

	GENE.SET	ES	NES	P.VALUE
1	GSE22886_NAIVE_CD4_TCELL_VS_12H_ACT_TH1_DN	0.535	1.99	0
2	GSE14000_TRANSLATED_RNA_VS_MRNA_DC_UP	0.513	1.97	0
3	GSE37532_VISCERAL_ADIPOSE_TISSUE_VS_LN_DERIVED_PPARG_KO_TCONV_CD4_TCELL_UP	0.501	1.97	0
4	GSE4984_GALECTIN1_VS_VEHICLE_CTRL_TREATED_DC_DN	0.462	1.93	0
5	GSE41867_NAIVE_VS_DAY30_LCMV_ARMS_STRONG_MEMORY_CD8_TCELL_DN	0.459	1.92	0
6	GSE45365_CD8A_DC_VS_CD11B_DC_DN	0.461	1.9	0
7	GSE13485_CTRL_VS_DAY1_YF17D_VACCINE_PBMC_UP	0.529	1.87	0
8	GSE14308_TH17_VS_NAIVE_CD4_TCELL_UP	0.398	1.87	0
9	GSE45365_HEALTHY_VS_MCMV_INFECTION_BCELL_IFNAR_KO_DN	0.442	1.85	0
10	GSE2770_TGFB_AND_IL4_ACT_VS_ACT_CD4_TCELL_6H_DN	0.406	1.83	0
11	GSE10239_MEMORY_VS_DAY4.5_EFF_CD8_TCELL_DN	0.493	1.81	0
12	GSE2770_UNTREATED_VS_ACT_CD4_TCELL_2H_DN	0.4	1.78	0
13	GSE17721_LPS_VS_POLYIC_8H_BMDM_UP	0.381	1.74	0
14	GSE25088_CTRL_VS_IL4_STIM_STAT6_KO_MACROPHAGE_UP	0.418	1.73	0
15	GSE3982_MAC_VS_NEUTROPHIL_UP	0.377	1.73	0
16	GSE5589_UNSTIM_VS_45MIN_LPS_AND_IL6_STIM_MACROPHAGE_DN	0.37	1.7	0
17	GSE12392_CD8A_POS_VS_NEG_SPLEEN_IFN_KO_DC_UP	0.349	1.63	0
18	GSE22025_UNTREATED_VS_TGFB1_AND_PROGESTERONE_TREATED_CD4_TCELL_UP	-0.329	-1.56	0
19	GSE24634_NAIVE_CD4_TCELL_VS_DAY10_IL4_CONV_TREG_UP	-0.336	-1.57	0
20	GSE17721_CTRL_VS_PAM3CSK4_24H_BMDM_UP	-0.331	-1.59	0
21	GSE17721_CTRL_VS_LPS_24H_BMDM_UP	-0.337	-1.65	0

<b>22</b>	GSE35825_UNTREATED_VS_IFNA_STIM_M ACROPHAGE_UP	-0.358	-1.66	0
<b>23</b>	GSE13484_UNSTIM_VS_12H_YF17D_VACCI NE_STIM_PBMIC_UP	-0.348	-1.68	0
<b>24</b>	GSE1460_INTRATHYMIC_T_PROGENITOR_ VS_NAIVE_CD4_TCELL_CORD_BLOOD_DN	-0.355	-1.69	0
<b>25</b>	GSE25088_CTRL_VS_IL4_STIM_MACROPHA GE_DN	-0.392	-1.72	0
<b>26</b>	GSE25087_TREG_VS_TCONV_ADULT_DN	-0.366	-1.73	0
<b>27</b>	GSE1925_CTRL_VS_IFNG_PRIMED_MACRO PHAGE_3H_IFNG_STIM_DN	-0.398	-1.74	0
<b>28</b>	GSE9878_CTRL_VS_EBF_TRANSDUCE_D_P AX5_KO_PRO_BCELL_UP	-0.383	-1.75	0
<b>29</b>	GSE12845_IGD_POS_BLOOD_VS_DARKZO NE_GC_TONSIL_BCELL_UP	-0.389	-1.77	0
<b>30</b>	GSE2124_CTRL_VS_LYMPHOTOXIN_BETA_ TREATED_MLN_UP	-0.405	-1.78	0
<b>31</b>	GSE37533_UNTREATED_VS_PIOGLIZATON E_TREATED_CD4_TCELL_PPARG1_AND_FO XP3_TRANSDUCED_DN	-0.426	-1.79	0
<b>32</b>	GSE10240_IL22_VS_IL22_AND_IL17_STIM_P RIMARY_BRONCHIAL_EPITHELIAL_CELLS_ DN	-0.427	-1.8	0
<b>33</b>	GSE22886_UNSTIM_VS_IL15_STIM_NKCELL _UP	-0.415	-1.81	0
<b>34</b>	GSE8621_LPS_PRIMED_UNSTIM_VS_LPS_P RIMED_AND_LPS_STIM_MACROPHAGE_UP	-0.442	-1.83	0
<b>35</b>	GSE9509_LPS_VS_LPS_AND_IL10_STIM_IL1 0_KO_MACROPHAGE_30MIN_UP	-0.413	-1.84	0
<b>36</b>	GSE3039_CD4_TCELL_VS_B2_BCELL_UP	-0.414	-1.84	0
<b>37</b>	GSE9650_EFFECTOR_VS_MEMORY_CD8_T CELL_DN	-0.414	-1.86	0
<b>38</b>	GSE32986_GMCSF_VS_GMCSF_AND_CUR DLAN_LOWDOSE_STIM_DC_DN	-0.424	-1.86	0
<b>39</b>	GSE10325_CD4_TCELL_VS_LUPUS_CD4_T CELL_UP	-0.428	-1.86	0
<b>40</b>	GSE24671_CTRL_VS_SENDAI_VIRUS_INFE CTED_MOUSE_SPLENOCYTES_DN	-0.432	-1.86	0
<b>41</b>	GSE27859_CD11C_INT_F480_HI_MACROPH AGE_VS_CD11C_ING_F480_INT_DC_DN	-0.407	-1.87	0

