

Supplemental Table 4: Single-SNP estimated chromatin accessibility using the sequence-to-accessibility model trained with Basset. SNP, variant ID; allele, which allele at the variant; Adipocyte_D0, the predicted accessibility at day 0 of differentiation; likewise for day 3 (D3), day 6 (D6), and day 24 (D24). Input data are in vitro differentiated hWAT cell lines.

SNP	allele	Adipocyte_D0	Adipocyte_D3	Adipocyte_D6	Adipocyte_D24
rs3923113	A	0.3012986481	0.2637622356	0.4326980412	0.462831974
rs12692735	G	0.3183937669	0.2642213702	0.4212688208	0.4708552957
rs10930133	T	0.4359104633	0.3179957271	0.4530633092	0.3903269768
rs6754919	C	0.3462015986	0.2921434641	0.4498663843	0.5148968101
rs6713419	T	0.3133978248	0.2670628428	0.4295437336	0.4776082039
rs10184004	C	0.4402422905	0.3726520538	0.5202207565	0.5865828395
rs10179126	C	0.3789185882	0.3244315386	0.4820067286	0.5578770638
rs10195252	T	0.3409407139	0.2632956803	0.4179425538	0.5177072287
rs36105243	C	0.3662378788	0.2853382826	0.4168099761	0.5141431093
rs7592412	T	0.2855495214	0.2376130968	0.3971697986	0.3950099945
rs13432797	G	0.300332129	0.2503347397	0.409622252	0.424964726
rs10187501	A	0.3357825875	0.2878235579	0.4504722059	0.5130640268
rs6753142	T	0.3264520466	0.2502553463	0.3911416829	0.4977773428
rs6738627	G	0.3508650661	0.2924869657	0.4486387074	0.491871655
rs6752978	G	0.2946702838	0.2473187447	0.4078712463	0.4276474416
rs12692737	C	0.330368638	0.2719791532	0.4264187813	0.4745532274
rs9653282	A	0.2981992662	0.2512871623	0.4122974277	0.4302435219
rs7609045	G	0.3045986295	0.2619801164	0.4270417094	0.4572304487
rs2198550	A	0.3408390284	0.2783777714	0.43195346	0.4524995685
rs6712203	C	0.3166695833	0.266192019	0.4262803495	0.4515125751
rs3923113	C	0.3038298488	0.2629087567	0.4293902814	0.4610806704
rs12692735	T	0.3187352419	0.264909029	0.4222737551	0.4766898751
rs10930133	A	0.4310770631	0.3151788712	0.4511503577	0.3898441792
rs6754919	T	0.3598468304	0.3046268821	0.4624396563	0.5331318378
rs6713419	C	0.3064364195	0.259860754	0.4217080474	0.4648057222
rs10184004	T	0.421010077	0.3552680612	0.5056725144	0.5719507337
rs10179126	G	0.3805683255	0.3257252574	0.4838429093	0.5536356568
rs10195252	C	0.3453243971	0.2650900185	0.4204302728	0.5246045589
rs36105243	G	0.3736087084	0.2917791009	0.4215548635	0.5153160095
rs7592412	C	0.2900768816	0.242292732	0.402309835	0.4041995406
rs13432797	C	0.318072319	0.2644696236	0.4221687317	0.4463353753
rs10187501	G	0.3971172571	0.3413336873	0.4995294213	0.5677361488
rs6753142	C	0.3178634942	0.240077734	0.3806167245	0.4913172126
rs6738627	A	0.3406077027	0.2819049656	0.4370760322	0.4730195999
rs6752978	T	0.2928290963	0.2463277578	0.4073423147	0.425124526
rs12692737	A	0.3217048049	0.2644443512	0.4195795059	0.4610426426
rs9653282	T	0.3040152788	0.2573944628	0.4190728068	0.4416792691
rs7609045	A	0.2993785143	0.2558018565	0.4196710587	0.4458961487
rs2198550	C	0.3382745981	0.2747836709	0.4278264046	0.4446313381
rs6712203	T	0.3527002633	0.2972133756	0.4589754343	0.4827680588