

Cell Definitions	Effect Size	95% CI Lower	95% CI Upper	Sample Size	p value	Adjusted p value
CD27+ CD3+ CD4+ CD8-	-0.451284953	-0.663610952	-0.238958954	736	3.38E-05	0.00307281
CD127+ CD3+ CD4+ CD8-	-0.353141416	-0.537413611	-0.168869221	613	0.000184	0.004940294
CD28- CD3+ CD4- CD8+	0.412056948	0.195091008	0.629022889	841	0.000206	0.004940294
CD127- CD3+ CD4- CD45RA+	0.477584433	0.224548434	0.730620433	581	0.00023	0.004940294
CD3+ CD4- CD45RA+ CD8+ CD85J-	0.427467022	0.19766864	0.657265404	580	0.000283	0.004940294
CD3+ CD4+ CD45RA+ CD8+	-0.248959228	-0.384811596	-0.113106861	871	0.000341	0.004940294
CD19- CD3+ CD33- CD4- CD8+	0.413196221	0.185426148	0.640966294	651	0.000395	0.004940294
CD28- CD3+ CD4- CD45RA+ CD8+	0.429406171	0.18999344	0.668818902	623	0.00046	0.004940294
CCR7+ CD3+ CD4- CD45RA+	0.340968091	0.149976487	0.531959694	622	0.000489	0.004940294
CD161- CD3+ CD4+ CD8-	-0.431621407	-0.680239169	-0.183003645	581	0.000696	0.005819442
CD27+ CD3+ CD4+ CD45RA+	-0.374878225	-0.591854915	-0.157901535	658	0.000735	0.005819442
CD28+ CD3+ CD4+ CD8-	-0.30415783	-0.480945263	-0.127370397	841	0.000767	0.005819442
CD27+ CD3+ CD4+ CD45RA+ CD8-	-0.372166002	-0.593455178	-0.150876826	658	0.001011	0.007079536
CD3+ CD4- CD45RA+ CD8+	0.285808068	0.106677096	0.464939039	871	0.001798	0.011687174
CD19- CD3+ CD33- CD4+	-0.362652656	-0.592139147	-0.133166166	651	0.001999	0.012129321
CD3+ CD4+ CD45RA+ CD8-	-0.255970879	-0.421264267	-0.090677491	871	0.002443	0.013891723
CD27- CD3+ CD4- CD8+	0.338285572	0.107878324	0.56869282	736	0.004063	0.021749762
CD19- CD20- CD27+ CD3+ IGD-	-0.326420368	-0.557721402	-0.095119334	581	0.005756	0.024740629
CD27+ CD28+ CD3+ CD4+ CD85J+	-0.354405306	-0.605544531	-0.103266081	580	0.005758	0.024740629
CCR7+ CD28+ CD3+ CD4+	-0.267581346	-0.457527979	-0.077634713	694	0.005831	0.024740629
CD161- CD3+ CD4+ CD45RA+ CD8-	-0.348043867	-0.595471827	-0.100615907	581	0.005915	0.024740629
CD127+ CD3+ CD4+ CD45RA+ CD8-	-0.269269756	-0.460950442	-0.077589071	581	0.005981	0.024740629
CD27- CD3+ CD4- CD45RA+	0.340428284	0.095559295	0.585297272	658	0.006507	0.025746752
CD27- CD3+ CD4- CD45RA+ CD8+	0.330147314	0.086943518	0.573351111	658	0.007877	0.028802095
CD28+ CD3+ CD4+ CD8- CD85J-	-0.32320752	-0.562788624	-0.083626416	580	0.00828	0.028802095
CD19- CD27+ CD3+ IGD-	-0.302704162	-0.528463329	-0.076944995	581	0.008679	0.028802095
CD27+ CD28+ CD3+ CD8- CD85J-	-0.314129949	-0.548650412	-0.079609486	580	0.008748	0.028802095
CD127+ CD3+ CD4+ CD45RA-	-0.243305806	-0.425261375	-0.061350238	581	0.008862	0.028802095
CD3+ CD38+ CD4+ HLADR+	-0.243993255	-0.428686523	-0.059299988	585	0.009709	0.030466776
CD27+ CD3+ CD4+ CD45RA-	-0.28642533	-0.510191029	-0.06265963	658	0.012196	0.0369952
CD27+ CD3+ CD4+ CD45RA- CD8-	-0.278068283	-0.500099223	-0.056037342	658	0.014185	0.041638856