<b>42</b>	GSE18281_SUBCAPSULAR_VS_PERIMEDULLARY_CORTICAL_REGION_OF_THYMUS_UP	-0.418	-1.87	0
<b>43</b>	GSE24634_NAIVE_CD4_TCELL_VS_DAY5_IL4_CONV_TREG_UP	-0.423	-1.87	0
<b>44</b>	GSE24634_NAIVE_CD4_TCELL_VS_DAY3_IL4_CONV_TREG_UP	-0.435	-1.88	0
<b>45</b>	GSE22886_NAIVE_CD4_TCELL_VS_48H_ACT_TH2_UP	-0.439	-1.88	0
<b>46</b>	GSE10239_NAIVE_VS_DAY4.5_EFF_CD8_TCELL_UP	-0.462	-1.91	0
<b>47</b>	GSE12366_GC_VS_NAIVE_BCELL_DN	-0.51	-1.92	0
<b>48</b>	GSE17974_0H_VS_4H_IN_VITRO_ACT_CD4_TCELL_UP	-0.453	-1.93	0
<b>49</b>	GSE10239_NAIVE_VS_KLRG1HIGH_EFF_CD8_TCELL_UP	-0.464	-1.94	0
<b>50</b>	GSE42088_2H_VS_24H_LEISHMANIA_INF_DC_UP	-0.568	-1.95	0
<b>51</b>	GSE24574_BCL6_HIGH_VS_LOW_TFH_CD4_TCELL_UP	-0.479	-1.96	0
<b>52</b>	GSE22886_UNSTIM_VS_STIM_MEMORY_TCELL_UP	-0.467	-1.97	0
<b>53</b>	GSE9509_LPS_VS_LPS_AND_IL10_STIM_IL10_KO_MACROPHAGE_20MIN_UP	-0.468	-1.97	0
<b>54</b>	GSE36826_WT_VS_IL1R_KO_SKIN_UP	-0.509	-1.98	0
<b>55</b>	KAECH_DAY8_EFF_VS_MEMORY_CD8_TCELL_DN	-0.439	-1.99	0
<b>56</b>	GSE42088_UNINF_VS_LEISHMANIA_INF_DC_24H_UP	-0.517	-2	0
<b>57</b>	GSE22886_NAIVE_CD4_TCELL_VS_48H_ACT_TH1_UP	-0.479	-2.06	0
<b>58</b>	GSE42088_UNINF_VS_LEISHMANIA_INF_DC_4H_DN	-0.605	-2.11	0
<b>59</b>	GSE22886_NAIVE_CD4_TCELL_VS_12H_ACT_TH2_UP	-0.512	-2.12	0
<b>60</b>	GSE24574_BCL6_HIGH_TFH_VS_TFH_CD4_TCELL_DN	-0.515	-2.12	0
<b>61</b>	GSE26156_DOUBLE_POSITIVE_VS_CD4_SINGLE_POSITIVE_THYMOCYTE_UP	-0.54	-2.15	0
<b>62</b>	GSE18804_SPLEEN_MACROPHAGE_VS_TUMORAL_MACROPHAGE_DN	0.43	1.77	0.00183

<b>63</b>	GSE18791_CTRL_VS_NEWCASTLE_VIRUS_DC_18H_UP	0.39	1.72	0.00184
<b>64</b>	GSE17721_CPG_VS_GARDIQUIMOD_2H_BMDM_DN	0.373	1.76	0.00185
<b>65</b>	GSE37416_CTRL_VS_48H_F_TULARENSIS_LVS_NEUTROPHIL_DN	0.39	1.71	0.00185
<b>66</b>	GSE18804_SPLEEN_MACROPHAGE_VS_BRAIN_TUMORAL_MACROPHAGE_DN	0.473	1.88	0.00187
<b>67</b>	GSE17721_0.5H_VS_12H_PAM3CSK4_BMDM_DN	0.39	1.71	0.00187
<b>68</b>	GSE27786_NKTCELL_VS_MONO_MAC_UP	0.348	1.61	0.00187
<b>69</b>	GSE17721_POLYIC_VS_GARDIQUIMOD_12H_BMDM_DN	0.425	1.88	0.00188
<b>70</b>	GSE2770_UNTREATED_VS_IL12_TREATED_ACT_CD4_TCELL_2H_DN	0.329	1.56	0.0019
<b>71</b>	GSE29618_PRE_VS_DAY7_FLU_VACCINE_PD_DC_DN	0.382	1.66	0.00191
<b>72</b>	GSE22886_UNSTIM_VS_IL15_STIM_NKCELL_DN	0.557	1.91	0.00192
<b>73</b>	GSE20727_CTRL_VS_ROS_INHIBITOR_TREATED_DC_UP	0.409	1.75	0.00192
<b>74</b>	GSE2770_UNTREATED_VS_ACT_CD4_TCELL_48H_UP	0.41	1.71	0.00192
<b>75</b>	GSE19825_CD24LOW_VS_IL2RA_HIGH_DAY3_EFF_CD8_TCELL_DN	0.452	1.86	0.00193
<b>76</b>	GSE10239_MEMORY_VS_KLRG1HIGH_EFF_CD8_TCELL_DN	0.491	1.82	0.00193
<b>77</b>	GSE22886_NAIVE_CD4_TCELL_VS_48H_ACT_TH2_DN	0.506	1.92	0.00195
<b>78</b>	GSE11961_FOLLICULAR_BCELL_VS_MEMORY_BCELL_DAY7_DN	0.45	1.79	0.00195
<b>79</b>	GSE7460_CD8_TCELL_VS_TREG_ACT_DN	0.476	1.83	0.00196
<b>80</b>	GSE22886_NAIVE_BCELL_VS_BLOOD_PLASMA_CELL_DN	0.442	1.8	0.00197
<b>81</b>	GSE5542_IFNG_VS_IFNA_TREATED_EPITHELIAL_CELLS_6H_UP	0.427	1.8	0.00197
<b>82</b>	GSE42088_UNINF_VS_LEISHMANIA_INF_DC_2H_DN	-0.602	-2.04	0.002
<b>83</b>	GSE21927_SPLEEN_C57BL6_VS_4T1_TUMOR_BALBC_MONOCYTES_UP	-0.437	-1.79	0.00203
<b>84</b>	GSE22886_NAIVE_CD4_TCELL_VS_12H_ACT_TH1_UP	-0.489	-2.05	0.00204

