

Gene Symbol	African American			European American		
	BCR_5year_Yes (Median Exp)	BCR_5year_No (Median Exp)	<i>p</i>	BCR_5year_Yes (Median Exp)	BCR_5year_No (Median Exp)	<i>p</i>
<b>TIMP3</b>	0.776086803	0.588267024	0.0268555	0.598224479	0.633173038	0.6349904
<b>SRGN</b>	1.069170307	0.768577806	0.0019347	0.7782487	0.832688997	0.2155137
<b>MYADM</b>	1.273571981	1.025988416	0.0031022	1.019531263	1.029842557	0.3800725
<b>EMP1</b>	0.406087747	0.201772453	0.024495	0.223347694	0.243386084	0.5626934
<b>BCL6</b>	0.396220001	0.331449641	0.0433817	0.282981209	0.273070574	0.9078355
<b>APOD</b>	1.642712272	1.328536887	0.0130052	1.268967165	1.392819576	0.1105661
VSIG2	0.224767057	0.232747543	0.9208643	0.127674586	0.163428474	0.0679476
VGLL3	0.351089502	0.503666911	0.1486477	0.176779863	0.265180414	0.0003408
UPK3BL	1.925123621	1.830339784	0.3368862	1.638356796	1.662699316	0.8378951
UPK3A	0.144442656	0.105097807	0.2612831	0.055263695	0.068682242	0.5610412
TGFB3	0.321750419	0.339085004	0.4312124	0.237557218	0.270243698	0.1994007
SPG20	0.307499038	0.274772183	0.3794979	0.203864596	0.242983135	0.024576
SPARCL1	1.675059182	1.469503558	0.1335198	1.349879886	1.445481133	0.1764186
SEPP1	1.314947294	1.327938911	0.7617909	1.183490102	1.185438362	0.8556432
S100A6	0.12288411	0.164658429	0.8206488	0.035717498	0.068330838	0.3837406
RP11.903H12.5	0.618918624	0.598638672	0.4585315	0.510403209	0.537800858	0.7865906
RP11.810K23.10	0.113899147	0.059093685	0.9979675	-0.075623755	-0.032888853	0.2242633
RP11.586K12.5	0.338579767	0.291167382	0.8285814	0.134666478	0.221407336	0.0667554
RP11.536C10.25	0.253820932	0.126645843	0.316782	-0.001030354	0.047711118	0.0750716
RP11.536C10.19	2.156823445	2.241367897	0.8206488	1.408525278	1.589149646	0.0900974
RNU6.321P	1.381000152	1.327119958	0.5292276	0.886303933	1.073314086	0.0114537
RNASE4	0.340900093	0.313641876	0.5225792	0.270253883	0.255742787	0.9570124
RHOB	0.679134625	0.657060076	0.6817202	0.559070225	0.601892195	0.0559119
RAB27A	0.54788059	0.4887845	0.7969639	0.415809362	0.44878719	0.0268493
POTEI	0.919939237	0.950156801	0.3685459	0.707222422	0.783071847	0.0352667
POTEF	1.387772912	1.526104141	0.5359188	1.120260324	1.16005304	0.0403493
POTEE	0.832961207	0.845048956	0.5631025	0.570740157	0.695462208	0.0077097
POTEB2	0.587330018	0.583787524	0.8966354	0.371839385	0.43942356	0.0175294
PITPNC1	0.21777723	0.202077233	0.6411026	0.114352478	0.173650637	2.47E-05
PGM5P4.AS1	0.305867826	0.319582775	0.6854611	0.161353175	0.256173328	3.12E-05
PCAT4	0.649436896	0.743588284	0.2342061	0.187520907	0.390480279	0.0004117
OR11J5P	-0.050687596	-0.001419842	0.9047021	-0.12090971	-0.095673222	0.0984083
OR11H2	0.174031815	0.161772571	0.8048393	0.104463683	0.112783808	0.1172896
NBL1	0.484836474	0.448371012	0.1574333	0.379279163	0.408690876	0.0488484
MTND5P11	1.208586695	1.287451221	0.4647316	1.111834375	1.153540274	0.2440022
MT2A	1.61711911	1.472900255	0.2927817	1.343634546	1.424238981	0.0475982
MT1X	0.52021229	0.445793846	0.6854611	0.396618525	0.418649211	0.0167592
MT1M	0.688950754	0.544303459	0.2382372	0.425679146	0.556621878	0.0003059
MT1L	1.494571432	1.31653779	0.6015321	1.026491401	1.152573994	0.0229086
MT1G	0.64905865	0.613123758	0.5909345	0.425039724	0.578713593	0.0023561
MT1E	0.808529256	0.817294702	0.3850481	0.599552025	0.705714629	0.0038382
MT1A	0.614167421	0.5438298	0.064041	0.402825051	0.4529352	0.0149748
METTL7A	1.103090806	1.11095947	0.8684913	0.995939094	1.020051166	0.3183669
LSAMP.AS1	0.055563077	0.10473882	0.7734646	4.35E-05	0.032723505	0.1706117

