	0	0	24	2661.691	rp	P02671	rp	P02671:K9	8	31 yes	yes	2	0.017043	64.038	1080	204	1102:1T6;1T6;T6;T6	85262	85262
FEQSLR	RLPNSSRNYGSSLNP	WRQLPLAYVNYGQS	E	A	F	Q	S	L	0	0	1	0	0	0	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	3	2.24E-01	154.11	1100	1084,245,29,2	1135:T6;T6;T6;T6	85617	167
FGGGSGGVFGGF	GGGGSGGGGSGGGG	GGGGSGGGGSGGGG	F	A	G	G	G	G	1	0	0	0	0	6	0	8	0	0	0	0	0	0	0	0	0	0	1	0	0	0	15	1000.401	rp	P02769	rp	P02769:K9	24	35 yes	no	2	0.0000000	87.284	1101	6	1106:1S1;1S1;T4B4;T1;8;8R	87528	1
FGGGSGGVFGGF	WEGSNNRVGSSFSA	PTLSGQCQRFQQETV	F	A	G	G	S	V	1	0	1	0	0	0	1	1	0	0	1	0	0	1	0	1	0	0	0	0	0	0	7	1203.661	rp	P02462	rp	P02462:K9	215	226 no	no	2,3	0.0001033	136.27	1119	463	1165:1R6dG;1R6dG;T87;T87	87942	7
FGKQDNQGSTK	ASFDRDNFSLEQSNQ	LFTTLRTLWELLGGQ	F	A	G	K	S	T	0	0	1	0	0	1	0	0	0	0	1	0	0	1	1	0	1	0	0	0	0	0	7	1675.742	rp	P06396	rp	P06396:G6	242	252 no	no	2,3	4.86E-08	107.01	1131	25	1157:1B6F6;1B6GB6;1;1B6G	88214	2
FGKQDNQGSTK	ASFDRDNFSLEQSNQ	QNDGVLTRWELLGGQ	F	A	G	K	S	T	0	0	1	0	0	1	0	0	0	0	1	0	0	1	1	0	1	0	0	0	0	0	7	1674.778	rp	