85	GSE7509_DC_VS_MONOCYTE_WITH_FCGR IIB_STIM_UP	-0.335	-1.63	0.00206
86	GSE10239_NAIVE_VS_KLRG1INT_EFF_CD8 _TCELL_UP	-0.423	-1.87	0.00208
87	GSE9960_HEALTHY_VS_GRAM_NEG_SEPSI S_PBMC_UP	-0.316	-1.55	0.0021
88	GSE360_CTRL_VS_M_TUBERCULOSIS_DC_ UP	-0.371	-1.65	0.00212
89	GSE5503_LIVER_DC_VS_PLN_DC_ACTIVAT ED_ALLOGENIC_TCELL_UP	-0.441	-1.73	0.00212
90	GSE22886_UNSTIM_VS_IL2_STIM_NKCELL_ UP	-0.408	-1.77	0.00213
91	GSE21774_CD62L_POS_CD56_DIM_VS_CD6 2L_NEG_CD56_DIM_NK_CELL_UP	-0.442	-1.91	0.00214
92	GSE22886_DAY0_VS_DAY1_MONOCYTE_IN _CULTURE_UP	-0.562	-2.01	0.00214
93	GSE36476_CTRL_VS_TSST_ACT_72H_MEM ORY_CD4_TCELL_YOUNG_UP	-0.449	-1.77	0.00215
94	GSE28726_NAIVE_VS_ACTIVATED_CD4_TC ELL_UP	-0.525	-2.03	0.00215
95	GSE22886_DAY0_VS_DAY7_MONOCYTE_IN _CULTURE_UP	-0.559	-2.04	0.00215
96	GSE17301_CTRL_VS_48H_IFNA2_STIM_CD 8_TCELL_DN	-0.421	-1.76	0.00216
97	GSE23114_PERITONEAL_CAVITY_B1A_BCE LL_VS_SPLEEN_BCELL_IN_SLE2C1_MOUS E_UP	-0.478	-1.89	0.00217
98	GSE24574_NAIVE_VS_TCONV_CD4_TCELL_ UP	-0.514	-2.02	0.00218
99	GSE28726_ACT_CD4_TCELL_VS_ACT_VA24 NEG_NKTCELL_DN	-0.446	-1.86	0.0022
100	GSE7460_WT_VS_FOXP3_HET_ACT_TCON V_UP	-0.328	-1.59	0.00221
101	GSE3982_EFF_MEMORY_CD4_TCELL_VS_T H1_UP	-0.349	-1.63	0.00221
102	GSE24671_CTRL_VS_BAKIMULC_INFECTED _MOUSE_SPLENOCYTES_DN	-0.464	-1.88	0.00221
103	GSE17721_POLYIC_VS_GARDIQUIMOD_2H_ BMDM_UP	-0.289	-1.46	0.00222
104	GSE19401_PLN_VS_PEYERS_PATCH_FOLLI CULAR_DC_UP	-0.325	-1.57	0.00223

<b>105</b>	GSE20715_0H_VS_48H_OZONE_TLR4_KO_LUNG_UP	-0.48	-1.92	0.00224
<b>106</b>	GSE5589_WT_VS_IL10_KO_LPS_STIM_MACROPHAGE_180MIN_DN	-0.409	-1.78	0.00225
<b>107</b>	GSE28726_NAIVE_CD4_TCELL_VS_NAIVE_VA24NEG_NKTCELL_DN	-0.445	-1.83	0.00226
<b>108</b>	GSE360_DC_VS_MAC_L_MAJOR_DN	-0.303	-1.49	0.00228
<b>109</b>	GSE3982_NKCELL_VS_TH2_UP	-0.387	-1.73	0.00228
<b>110</b>	GSE12392_CD8A_POS_VS_NEG_SPLEEN_IFNB_KO_DC_DN	-0.33	-1.56	0.00229
<b>111</b>	GSE28726_NAIVE_CD4_TCELL_VS_NAIVE_NKTCELL_DN	-0.478	-1.85	0.00231
<b>112</b>	GSE25123_CTRL_VS_IL4_AND_ROSIGLITAZONE_STIM_PPARG_KO_MACROPHAGE_UP	-0.292	-1.47	0.00235
<b>113</b>	GSE17974_CTRL_VS_ACT_IL4_AND_ANTI_IL12_4H_CD4_TCELL_UP	-0.382	-1.7	0.00235
<b>114</b>	GSE24081_CONTROLLER_VS_PROGRESSOR_HIV_SPECIFIC_CD8_TCELL_UP	-0.32	-1.54	0.00236
<b>115</b>	GSE19923_WT_VS_HEB_KO_DP_THYMOCYTE_UP	-0.352	-1.64	0.00236
<b>116</b>	GSE30971_2H_VS_4H_LPS_STIM_MACROPHAGE_WBP7_KO_UP	-0.344	-1.67	0.00241
<b>117</b>	GSE22025_UNTREATED_VS_TGFB1_TREATED_CD4_TCELL_DN	-0.355	-1.63	0.00242
<b>118</b>	GSE20366_CD103_POS_VS_NEG_TREG_KLRG1NEG_UP	-0.301	-1.44	0.00258
<b>119</b>	GSE36078_UNTREATED_VS_AD5_INF_MOUSE_LUNG_DC_UP	-0.338	-1.58	0.00258
<b>120</b>	GSE15330_HSC_VS GRANULOCYTE_MONOCYTE_PROGENITOR_UP	0.328	1.6	0.00355
<b>121</b>	GSE2770_IL12_AND_TGFB_VS_IL4_TREATED_ACT_CD4_TCELL_2H_UP	0.369	1.67	0.0036
<b>122</b>	GSE17186_BLOOD_VS_CORD_BLOOD_CD21HIGH_TRANSITIONAL_BCELL_UP	0.384	1.7	0.00372
<b>123</b>	GSE37532_TREG_VS_TCONV_CD4_TCELL_FROM_VISCERAL_ADIPOSE_TISSUE_DN	0.463	1.75	0.00376
<b>124</b>	GSE20198_UNTREATED_VS_IL12_TREATED_ACT_CD4_TCELL_UP	0.388	1.72	0.00377
<b>125</b>	GSE557_CIITA_KO_VS_I_AB_KO_DC_DN	0.376	1.66	0.00377
<b>126</b>	GSE26351_UNSTIM_VS_WNT_PATHWAY_STIM_HEMATOPOIETIC_PROGENITORS_DN	0.335	1.59	0.00379

