

S2 Table. Top 30 SNP loci associated with ANC level after chemotherapy

Marker	CHR	BP	Gene	Region	Alleles	MAF	DD	Dd	dd	p-value	Pcorr
rs4285743	1	81861823	<i>LPHN2</i>	Intron	C>A	0.061	236 (43.9)	33 (132.7)	-	2.9E-09	0.002
rs34364127	1	81863091	<i>LPHN2</i>	Intron	G>T	0.061	236 (43.9)	33 (132.7)	-	2.9E-09	0.002
rs4622107	1	81863553	<i>LPHN2</i>	Intron	G>T	0.061	236 (43.9)	33 (132.7)	-	2.9E-09	0.002
rs4427445	1	81864112	<i>LPHN2</i>	Intron	A>G	0.061	236 (43.9)	33 (132.7)	-	2.9E-09	0.002
rs143699161	17	43748712	<i>CRHR1</i>	Intron	A>G	0.058	239 (46.1)	29 (107.2)	1 (600.0)	6.1E-09	0.004
rs114746882	12	10943767			C>A	0.050	242 (44.9)	27 (143.4)	-	2.2E-08	0.01
rs12053929	3	73967373			T>C	0.050	243 (47.9)	25 (99.4)	1 (600.0)	1.0E-07	0.06
rs73343199	21	24674094			A>T	0.054	241 (47.0)	27 (113.2)	1 (350.0)	3.5E-07	0.07
rs28481948	16	6816222	<i>RBFOX1</i>	Intron	T>C	0.097	218 (42.9)	50 (102.8)	1 (250.0)	3.4E-07	0.07
rs28725397	16	6816528	<i>RBFOX1</i>	Intron	C>T	0.097	218 (42.9)	50 (102.8)	1 (250.0)	3.4E-07	0.07
rs62016063	16	6817234	<i>RBFOX1</i>	Intron	G>T	0.097	218 (42.9)	50 (102.8)	1 (250.0)	3.4E-07	0.07
rs7499681	16	6817691	<i>RBFOX1</i>	Intron	A>T	0.097	218 (42.9)	50 (102.8)	1 (250.0)	3.4E-07	0.07
rs62016065	16	6818171	<i>RBFOX1</i>	Intron	A>C	0.097	218 (42.9)	50 (102.8)	1 (250.0)	3.4E-07	0.07
rs62016066	16	6818320	<i>RBFOX1</i>	Intron	A>G	0.097	218 (42.9)	50 (102.8)	1 (250.0)	3.4E-07	0.07
rs62016067	16	6818337	<i>RBFOX1</i>	Intron	G>T	0.097	218 (42.9)	50 (102.8)	1 (250.0)	3.4E-07	0.07
rs11647100	16	6818462	<i>RBFOX1</i>	Intron	C>T	0.097	218 (42.9)	50 (102.8)	1 (250.0)	3.4E-07	0.07
rs28396640	16	6818555	<i>RBFOX1</i>	Intron	C>T	0.097	218 (42.9)	50 (102.8)	1 (250.0)	3.4E-07	0.07
rs12325472	16	6818870	<i>RBFOX1</i>	Intron	G>A	0.097	218 (42.9)	50 (102.8)	1 (250.0)	3.4E-07	0.07
rs10782757	1	81859774	<i>LPHN2</i>	Intron	T>A	0.072	231 (43.7)	37 (125.4)	-	1.6E-07	0.08
rs62016069	16	6819334	<i>RBFOX1</i>	Intron	G>A	0.095	219 (42.8)	49 (104.1)	1 (250.0)	2.2E-07	0.08
rs62016070	16	6819352	<i>RBFOX1</i>	Intron	T>A	0.095	219 (42.8)	49 (104.1)	1 (250.0)	2.2E-07	0.08

rs62016071	16	6819366	<i>RBFOX1</i>	Intron	T>C	0.095	219 (42.8)	49 (104.1)	1 (250.0)	2.2E-07	0.08
rs4650367	1	81853865	<i>LPHN2</i>	Intron	T>C	0.071	232 (44.1)	36 (125.0)	-	2.5E-07	0.09
rs62016072	16	6819660	<i>RBFOX1</i>	Intron	T>G	0.099	217 (43.0)	51 (101.0)	1 (250.0)	5.4E-07	0.09
rs74601133	16	6819821	<i>RBFOX1</i>	Intron	A>G	0.099	217 (43.0)	51 (101.0)	1 (250.0)	5.4E-07	0.09
rs61404224	16	6820264	<i>RBFOX1</i>	Intron	C>G	0.099	217 (43.0)	51 (101.0)	1 (250.0)	5.4E-07	0.09
rs186213792	19	13624488	<i>CACNA1A</i>	Intron	T>A	0.050	243 (46.0)	25 (142.2)	-	6.0E-07	0.1
rs290299	15	62695714	<i>TLN2</i>	Intron	G>T	0.125	207 (44.9)	57 (78.1)	5 (198.0)	6.9E-07	0.1
rs290298	15	62695724	<i>TLN2</i>	Intron	G>A	0.125	207 (44.9)	57 (78.1)	5 (198.0)	6.9E-07	0.1
