

Supplementary Table S7: Intersection of AI SNPs FDR05 with mJSW SNPs with P05										
SNP	wholeGeneSy mbol_AI	Allele1_ mJSW	Allele2_ mJSW	Freq1_mJSW	Effect_mJSW	Pvalue_mJSW	Observed RefAlleles _AI	Observed AltAlleles _AI	metaPhi_AI	FDR_AI
rs17666900	ADAMTS2	a	c	0.14	-0.06	4.22E-03	C	A	0.624	1.30E-04
rs4869	ADIRF	t	c	0.45	0.04	4.48E-03	T	C	0.518	7.46E-04
rs3204689	ALDH1A2	c	g	0.45	-0.05	2.74E-04	G	C	0.418	2.27E-03
rs9325	ALDH1A2	a	t	0.45	-0.05	3.48E-04	T	A	0.426	9.77E-06
rs1063666	ALDH1A2	a	c	0.46	0.03	4.32E-02	A	C	0.386	6.03E-06
rs3204690	ALDH1A2	t	g	0.46	0.03	4.33E-02	T	G	0.432	3.95E-02
rs4646642	ALDH1A2	a	g	0.46	0.03	4.39E-02	A	G	0.431	3.49E-02
rs1060814	ATHL1	a	c	0.37	0.04	2.94E-02	A	C	0.576	5.05E-03
rs4655	ATP5C1	t	c	0.64	-0.03	3.10E-02	T	C	0.449	3.84E-03
rs1044104	BMP6	a	g	0.73	-0.04	5.18E-03	A	G	0.562	1.82E-03
rs840385	C1QTNF3	t	c	0.60	0.03	1.68E-02	T	C	0.435	3.61E-02
rs6546	C1QTNF3	c	g	0.64	0.03	3.71E-02	C	G	0.386	4.80E-13
rs1254	C9orf123	t	c	0.98	0.27	1.93E-03	C	T	0.379	1.06E-02
rs4742410	C9orf123	c	g	0.98	0.18	1.07E-02	G	C	0.305	8.73E-08
rs3829078	CA9	a	g	0.89	-0.04	4.95E-02	A	G	0.586	2.45E-14
rs11082	CHPT1	t	c	0.52	0.03	8.35E-03	C	T	0.442	1.14E-02
rs9659030	COL11A1	t	c	0.79	0.04	3.98E-03	T	C	0.653	0.00E+00
rs1053093	COLGALT2	t	c	0.27	-0.03	2.48E-02	C	T	0.554	5.11E-08
rs1053092	COLGALT2	c	g	0.27	-0.03	2.81E-02	G	C	0.531	6.05E-04
rs11724788	CYTL1	a	g	0.75	-0.04	1.53E-02	G	A	0.376	1.73E-07
rs3819185	DDIT4L	t	g	0.21	0.03	3.39E-02	G	T	0.448	1.39E-02
rs640120	DDX6	a	c	0.12	-0.04	3.56E-02	A	C	0.432	4.78E-02
rs1052591	DPT	t	c	0.53	0.03	2.56E-02	C	T	0.522	1.15E-03
rs9614	FBXO2	t	g	0.81	0.04	1.34E-02	T	G	0.448	2.01E-03
rs16823799	FRZB	a	g	0.09	-0.05	2.10E-02	G	A	0.591	1.37E-02
rs7775	FRZB	c	g	0.09	-0.06	2.11E-02	G	C	0.481	1.08E-02
rs7770	GDI2	t	c	0.86	0.04	4.53E-02	T	C	0.548	5.54E-04
rs2250208	GEM	t	c	0.42	-0.03	4.97E-02	T	C	0.614	3.82E-05
rs15129	HDLBP	t	c	0.80	0.04	6.62E-03	T	C	0.463	3.27E-06
rs1064767	HDLBP	t	c	0.80	0.04	6.89E-03	T	C	0.438	1.27E-02
rs11556045	HEXB	a	g	0.83	-0.05	2.71E-03	A	G	0.462	3.16E-02