<b>127</b>	GSE5542_IFNG_VS_IFNA_TREATED_EPITH ELIAL_CELLS_24H_UP	0.417	1.76	0.00382
<b>128</b>	GSE27786_CD8_TCELL_VS_NEUTROPHIL_UP	0.359	1.63	0.00383
<b>129</b>	GSE16385_MONOCYTE_VS_12H_ROSIGLIT AZONE_TREATED_MACROPHAGE_DN	0.429	1.76	0.00384
<b>130</b>	GSE22886_NAIVE_CD4_TCELL_VS_12H_AC T_TH2_DN	0.473	1.87	0.00392
<b>131</b>	GSE21927_GMCSF_IL6_VS_GMCSF_GCSF_TREATED_BONE_MARROW_DN	0.441	1.72	0.00402
<b>132</b>	GSE46606_IRF4MID_VS_WT_CD40L_IL2_IL5 DAY1_STIMULATED_BCELL_UP	-0.316	-1.53	0.00405
<b>133</b>	GSE26495_NAIVE_VS_PD1LOW_CD8_TCEL L_UP	-0.351	-1.62	0.00412
<b>134</b>	GSE20715_WT_VS_TLR4_KO_24H_OZONE_LUNG_DN	-0.369	-1.65	0.00417
<b>135</b>	GSE24634_NAIVE_CD4_TCELL_VS_DAY7_IL 4_CONV_TREG_UP	-0.346	-1.6	0.00424
<b>136</b>	GSE1460_DP_THYMOCYTE_VS_NAIVE_CD4_TCELL_ADULT_BLOOD_DN	-0.489	-1.96	0.00428
<b>137</b>	GSE6269_FLU_VS_E_COLI_INF_PBMC_DN	-0.447	-1.77	0.00429
<b>138</b>	GSE26495_NAIVE_VS_PD1HIGH_CD8_TCEL L_UP	-0.361	-1.67	0.00431
<b>139</b>	GSE17974_CTRL_VS_ACT_IL4_AND_ANTI_I L12_2H_CD4_TCELL_UP	-0.402	-1.74	0.00432
<b>140</b>	GSE28726_ACT_CD4_TCELL_VS_ACT_NKT CELL_DN	-0.457	-1.9	0.00433
<b>141</b>	GSE33374_CD8_ALPHAALPHA_VS_ALPHAB ETA_CD161_HIGH_TCELL_UP	-0.379	-1.6	0.0044
<b>142</b>	GSE19198_CTRL_VS_IL21_TREATED_TCEL L_24H_DN	-0.4	-1.76	0.00442
<b>143</b>	GSE23925_DARK_ZONE_VS_NAIVE_BCELL_DN	-0.41	-1.68	0.00443
<b>144</b>	GSE27241_WT_VS_RORGT_KO_TH17_POL ARIZED_CD4_TCELL_TREATED_WITH_DIG OXIN_DN	-0.381	-1.69	0.00443
<b>145</b>	GSE17974_0H_VS_24H_IN_VITRO_ACT_CD 4_TCELL_UP	-0.434	-1.84	0.00444
<b>146</b>	GSE40274_CTRL_VS_FOXP3_AND_XBP1_T RANSDUCED_ACTIVATED_CD4_TCELL_DN	-0.445	-1.83	0.00445
<b>147</b>	GSE17974_0H_VS_6H_IN_VITRO_ACT_CD4_TCELL_UP	-0.421	-1.82	0.00448

<b>148</b>	GSE28783_ANTI_MIR33_VS_UNTREATED_A THEROSCLEROSIS_MACROPHAGE_UP	-0.355	-1.65	0.00449
<b>149</b>	GSE22886_TH1_VS_TH2_12H_ACT_UP	-0.286	-1.43	0.0045
<b>150</b>	GSE26727_WT_VS_KLF2_KO_LPS_STIM_M ACROPHAGE_UP	-0.389	-1.72	0.00453
<b>151</b>	GSE22025_TGFB1_VS_TGFB1_AND_PROGE STERONE_TREATED_CD4_TCELL_UP	-0.383	-1.68	0.00455
<b>152</b>	GSE37301_HEMATOPOIETIC_STEM_CELL_ VS_LYMPHOID_PRIMED_MPP_UP	-0.307	-1.53	0.00458
<b>153</b>	GSE360_HIGH_VS_LOW_DOSE_B_MALAYI_ MAC_DN	-0.322	-1.59	0.00459
<b>154</b>	GSE36476_CTRL_VS_TSST_ACT_16H_MEM ORY_CD4_TCELL_OLD_UP	-0.404	-1.73	0.00459
<b>155</b>	GSE29164_DAY3_VS_DAY7_CD8_TCELL_AN D_IL12_TREATED_MELANOMA_DN	-0.33	-1.49	0.00464
<b>156</b>	GSE29164_DAY3_VS_DAY7_CD8_TCELL_TR EATED_MELANOMA_UP	-0.331	-1.54	0.00465
<b>157</b>	GSE34217_MIR17_92_OVEREXPRESS_VS_ WT_ACT_CD8_TCELL_UP	-0.358	-1.56	0.00465
<b>158</b>	GSE1460_DP_THYMOCYTE_VS_NAIVE_CD4 _TCELL_CORD_BLOOD_DN	-0.384	-1.69	0.00465
<b>159</b>	GSE2706_R848_VS_LPS_8H_STIM_DC_UP	-0.326	-1.5	0.00505
<b>160</b>	GSE2770_IL12_AND_TGFB_VS_IL4_TREATE D_ACT_CD4_TCELL_6H_DN	-0.33	-1.51	0.00509
<b>161</b>	GSE36392_EOSINOPHIL_VS_MAC_IL25_TR EATED_LUNG_UP	-0.323	-1.52	0.00516
<b>162</b>	GSE22886_NEUTROPHIL_VS_DC_UP	-0.357	-1.59	0.00535
<b>163</b>	GSE6092_UNSTIM_VS_IFNG_STIM_ENDOT HELIAL_CELL_UP	0.377	1.67	0.00544
<b>164</b>	GSE17721_POLYIC_VS_CPG_16H_BMDM_D N	0.332	1.56	0.00546
<b>165</b>	GSE2770_IL12_ACT_VS_ACT_CD4_TCELL_2 H_DN	0.403	1.69	0.00552
<b>166</b>	GSE17721_POLYIC_VS_CPG_24H_BMDM_D N	0.377	1.64	0.00554
<b>167</b>	GSE22886_IGM_MEMORY_BCELL_VS_BLO OD_PLASMA_CELL_DN	0.43	1.8	0.00561
<b>168</b>	GSE33292_DN3_THYMOCYTE_VS_TCELL_L YMPHOMA_FROM_TCF1_KO_UP	0.395	1.64	0.00563
<b>169</b>	GSE21670_STAT3_KO_VS_WT_CD4_TCELL_ TGFB_TREATED_UP	0.38	1.69	0.00566