CD19+ CD20+ CD38+ IGD+	0.216005964	0.041558137	0.390453791	645	0.015312	0.043544362
CD19+ CD20+ CD27- CD3-	0.287127373	0.052114608	0.522140138	581	0.01673	0.046132929
CD19+ CD20+ CD27- CD3- IGD+	0.2843385	0.045023774	0.523653226	581	0.019961	0.053424276
CD28+ CD3+ CD8- CD85J-	-0.274067738	-0.512925988	-0.035209488	580	0.024597	0.063952381
CD27+ CD3+ CD4- CD8+	0.180048464	0.017899525	0.342197403	736	0.029582	0.074775642
CCR6+ CD4+ CD45RA+ CXCR3+ ICOS+	-0.280037902	-0.539162738	-0.020913067	197	0.034317	0.082212353
CD25+ CD3+ CD4+ CD8-	-0.203362397	-0.391665699	-0.015059095	645	0.03433	0.082212353
CD3+ CD4+ CD45RA- CD8-	-0.157519624	-0.305249544	-0.009789703	871	0.036661	0.084534263
CD27+ CD28+ CD3+ CD8+ CD85J+	-0.253164879	-0.491206146	-0.015123612	580	0.037158	0.084534263
CD16- CD56+ CD8+ HLADR+	0.178267504	-0.00136662	0.357901628	581	0.051763	0.114887728
CCR6+ CCR7+ CD4- CD45RA+	0.19047102	-0.005549377	0.386491417	198	0.056777	0.120943514
CD161- CD3+ CD4+ CD45RA- CD8-	-0.228050444	-0.463053146	0.006952257	581	0.057149	0.120943514
CD4- CD8+ HLADR- PD1+	0.362439039	-0.03128098	0.756159057	204	0.070983	0.146392065
CD3+ CD4+ CD8- HLADR- PD1-	-0.467395023	-0.977675888	0.042885841	204	0.072392	0.146392065
CD27+ CD3+ CD4+ CD45RA+ CD8+	-0.193620969	-0.411237177	0.023995239	658	0.081091	0.158059764
CD19- CD20+ CD27- CD38+	0.149987239	-0.018891517	0.318865995	645	0.081635	0.158059764
CD27+ CD3+ CD4+ CD8+	-0.172044818	-0.374316278	0.030226642	736	0.095377	0.18081964
CD28+ CD3+ CD4- CD8- CD85J-	0.13563695	-0.036247191	0.307521092	580	0.12171	0.226033784
CD28+ CD3+ CD4- CD85J-	0.134589662	-0.040838138	0.310017462	580	0.132388	0.240946714
CD38+ CD8+ HLADR+ PD1-	-0.220940671	-0.520971874	0.079090531	204	0.14803	0.264132287
CD28+ CD3+ CD4+ CD45RA- CD85J-	-0.167062545	-0.39762871	0.063503621	580	0.155234	0.267568105
CD19- CD20+ CD38+ IGD+	0.143696318	-0.055836778	0.343229415	613	0.157777	0.267568105
CD3+ CD38+ CD8+ PD1+	0.224825452	-0.088610628	0.538261533	204	0.158777	0.267568105
CD27- CD3+ CD4- CD45RA+ CD8-	0.159089744	-0.075750221	0.39392971	658	0.183904	0.304277945
CCR7+ CD28- CD3- CD4- CD45RA+	0.162622519	-0.085021576	0.410266614	554	0.197618	0.321128723
CD27- CD28+ CD3+ CD8- CD85J-	0.105408091	-0.069688365	0.280504546	580	0.237533	0.377099778
CD127+ CD161+ CD3+ CD4+ CD8+	-0.090437753	-0.241570948	0.060695442	581	0.240349	0.377099778
CD27+ CD28+ CD3+ CD4+ CD8+	-0.127583458	-0.346915455	0.09174854	580	0.253714	0.39132173
CD3+ CD4- CD45RA+ CD8-	0.103513429	-0.076725921	0.283752779	871	0.25996	0.394272708
CD28- CD3+ CD4+ CD8-	-0.115538553	-0.32519577	0.094118663	841	0.2797	0.417257576
CD28+ CD3+ CD4- CD8+	0.089590954	-0.08593163	0.265113539	841	0.316687	0.464815314