P04264	rp	P04264:K9	200	211 no	no	2,3	3.13E-46	188.72	1132	178,30	1158:1B4dB2;1B4dB2;1;B2	88251	50
FGLNTDRR	EGLNDTDRRLNVVN	LGLNDTDRRLNVVN	F	A	G	L	N	D	1	0	2	2	0	0	0	0	0	0	1	0	0	0

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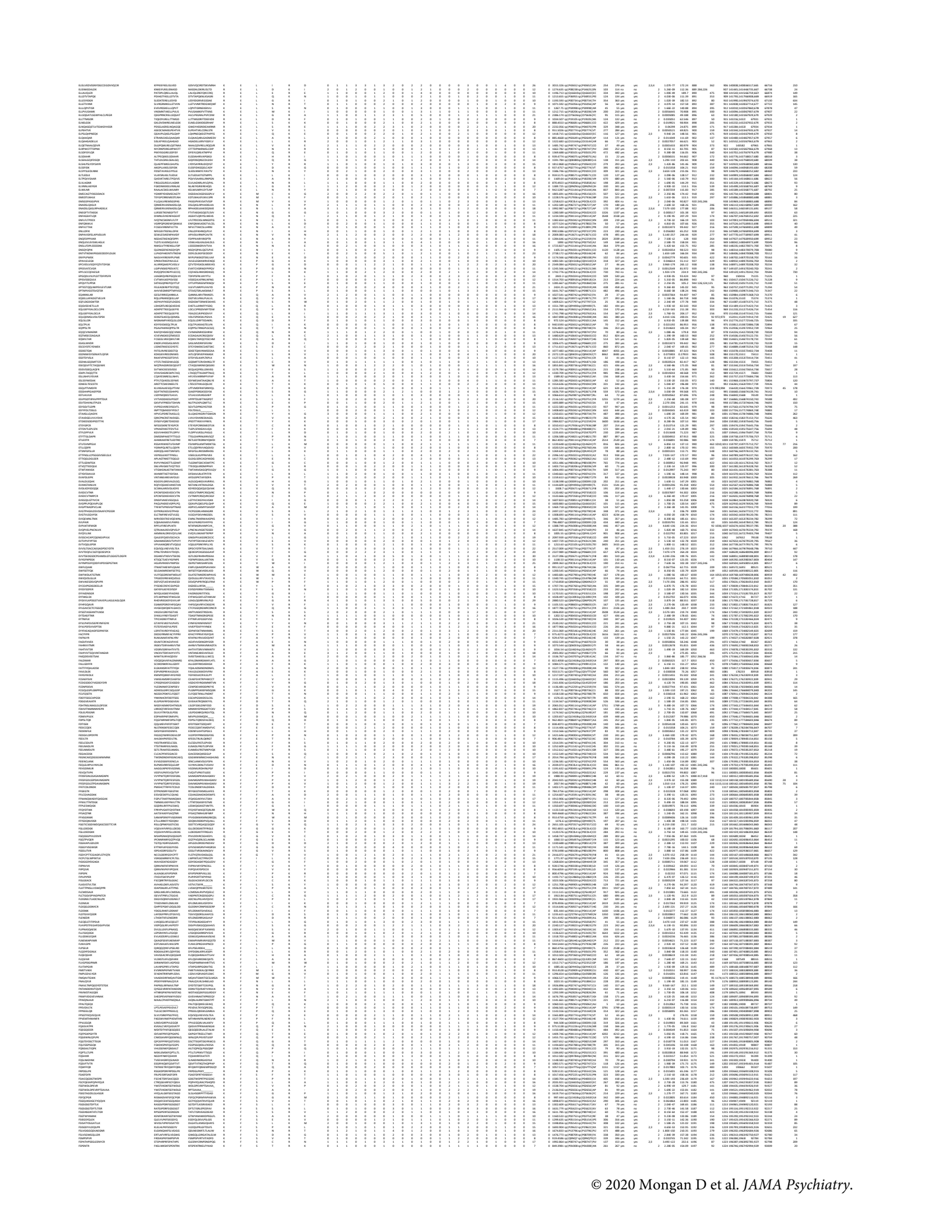

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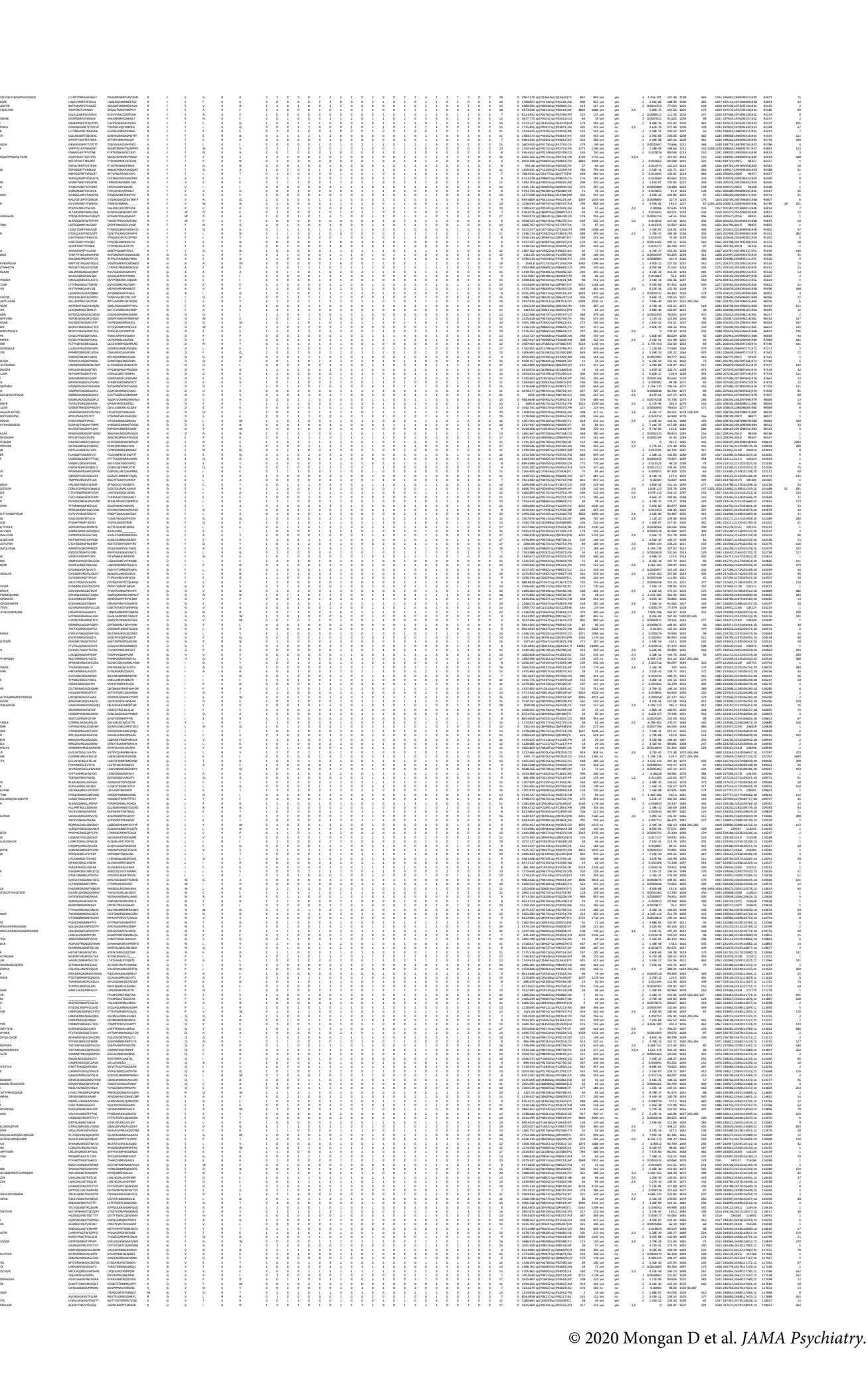

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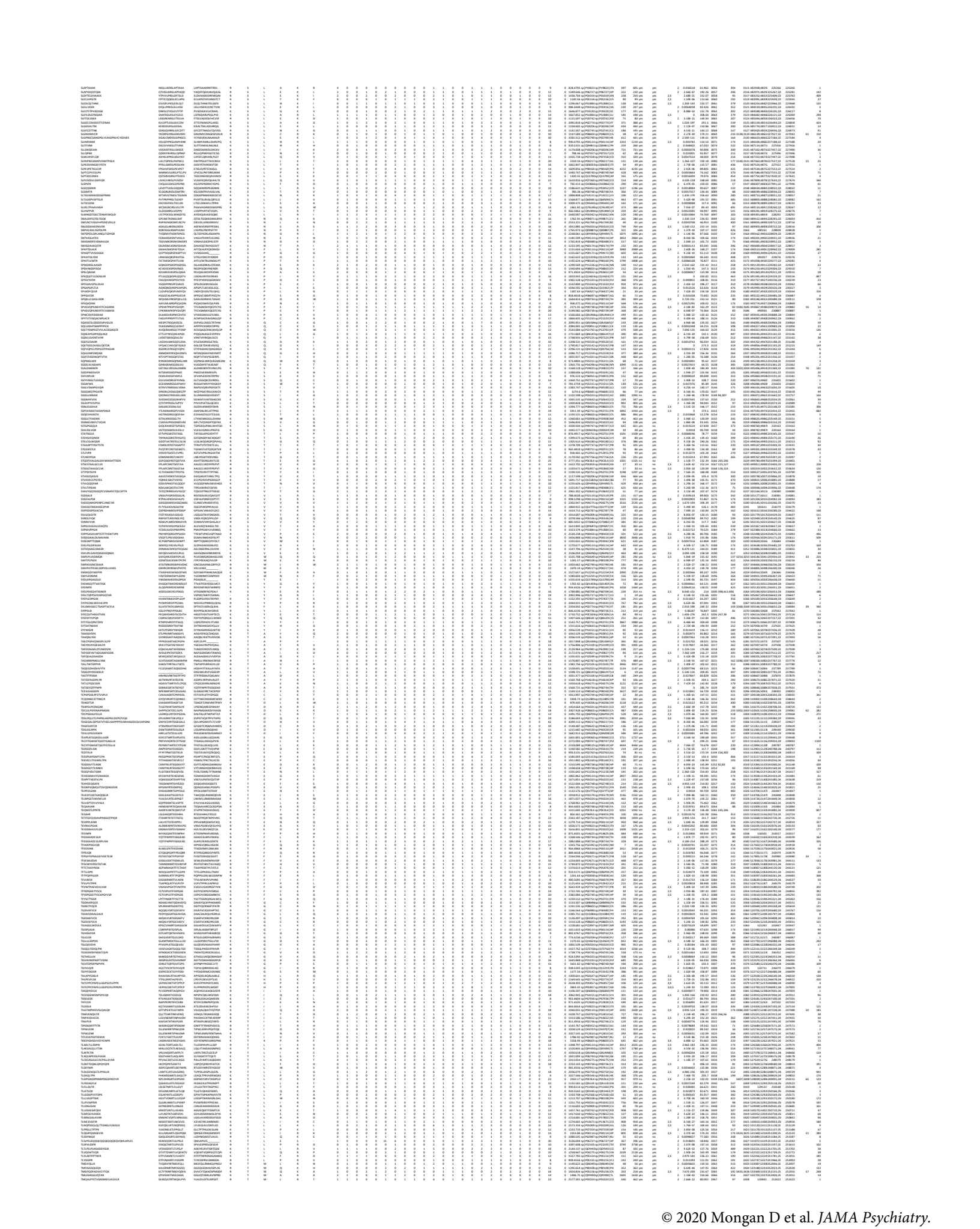

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