<b>170</b>	GSE6090_UNSTIM_VS_DC-SIGN_STIM_DC_UP	0.422	1.69	0.00568
<b>171</b>	GSE17721_LPS_VS_CPG_4H_BMDM_DN	0.374	1.62	0.00571
<b>172</b>	GSE20727_CTRL_VS_ROS_INH_AND_DNFB_ALLERGEN_TREATED_DC_DN	0.473	1.8	0.00592
<b>173</b>	GSE18893_CTRL_VS_TNF_TREATED_TCONV_2H_DN	0.381	1.65	0.00594
<b>174</b>	GSE37605_FOXP3_FUSION_GFP_VS_IRES_GFP_TREG_C57BL6_UP	-0.474	-1.84	0.00608
<b>175</b>	GSE7831_1H_VS_4H_INFLUENZA_STIM_PD_C_UP	-0.347	-1.59	0.00615
<b>176</b>	GSE41176_UNSTIM_VS_ANTI_IGM_STIM_TAK1_KO_BCELL_24H_UP	-0.436	-1.72	0.00616
<b>177</b>	GSE40274_CTRL_VS_GATA1_TRANSDUCE_ACTIVATED_CD4_TCELL_UP	-0.465	-1.82	0.00636
<b>178</b>	GSE11864_UNTREATED_VS_CSF1_IFNG_IN_MAC_UP	-0.329	-1.56	0.00637
<b>179</b>	GSE22601_IMMATURE_CD4_SINGLE_POSITIVE_VS_CD8_SINGLE_POSITIVE_THYMOCYTE_UP	-0.504	-1.98	0.0064
<b>180</b>	GSE22886_NAIVE_CD4_TCELL_VS_NKCELL_UP	-0.426	-1.79	0.00642
<b>181</b>	GSE2706_2H_VS_8H_R848_STIM_DC_UP	-0.426	-1.78	0.00645
<b>182</b>	GSE20715_0H_VS_48H_OZONE_LUNG_UP	-0.44	-1.84	0.00647
<b>183</b>	GSE12845_NAIVE_VS_PRE_GC_TONSIL_BCELL_UP	-0.348	-1.66	0.00652
<b>184</b>	GSE11864_UNTREATED_VS_CSF1_IN_MAC_UP	-0.366	-1.64	0.00655
<b>185</b>	GSE16450_CTRL_VS_IFNA_6H_STIM_IMMATURE_NEURON_CELL_LINE_DN	-0.485	-1.89	0.00655
<b>186</b>	GSE27859_MACROPHAGE_VS_DC_DN	-0.376	-1.63	0.00667
<b>187</b>	GSE22886_NAIVE_BCELL_VS_BLOOD_PLASMA_CELL_UP	-0.409	-1.63	0.00668
<b>188</b>	GSE22229_RENAL_TRANSPLANT_VS_HEALTHY_PBMC_DN	-0.353	-1.63	0.00673
<b>189</b>	GSE37301_PRO_BCELL_VS GRANULOCYTE_MONOCYTE_PROGENITOR_UP	-0.386	-1.67	0.00673
<b>190</b>	GSE17721_POLYIC_VS_GARDIQUIMOD_8H_BMDM_UP	-0.298	-1.48	0.00674
<b>191</b>	GSE15930_NAIVE_VS_48H_IN_VITRO_STIM_CD8_TCELL_UP	-0.357	-1.65	0.00674

<b>192</b>	GSE36888_STAT5_AB_KNOCKIN_VS_WT_T CELL_IL2_TREATED_2H_UP	-0.449	-1.85	0.00676
<b>193</b>	GSE30962_ACUTE_VS_CHRONIC_LCMV_SE CONDARY_INF_CD8_TCELL_UP	-0.338	-1.58	0.00677
<b>194</b>	GSE22886_CD8_VS_CD4_NAIVE_TCELL_DN	-0.415	-1.71	0.00679
<b>195</b>	GSE2770_UNTREATED_VS_ACT_CD4_TCEL L_2H_UP	-0.355	-1.62	0.00683
<b>196</b>	GSE9509_10MIN_VS_30MIN_LPS_STIM_IL10 KO_MACROPHAGE_DN	-0.415	-1.73	0.00685
<b>197</b>	GSE22886_DC_VS_MONOCYTE_DN	-0.519	-1.88	0.00688
<b>198</b>	GSE24142_DN2_VS_DN3_THYMOCYTE_DN	-0.371	-1.67	0.00694
<b>199</b>	GSE5542_IFNG_VS_IFNA_AND_IFNG_TREA TED_EPITHELIAL_CELLS_6H_UP	0.307	1.48	0.00697
<b>200</b>	GSE12392_CD8A_POS_VS_NEG_SPLEEN_D C_UP	0.319	1.5	0.00698
<b>201</b>	GSE24574_BCL6_HIGH_TFH_VS_TCONV_C D4_TCELL_UP	-0.343	-1.55	0.00698
<b>202</b>	GSE22229_UNTREATED_VS_IMMUNOSUPP _THERAPY_RENAL_TRANSPLANT_PATIENT _PBMC_DN	-0.357	-1.64	0.00716
<b>203</b>	GSE39152_CD103_NEG_VS_POS_MEMORY _CD8_TCELL_UP	-0.317	-1.52	0.00723
<b>204</b>	GSE43863_TH1_VS_TFH_MEMORY_CD4_T CELL_UP	0.419	1.78	0.00726
<b>205</b>	GSE37532_VISCERAL_ADIPOSE_TISSUE_V S_LN_DERIVED_PPARG_KO_TREG_CD4_T CELL_UP	0.394	1.65	0.00731
<b>206</b>	GSE20727_CTRL_VS_DNFB_ALLERGEN_TR EATED_DC_UP	0.372	1.66	0.00735
<b>207</b>	GSE3982_MAST_CELL_VS_NEUTROPHIL_U P	0.351	1.6	0.00735
<b>208</b>	GSE23321_CD8_STEM_CELL_MEMORY_VS _NAIVE_CD8_TCELL_UP	0.404	1.69	0.00737
<b>209</b>	GSE21670_TGFB_VS_IL6_TREATED_CD4_T CELL_UP	-0.328	-1.51	0.00741
<b>210</b>	GSE21670_IL6_VS_TGFB_AND_IL6_TREATE D_STAT3_KO_CD4_TCELL_UP	0.396	1.68	0.00746
<b>211</b>	GSE17721_LPS_VS_POLYIC_12H_BMDM_U P	0.315	1.52	0.00748
<b>212</b>	GSE8685_IL2_STARVED_VS_IL2_ACT_IL2_S TARVED_CD4_TCELL_DN	0.391	1.65	0.00749