LSAMP	0.23342009	0.217409562	0.7969639	0.131190644	0.157424351	0.3380604
LPHN2	0.471256065	0.420212329	0.6193827	0.374040759	0.38677019	0.2662452
LINC01088	0.327746308	0.368670103	0.4804339	0.220865611	0.272910566	0.0051022
LGALS3	0.471859809	0.488320824	0.5061478	0.409956471	0.426388201	0.2263723
KLF4	0.557326249	0.458452265	0.0836976	0.394224108	0.441038078	0.0204584
ITM2C	0.5612491	0.514699085	0.2342061	0.454812996	0.491442598	0.0387631
IQGAP1	0.593739163	0.524543432	0.0741536	0.491997736	0.504936254	0.8207053
IGF1	0.704288971	0.77277851	0.8684913	0.453231698	0.594494788	0.0067064
GREB1	0.649010844	0.593778623	0.9208643	0.402070103	0.496994442	0.0006795
GADD45B	1.021216438	0.911284615	0.2147758	0.836403597	0.885529511	0.0652224
FOS	2.521426417	2.06271897	0.0121039	1.8809039	2.099033469	0.0022117
FAR2P4	0.82235386	0.862728337	0.3822668	0.660551351	0.74050352	0.0205585
EFEMP1	0.312063294	0.309595671	0.4554489	0.217112937	0.234206321	0.6968529
DSCAM.AS1	0.066555249	0.04749929	0.6447533	-0.010767718	0.011756474	0.0469833
CTD.2653B5.1	0.379384636	0.385836077	0.8484878	0.289647519	0.310683942	0.511414
CTD.2311B13.5	1.979670396	1.934640747	0.6157941	1.392082692	1.661067408	0.0017441
CTD.2031P19.5	1.301158521	1.16296708	0.0584043	1.134571884	1.184260819	0.0125791
CTBP1.AS	0.323021417	0.381951276	0.4282363	0.253677108	0.27999602	0.0519469
CRYAB	0.808081551	0.758309426	0.4372004	0.701672268	0.757451713	0.2081172
COL14A1	0.314972766	0.265618142	0.7617909	0.20951837	0.242965868	0.1670089
CNTNAP2	0.13284467	0.126341746	0.4964211	0.05655191	0.080508857	0.0740746
CLU	0.495794109	0.448251522	0.1844596	0.376928683	0.428630801	0.077509
CHRD1	0.216059282	0.230730406	0.9249102	0.115706868	0.183504052	0.0029
CFD	0.994966521	0.933047665	0.5596685	0.786237409	0.87886861	0.0005447
CDKN1A	0.150247455	0.06520908	0.154462	0.038040151	0.060546936	0.1315389
CDC42EP5	0.831153149	0.877238768	0.3739971	0.711811314	0.810493459	1.39E-06
CCL3	0.390068489	0.334662228	0.1861502	0.236503015	0.249318718	0.2405484
CCDC80	0.402765217	0.4292709	0.8725026	0.31725576	0.328788491	0.2873408
C1QTNF9B	0.179587689	0.143237487	0.9857735	0.008077379	0.065713581	0.0005373
bP.2189O9.2	0.48719695	0.491767179	0.9939027	0.35571156	0.372538512	0.2918038
BDH2	0.235212718	0.195718728	0.1172093	0.162592009	0.163904801	0.7965016
BAG3	0.514369129	0.485306958	0.5359188	0.443316674	0.444431362	0.9960902
ATAD1	0.574165107	0.48845292	0.2224037	0.46066162	0.478403506	0.0939989
ARHGEF7	0.461302064	0.417538492	0.3118815	0.383267064	0.41601488	0.0029174
AKAP12	0.36777825	0.30456884	0.1878523	0.279549968	0.257840333	0.396237
ADD3	0.272469623	0.231770914	0.1443977	0.203907282	0.190515148	0.7164306
ADAMTS1	0.647471684	0.509881402	0.1014383	0.442974556	0.448317038	0.8126172

**Italic** indicated the final genes panel

Supplementary table 3.