

S5 Table. Chromatin interactions with FEV₁-associated SNPs

Promoter	Bait Fragment	Target Fragment	Strand	Distance	FEV ₁ SNPs	CHiCAGO Score
PPP1R13B	103845355-103845955	104003512-104004312	-	157557	4	9.38
<i>CDCA4</i>	105020395-105021827	104010864-104011532	-	1008863	3	7.65
PPP1R13B	103845355-103845955	104004616-104004922	-	158661	4	7.16
<i>ZFYVE21</i>	103716777-103717467	103948470-103949743	+	231003	1	6.57
<i>ZFYVE21</i>	103716777-103717467	103933835-103934479	+	216368	2	6.49
<i>C14orf79</i>	104985639-104987255	103935625-103936182	+	1049457	3	6.10
<i>MARK3</i>	103385080-103385712	103937160-103938502	+	551448	4	5.89
<i>ZFYVE21</i>	103715624-103716777	103981359-103981909	+	264582	2	5.89
<i>PLD4</i>	104927266-104927937	103963380-103964018	+	963248	3	5.69
<i>ZFYVE21</i>	103715624-103716777	103933397-103933835	+	216620	2	5.62
<i>ADSSL1</i>	104720007-104724747	104017055-104017482	+	702525	2	5.52
<i>APOPT1</i>	103562490-103563614	103999031-103999343	+	435417	1	5.48
<i>CKB</i>	103521551-103522109	103997308-103998030	-	475199	3	5.26
<i>MARK3</i>	103385881-103386341	103958731-103959336	+	572390	1	5.19
PPP1R13B	103845355-103845955	104036454-104037811	-	190499	7	5.00

Bait and target fragments refer to mapped Hi-C restriction fragments on chr14 (hg38) for gene promoters and putative enhancers, respectively. FEV₁ SNPs refer to number of FEV₁-associated variants ($p < 1 \times 10^{-5}$) within 1kb of target fragment. SNPs, single nucleotide polymorphisms; FEV₁, forced expiratory volume in one second.