<b>213</b>	GSE17721_CTRL_VS_PAM3CSK4_1H_BMD M_UP	0.344	1.59	0.00759
<b>214</b>	GSE26559_TCF1_KO_VS_WT_LIN_NEG_CE LL_DN	-0.326	-1.5	0.0076
<b>215</b>	GSE19374_UNINF_VS_LISTERIA_INFECTED _MACROPHAGE_UP	-0.302	-1.49	0.00771
<b>216</b>	GSE17974_IL4_AND_ANTI_IL12_VS_UNTRE ATED_1H_ACT_CD4_TCELL_UP	-0.327	-1.54	0.00787
<b>217</b>	GSE40274_CTRL_VS_FOXP3_AND_HELIOS _TRANSDUCED_ACTIVATED_CD4_TCELL_D N	0.435	1.73	0.00798
<b>218</b>	GSE360_LOW_DOSE_B_MALAYI_VS_M_TU BERCULOSIS_DC_UP	-0.39	-1.73	0.00832
<b>219</b>	GSE37605_TREG_VS_TCONV_NOD_FOXP3 _FUSION_GFP_UP	-0.492	-1.85	0.0084
<b>220</b>	GSE32986_UNSTIM_VS_GMCSF_STIM_DC_ UP	-0.383	-1.65	0.00846
<b>221</b>	GSE22935_UNSTIM_VS_12H_MBOVIS_BCG _STIM_MYD88_KO_MACROPHAGE_DN	-0.344	-1.57	0.00851
<b>222</b>	GSE7460_WT_VS_FOXP3_HET_ACT_WITH_ TGFB_TCONV_UP	-0.359	-1.64	0.00851
<b>223</b>	GSE17721_CTRL_VS_PAM3CSK4_6H_BMD M_DN	0.356	1.58	0.00853
<b>224</b>	GSE37532_VISCERAL_ADIPOSE_TISSUE_V S_LN_DERIVED_TREG_CD4_TCELL_DN	-0.329	-1.49	0.00862
<b>225</b>	GSE24574_BCL6_HIGH_TFH_VS_NAIVE_CD 4_TCELL_UP	-0.395	-1.69	0.00862
<b>226</b>	GSE6269_E_COLI_VS_STAPH_AUREUS_INF _PBMC_DN	-0.381	-1.62	0.0087
<b>227</b>	GSE3982_MEMORY_CD4_TCELL_VS_TH2_ UP	-0.395	-1.68	0.0087
<b>228</b>	GSE18281_SUBCAPSULAR_VS_PERIMEDUL LARY_CORTICAL_REGION_OF_THYMUS_D N	0.425	1.7	0.00874
<b>229</b>	GSE2770_IL4_ACT_VS_ACT_CD4_TCELL_6 H_DN	0.354	1.61	0.00877
<b>230</b>	GSE2405_0H_VS_1.5H_A_PHAGOCYTOPHIL UM_STIM_NEUTROPHIL_UP	-0.403	-1.64	0.00877
<b>231</b>	GSE32034_LY6C_HIGH_VS_LOW_ROSIGLIZ ATONE_TREATED_MONOCYTE_UP	-0.346	-1.57	0.00881
<b>232</b>	GSE11057_NAIVE_VS_EFF_MEMORY_CD4_ TCELL_UP	-0.368	-1.59	0.00883

<b>233</b>	GSE12366_GC_VS_MEMORY_BCELL_DN	-0.393	-1.65	0.00885
<b>234</b>	GSE11924_TFH_VS_TH1_CD4_TCELL_DN	0.349	1.57	0.00891
<b>235</b>	GSE3982_DC_VS_NEUTROPHIL_UP	0.341	1.61	0.00893
<b>236</b>	GSE6259_FLT3L_INDUCED_DEC205_POS_D C_VS_CD8_TCELL_UP	-0.365	-1.6	0.00893
<b>237</b>	GSE21033_CTRL_VS_POLYIC_STIM_DC_12 H_DN	0.344	1.56	0.00894
<b>238</b>	GSE27786_LSK_VS_LIN_NEG_CELL_UP	-0.309	-1.52	0.00895
<b>239</b>	GSE2770_UNTREATED_VS_TGFB_AND_IL4 _TREATED_ACT_CD4_TCELL_4H_UP	-0.314	-1.49	0.00897
<b>240</b>	GSE10856_CTRL_VS_TNFRSF6B_IN_MACR OPHAGE_DN	0.384	1.64	0.00899
<b>241</b>	GSE2770_TGFB_AND_IL4_VS_IL4_TREATED _ACT_CD4_TCELL_6H_DN	0.397	1.7	0.00904
<b>242</b>	GSE40274_CTRL_VS_LEF1_TRANSDUCE D_ACTIVATED_CD4_TCELL_UP	-0.399	-1.69	0.00905
<b>243</b>	GSE11924_TFH_VS_TH2_CD4_TCELL_DN	0.377	1.62	0.00907
<b>244</b>	GSE30962_ACUTE_VS_CHRONIC_LCMV_P RIMARY_INF_CD8_TCELL_UP	-0.411	-1.73	0.00915
<b>245</b>	GSE3982_MAST_CELL_VS_NKCELL_DN	-0.426	-1.76	0.00915
<b>246</b>	GSE2770_UNTREATED_VS_IL12_TREATED_ ACT_CD4_TCELL_48H_DN	0.394	1.65	0.00917
<b>247</b>	GSE23505_IL6_IL1_IL23_VS_IL6_IL1_TGFB_ TREATED_CD4_TCELL_DN	0.367	1.61	0.00919
<b>248</b>	GSE8685_IL2_ACT_IL2_STARVED_VS_IL15_ ACT_IL2_STARVED_CD4_TCELL_DN	0.324	1.52	0.00919
<b>249</b>	GSE26343_WT_VS_NFAT5_KO_MACROPHA GE_LPS_STIM_UP	-0.324	-1.6	0.0092
<b>250</b>	GSE10240_CTRL_VS_IL22_STIM_PRIMARY_ BRONCHIAL_EPITHELIAL_CELLS_DN	0.303	1.46	0.00922
<b>251</b>	GSE17186_BLOOD_VS_CORD_BLOOD_NAI VE_BCELL_DN	-0.307	-1.52	0.00932
<b>252</b>	GSE19772_HCMV_INFL_VS_HCMV_INF_MO NOCYTES_AND_PI3K_INHIBITION_UP	-0.339	-1.52	0.00932
<b>253</b>	GSE2770_TGFB_AND_IL4_VS_TGFB_AND_I L12_TREATED_ACT_CD4_TCELL_2H_DN	0.405	1.64	0.00935
<b>254</b>	GSE17721_0.5H_VS_24H_PAM3CSK4_BMD M_DN	0.366	1.59	0.00935
<b>255</b>	GSE46606_DAY1_VS_DAY3_CD40L_IL2_IL5_ STIMULATED_IRF4_KO_BCELL_DN	0.323	1.48	0.00936