CD27+ CD3+ CD4+ CD45RA- CD8+	-0.103848952	-0.315462567	0.107764664	658	0.335578	0.484723131
CD28+ CD3+ CD4- CD8-	0.077275206	-0.081934028	0.23648444	841	0.341013	0.484877337
CD28+ CD3+ CD4- CD8+ CD85J-	0.091621008	-0.099666679	0.282908696	580	0.347221	0.485529935
CD27- CD28- CD8+ CD85J+	0.095895385	-0.106373189	0.298163959	580	0.352143	0.485529935

CD3+ CD4+ CD8+ PD1+	0.169001887	-0.216029035	0.55403281	204	0.387759	0.526657988
CD19- CD27+ CD3+ CD38+ IGD+	-0.095434457	-0.321660622	0.130791709	514	0.4076	0.545465004
CD27- CD3+ CD4+ CD45RA- CD8-	0.09002374	-0.136011473	0.316058953	658	0.43446	0.572982911
CD28+ CD3+ CD4+ CD8+	-0.065577757	-0.235946909	0.104791396	841	0.45014	0.585181901
CD27+ CD28+ CD3+ CD4- CD85J-	0.073707726	-0.120626771	0.268042224	580	0.456597	0.585215744
CD3+ CD4- CD8+ PD1-	0.17810322	-0.314501961	0.670708402	204	0.476682	0.602472812
CD127+ CD161+ CD3+ CD8+	-0.050283094	-0.199862608	0.099296421	581	0.509344	0.63493616
CD27+ CD3+ CD4- CD45RA- CD8+	0.07224048	-0.154647121	0.299128081	658	0.532045	0.654271982
CD3+ CD33+ CD8+ CXCR3+	-0.104289372	-0.443201278	0.234622535	204	0.544653	0.660845322
CD27- CD28- CD45RA+ CD8- CD85J+	-0.071513604	-0.310555965	0.167528758	580	0.557026	0.666965678
CD38+ CD8+ HLADR+ PD1+	0.10726925	-0.263460553	0.477999053	204	0.568912	0.672350459
CD127+ CD3+ CD4- CD8+	-0.04130964	-0.198094105	0.115474826	613	0.605026	0.705863544
CD3+ CD38- CD4+ CD8- PD1-	-0.062072579	-0.405766053	0.281620895	204	0.722097	0.831782814
CD27+ CD3+ CD4- CD8-	0.03113331	-0.164018649	0.226285268	736	0.754214	0.857918747
CD19+ CD20+ CD27+ CD38+ IGD+	-0.021772189	-0.208724725	0.165180346	645	0.81918	0.920313832
CD27- CD3+ CD4+ CD8+	-0.013626954	-0.148084053	0.120830145	736	0.84234	0.934792123
CD19- CD27- CD38+ IGD+	0.008228212	-0.10846773	0.124924154	578	0.889899	0.966377449
CD27- CD3+ CD4+ CD8-	0.011426338	-0.197977751	0.220830427	736	0.914718	0.966377449
CD27- CD28- CD3+ CD4+	-0.013153773	-0.256217993	0.229910447	580	0.915387	0.966377449
CD127+ CD161+ CD3+ CD4- CD8+	0.009289529	-0.176255408	0.194834467	581	0.921699	0.966377449
CD27+ CD3+ CD45RA- CD8+	-0.00919664	-0.228955967	0.210562686	658	0.934532	0.966377449
CD27- CD28- CD3+ CD4+ CD8-	0.008379157	-0.241782758	0.258541072	580	0.947569	0.966377449
CD19- CD3+ CD4+ CD8+	-0.006274057	-0.196015607	0.183467493	651	0.948248	0.966377449
CD3+ CD38+ CD8+ HLADR+	-0.0046591	-0.169537591	0.160219391	585	0.955758	0.966377449
CD127+ CD3+ CD4- CD8-	-0.002390676	-0.165738561	0.160957209	613	0.977079	0.977078927

Supplementary Table 6: A table summarizing the effect size of race to the proportion of cell subsets identified by the unsupervised analysis pipeline when comparing cytometry data of blood from Asian and White subjects. The effect sizes are estimated from the meta-analysis of 10 human immunology studies.