rs11555762	HSD17B12	a	g	0.30	-0.12	4.93E-02	C	T	0.345	2.20E-06
rs7645	HSP90B1	t	c	0.30	-0.04	4.21E-02	C	T	0.509	9.36E-04
rs13144371	IBSP	a	g	0.24	0.03	3.40E-02	A	G	0.440	0.00E+00
rs1287600	MARCH6	t	c	0.11	0.04	3.24E-02	C	T	0.572	4.17E-02
rs2248014	MATN2	t	c	0.26	-0.05	1.30E-03	T	C	0.575	2.90E-05
rs1869609	MATN2	a	g	0.35	-0.03	1.97E-02	A	G	0.575	1.66E-07
rs4236	MGP	t	c	0.61	-0.03	4.33E-02	T	C	0.978	0.00E+00
rs1049897	MGP	a	t	0.39	0.03	4.43E-02	T	A	0.450	2.69E-09
rs1063984	MRTO4	a	g	0.74	0.03	3.66E-02	A	G	0.333	6.77E-03
rs17554211	PCOLCE2	t	g	0.12	-0.05	1.59E-02	G	T	0.458	1.25E-11
rs11251721	PFKP	t	c	0.21	-0.04	1.64E-02	C	T	0.527	1.22E-02
rs11133	PHYH	t	c	0.26	-0.03	1.41E-02	C	T	0.560	4.21E-02
rs1043526	PIK3R1	a	g	0.86	-0.04	4.82E-02	A	G	0.358	2.56E-06
rs11677	PLA2G2A	a	g	0.11	-0.05	9.13E-03	G	A	0.009	0.00E+00
rs6558405	PLEC	t	c	0.58	0.03	1.95E-02	T	C	0.465	2.16E-02
rs7819099	PLEC	a	g	0.59	0.03	2.04E-02	A	G	0.437	1.77E-03
rs3190	PPP1CB	a	g	0.43	-0.03	7.63E-03	A	G	0.589	6.34E-10
rs1051638	SLC39A14	a	g	0.38	0.03	1.08E-02	G	A	0.478	1.75E-02
rs1051708	SLC39A14	a	c	0.62	-0.03	1.37E-02	A	C	0.474	1.85E-06
rs7674108	SORBS2	a	g	0.88	0.06	1.91E-03	G	A	0.658	2.90E-02
rs3549	SPARC	c	g	0.53	0.03	2.77E-02	G	C	0.451	0.00E+00
rs1059829	SPARC	a	g	0.53	0.03	2.84E-02	G	A	0.450	0.00E+00
rs3210714	SPARC	t	c	0.53	0.03	2.85E-02	C	T	0.437	0.00E+00
rs1054204	SPARC	c	g	0.47	-0.03	3.26E-02	C	G	0.513	0.00E+00
rs4935	SQSTM1	t	c	0.54	-0.03	1.82E-02	C	T	0.469	2.63E-04
rs3742771	TMED10	a	g	0.53	-0.04	5.04E-03	A	G	0.538	1.48E-02
rs4614	VPS11	a	g	0.60	-0.03	4.24E-02	A	G	0.414	2.21E-02
rs2270841	WWP2	t	c	0.27	0.04	2.61E-03	T	C	0.568	2.20E-16

SNP	wholeGeneSymbol_AI	Allele1_mJSW	Allele2_mJSW	Freq1_mJSW	Effect_mJSW	Pvalue_mJSW	Observed RefAlleles_AI	Observed AltAlleles_AI	metaPhi_AI	FDR_AI
rs1566452	WWP2	a	g	0.73	-0.04	2.83E-03	G	A	0.549	1.54E-07
rs1983016	WWP2	a	g	0.28	0.04	3.20E-03	A	G	0.557	0.00E+00
rs1052429	WWP2	a	g	0.72	-0.04	4.66E-03	G	A	0.562	0.00E+00
rs3748388	WWP2	a	c	0.70	-0.05	5.65E-03	C	A	0.546	1.00E-17