<b>256</b>	GSE2128_CTRL_VS_MIMETOPE_NEGATIVE_SELECTION_DP_THYMOCYTE_C57BL6_UP	-0.366	-1.59	0.00943
<b>257</b>	GSE21033_1H_VS_12H_POLYIC_STIM_DC_UP	-0.32	-1.52	0.00948
<b>258</b>	GSE3982_DC_VS_EFF_MEMORY_CD4_TCELL_DN	-0.362	-1.64	0.00952
<b>259</b>	GSE2770_IL12_AND_TGFB_ACT_VS_ACT_CD4_TCELL_48H_DN	0.425	1.71	0.00954
<b>260</b>	GSE40225_WT_VS_RIP_B7X_DIABETIC_MOUSE_PANCREATIC_CD8_TCELL_DN	0.403	1.68	0.00954
<b>261</b>	GSE30083_SP2_VS_SP4_THYMOCYTE_UP	-0.31	-1.45	0.00955
<b>262</b>	GSE14769_UNSTIM_VS_80MIN_LPS_BMDM_UP	0.318	1.46	0.00956
<b>263</b>	GSE12845_IGD_POS_BLOOD_VS_DARKZONE_GC_TONSIL_BCELL_DN	0.379	1.67	0.00971
<b>264</b>	GSE15930_NAIVE_VS_48H_IN_VITRO_STIM_IFNAB_CD8_TCELL_UP	-0.32	-1.51	0.00971
<b>265</b>	GSE40273_GATA1_KO_VS_WT_TREG_UP	0.401	1.65	0.00975
<b>266</b>	GSE24634_NAIVE_CD4_TCELL_VS_DAY5_IL4_CONV_TREG_DN	0.485	1.85	0.0098
<b>267</b>	GSE3039_CD4_TCELL_VS_ALPHABETA_CD8_TCELL_UP	-0.387	-1.6	0.0098
<b>268</b>	GSE5589_LPS_AND_IL10_VS_LPS_AND_IL6_STIM_IL10_KO_MACROPHAGE_45MIN_UP	-0.315	-1.51	0.00985
<b>269</b>	GSE18791_CTRL_VS_NEWCASTLE_VIRUS_DC_8H_UP	0.39	1.63	0.0099
<b>270</b>	GSE17974_CTRL_VS_ACT_IL4_AND_ANTI_IL12_12H_CD4_TCELL_DN	0.445	1.73	0.01
<b>271</b>	GSE17721_0.5H_VS_12H_PAM3CSK4_BMDM_UP	-0.329	-1.51	0.0101
<b>272</b>	GSE22886_NAIVE_TCELL_VS_DC_UP	-0.556	-1.92	0.0103
<b>273</b>	GSE29949_MICROGLIA_VS_DC_BRAIN_DN	-0.329	-1.49	0.0105
<b>274</b>	GSE11057_NAIVE_VS_MEMORY_CD4_TCELL_UP	-0.349	-1.58	0.0106
<b>275</b>	GSE7460_TREG_VS_TCONV_ACT_WITH_TGFB_DN	-0.411	-1.64	0.0106
<b>276</b>	GSE11864_UNTREATED_VS-CSF1_IFNG_IN_MAC_DN	0.389	1.68	0.0107
<b>277</b>	GSE14308_NAIVE_CD4_TCELL_VS_INDUCED_TREG_DN	0.288	1.44	0.0107

<b>278</b>	GSE17974_0H_VS_2H_IN_VITRO_ACT_CD4_TCELL_UP	-0.376	-1.65	0.0107
<b>279</b>	GSE18791_UNSTIM_VS_NEWCATSLE_VIRUS_DC_6H_UP	0.377	1.61	0.0108
<b>280</b>	GSE15930_NAIVE_VS_48H_IN_VITRO_STIM_IL12_CD8_TCELL_UP	-0.325	-1.54	0.0108
<b>281</b>	GSE36476_CTRL_VS_TSST_ACT_40H_MEMORY_CD4_TCELL_YOUNG_UP	-0.448	-1.72	0.0108
<b>282</b>	GSE9239_CTRL_VS_TNF_INHIBITOR_TREATED_DC_UP	-0.34	-1.57	0.0109
<b>283</b>	GSE9650_GP33_VS_GP276_LCMV_SPECIFIC_EXHAUSTED_CD8_TCELL_UP	-0.354	-1.59	0.0109
<b>284</b>	GSE360_CTRL_VS_T_GONDII_DC_UP	-0.401	-1.7	0.0109
<b>285</b>	GSE24634_TEFF_VS_TCONV_DAY5_IN_CULTURE_DN	-0.427	-1.75	0.0109
<b>286</b>	GSE32986_UNSTIM_VS_GMCSF_AND_CURDLAN_HIGHDOSE_STIM_DC_DN	-0.424	-1.77	0.0109
<b>287</b>	GSE21670_STAT3_KO_VS_WT_CD4_TCELL_IL6_TREATED_DN	-0.365	-1.56	0.0111
<b>288</b>	GSE5503_MLN_DC_VS_SPLEEN_DC_ACTIVATED_ALLOGENIC_TCELL_UP	-0.335	-1.58	0.0111
<b>289</b>	GSE1460_INTRATHYMIC_T_PROGENITOR_VS_NAIVE_CD4_TCELL_ADULT_BLOOD_DN	-0.409	-1.76	0.0111
<b>290</b>	GSE22919_RESTING_VS_IL2_IL12_IL15_STIM_NK_CELL_UP	0.403	1.7	0.0112
<b>291</b>	GSE7596_AKT_TRANSD_VS_CTRL_CD4_TCONV_WITH_TGFB_DN	-0.355	-1.52	0.0112
<b>292</b>	GSE4811_CLASSSICALY_ACTIVATED_VS_TYPE_2_ACTIVATED_MACROPHAGE_UP	0.327	1.48	0.0113
<b>293</b>	GSE2405_S_AUREUS_VS_A_PHAGOCYTOPHILUM_NEUTROPHIL_UP	-0.416	-1.66	0.0113
<b>294</b>	GSE17974_CTRL_VS_ACT_IL4_AND_ANTI_IL12_6H_CD4_TCELL_UP	-0.379	-1.66	0.0114
<b>295</b>	GSE27241_CTRL_VS_DIGOXIN_TREATED_CD4_TCELL_IN_TH17_POLARIZING_CONDITIONS_DN	-0.41	-1.69	0.0114
<b>296</b>	GSE22432_MULTIPOTENT_VS_COMMON_DC_PROGENITOR_UP	0.4	1.64	0.0115
<b>297</b>	GSE30971_2H_VS_4H_LPS_STIM_MACROPHAGE_WBP7_KO_DN	-0.296	-1.44	0.0115
<b>298</b>	GSE7852_THYMUS_VS_FAT_TREG_UP	0.394	1.63	0.0116

