

Table S3: Down-regulated proteins in ALS-CSF

S N O	Accession	GENE SYMBOL	Description	ΣCoverag e	Σ # Pr ot ei n s	Σ# Unique Peptides	Σ# Peptide s	Σ# PSM s	ALS/ Normal	A5: 115/11 4 Count	A5 : 11 5/1 14 Va ri a bili ty [%]	# Peptides (Sequest)	# P e p t i d e s (M a s c o t)	MW [kDa]	calc . pl
1	4505185	MIF	macrophage migration inhibitory factor [Homo sapiens]	7.83	1	1	1	1	0.498	1			1	12.5	7.88
2	4557871	TF	serotransferrin precursor [Homo sapiens]	32.38	1	19	19	71	0.484	45	33. 2	16	1 9	77.0	7.12
3	228480221	FHL1	four and a half LIM domains protein 1 isoform 4 [Homo sapiens]	6.19	5	1	1	2	0.469	1		1	1	22.0	8.46
4	33286420	PKM2	pyruvate kinase isozymes M1/M2 isoform M1 [Homo	27.50	7	13	13	55	0.463	36	51. 6	9	1 3	58.0	7.71

			sapiens]												
5	4504345	HBA2	hemoglobin subunit alpha [Homo sapiens]	33.10	2	4	4	8	0.422	5	9.7	2	4	15.2	8.68
6	186910296	HP	haptoglobin isoform 2 preproprotein [Homo sapiens]	14.12	3	5	5	7	0.412	5	7.9	3	4	38.4	6.60
7	33413400	ESD	S-formylglutathione hydrolase [Homo sapiens]	2.48	1	1	1	1	0.374	1			1	31.4	7.02
8	4505763	PGK1	phosphoglycerate kinase 1 [Homo sapiens]	4.32	1	2	2	3	0.370	2	0.5	1	2	44.6	8.10
9	4504349	HBB	hemoglobin subunit beta [Homo sapiens]	31.29	2	4	4	25	0.368	15	35.2	4	4	16.0	7.28
10	310110685		PREDICTED: putative V-set and immunoglobulin domain-containing protein 6-like, partial [Homo sapiens]	6.57	3	1	1	2	0.340	1		1	1	15.3	9.10
11	4502027	ALB	serum albumin preproprotein [Homo sapiens]	47.13	2	30	30	354	0.322	217	48.9	24	30	69.3	6.28

			sapiens]												
12	55770842	CRP	C-reactive protein precursor [Homo sapiens]	14.29	1	3	3	7	0.315	5	25. 1	2	3	25.0	5.63
13	167857790	ORM1	alpha-1-acid glycoprotein 1 precursor [Homo sapiens]	36.32	1	5	6	21	0.308	12	16. 5	5	5	23.5	5.11
14	295986608	IGLL5	immunoglobulin lambda-like polypeptide 5 [Homo sapiens]	14.02	1	2	2	5	0.263	3	16. 2	1	2	23.0	8.84
15	44955885	MB	myoglobin [Homo sapiens]	28.57	1	3	3	17	0.213	11	61. 4	2	3	17.2	7.68
16	4885099	CA3	carbonic anhydrase 3 [Homo sapiens]	11.92	1	2	2	3	0.195	2	61. 2	1	2	29.5	7.34
17	308193325	PRSS3	trypsin-3 isoform 4 preproprotein [Homo sapiens]	5.42	4	1	1	2	0.181	1		1	1	25.9	5.83