<b>299</b>	GSE3039_NKT_CELL_VS_B1_BCELL_UP	-0.337	-1.54	0.0116
<b>300</b>	GSE6259_DEC205_POS_DC_VS_CD8_TCELL_DN	-0.348	-1.54	0.0116
<b>301</b>	GSE14000_TRANSLATED_RNA_VS_MRNA_4H_LPS_DC_UP	0.461	1.71	0.0117
<b>302</b>	GSE10239_MEMORY_VS_KLRG1INT_EFF_CD8_TCELL_DN	0.411	1.66	0.0117
<b>303</b>	GSE17721_CTRL_VS_LPS_4H_BMDM_UP	0.319	1.51	0.0117
<b>304</b>	GSE3982_MAC_VS_EFF_MEMORY_CD4_TCELL_DN	-0.311	-1.5	0.0117
<b>305</b>	GSE360_CTRL_VS_L_MAJOR_DC_DN	-0.38	-1.63	0.0117
<b>306</b>	GSE39152_SPLEEN_CD103_NEG_VS_BRAIN_CD103_POS_MEMORY_CD8_TCELL_DN	-0.292	-1.39	0.0119
<b>307</b>	GSE24634_TEFF_VS_TCONV_DAY5_IN_CULTURE_UP	0.501	1.79	0.0121
<b>308</b>	GSE25123_ROSIGLITAZONE_VS_IL4_AND_ROSIGLITAZONE_STIM_MACROPHAGE_DAY10_UP	0.323	1.47	0.0123
<b>309</b>	GSE3720_VD1_VS_VD2_GAMMADELTA_TCELL_UP	0.354	1.55	0.0128
<b>310</b>	GSE17974_IL4_AND_ANTI_IL12_VS_UNTREATED_24H_ACT_CD4_TCELL_UP	-0.314	-1.48	0.0128
<b>311</b>	GSE3982_MAC_VS_CENT_MEMORY_CD4_TCELL_DN	-0.376	-1.67	0.0129
<b>312</b>	GSE17974_IL4_AND_ANTI_IL12_VS_UNTREATED_72H_ACT_CD4_TCELL_UP	-0.306	-1.45	0.013
<b>313</b>	GSE22886_TH1_VS_TH2_48H_ACT_UP	-0.316	-1.46	0.013
<b>314</b>	GSE24574_BCL6_LOW_TFH_VS_NAIVE_CD4_TCELL_UP	-0.335	-1.48	0.013
<b>315</b>	GSE15624_3H_VS_6H_HALOFUGINONE_TREATED_CD4_TCELL_UP	-0.361	-1.62	0.013
<b>316</b>	GSE34392_ST2_KO_VS_WT_DAY8_LCMV_EFFECTOR_CD8_TCELL_UP	-0.333	-1.54	0.0131
<b>317</b>	GSE36476_CTRL_VS_TSST_ACT_16H_MEMORY_CD4_TCELL_YOUNG_UP	-0.411	-1.68	0.0131
<b>318</b>	GSE22886_UNSTIM_VS_STIM_MEMORY_TCELL_DN	0.457	1.77	0.0132
<b>319</b>	GSE6269_FLU_VS_STREP_PNEUMO_INF_PBMC_DN	-0.347	-1.51	0.0132
<b>320</b>	GSE360_L_MAJOR_VS_M_TUBERCULOSIS_DC_UP	-0.327	-1.52	0.0132

<b>321</b>	GSE12845_IGD_NEG_BLOOD_VS_NAIVE_T ONSIL_BCELL_DN	-0.36	-1.6	0.0132
<b>322</b>	GSE21927_SPLEEN_VS_C26GM_TUMOR_M ONOCYTE_BALBC_DN	0.39	1.56	0.0133
<b>323</b>	GSE18893_CTRL_VS_TNF_TREATED_TCON V_24H_UP	0.314	1.5	0.0133
<b>324</b>	GSE28237_FOLLICULAR_VS_EARLY_GC_B CELL_DN	0.396	1.68	0.0134
<b>325</b>	GSE1460_NAIVE_CD4_TCELL_CORD_BLOO D_VS_THYMIC_STROMAL_CELL_DN	0.389	1.59	0.0134
<b>326</b>	GSE36392_TYPE_2_MYELOID_VS_EOSINO PHIL_IL25_TREATED_LUNG_UP	-0.278	-1.43	0.0134
<b>327</b>	KAECH_NAIVE_VS_DAY8_EFF_CD8_TCELL _UP	-0.301	-1.44	0.0134
<b>328</b>	GSE12845_IGD_POS_VS_NEG_BLOOD_BCE LL_UP	-0.363	-1.58	0.0134
<b>329</b>	GSE36891_UNSTIM_VS_POLYIC_TLR3_STI M_PERITONEAL_MACROPHAGE_UP	-0.44	-1.67	0.0134
<b>330</b>	GSE22886_IGG_IGA_MEMORY_BCELL_VS_ BLOOD_PLASMA_CELL_DN	0.352	1.58	0.0135
<b>331</b>	GSE37301_LYMPHOID_PRIMED_MPP_VS_R AG2_KO_NK_CELL_DN	-0.284	-1.41	0.0137
<b>332</b>	GSE29164_UNTREATED_VS_CD8_TCELL_T REATED_MELANOMA_DAY7_DN	-0.353	-1.51	0.0137
<b>333</b>	GSE360_L_DONOVANI_VS_B_MALAYI_HIGH _DOSE_DC_DN	-0.327	-1.55	0.0137
<b>334</b>	GSE17721_LPS_VS_POLYIC_24H_BMDM_D N	-0.358	-1.6	0.0137
<b>335</b>	GSE45739_UNSTIM_VS_ACD3_ACD28_STIM _WT_CD4_TCELL_UP	-0.359	-1.6	0.0137
<b>336</b>	GSE39110_DAY3_VS_DAY6_POST_IMMUNIZ ATION_CD8_TCELL_UP	-0.325	-1.51	0.0138
<b>337</b>	GSE22886_IGM_MEMORY_BCELL_VS_BLO OD_PLASMA_CELL_UP	-0.381	-1.61	0.0138
<b>338</b>	GSE2770_TGFB_AND_IL4_ACT_VS_ACT_CD 4_TCELL_48H_UP	0.374	1.6	0.014
<b>339</b>	GSE13306_RA_VS_UNTREATED_TREG_DN	-0.298	-1.47	0.014
<b>340</b>	GSE17721_LPS_VS_POLYIC_24H_BMDM_U P	0.379	1.59	0.0142
<b>341</b>	GSE11864_UNTREATED_VS-CSF1_IFNG_PA M3CYS_IN_MAC_DN	0.346	1.57	0.0143



<b>342</b>	GSE7509_FCGRIB_VS_TNFA_IL1B_IL6_PGE_STIM_DC_DN	-0.496	-1.84	0.0145
<b>343</b>	GSE30971_WBP7_HET_VS_KO_MACROPHAGE_4H_LPS_STIM_UP	0.437	1.71	0.0146
<b>344</b>	GSE9601_UNTREATED_VS_PI3K_INHIBITOR_TREATED_HCMV_INF_MONOCYTE_DN	0.372	1.55	0.0146
<b>345</b>	GSE5589_UNSTIM_VS_180MIN_LPS_STIM_MACROPHAGE_UP	0.309	1.49	0.0146
<b>346</b>	GSE37416_CTRL_VS_24H_F_TULARENSIS_LVS_NEUTROPHIL_DN	0.326	1.49	0.0147
<b>347</b>	GSE24142_ADULT_VS_FETAL_DN3_THYMOCYTE_DN	-0.283	-1.38	0.0147
<b>348</b>	GSE1460_DP_THYMOCYTE_VS_NAIVE_CD4_TCELL_ADULT_BLOOD_UP	0.396	1.7	0.015
<b>349</b>	GSE22589_HEALTHY_VS_HIV_AND_SIV_INFECTED_DC_DN	0.36	1.54	0.015
<b>350</b>	GSE5589_LPS_AND_IL10_VS_LPS_AND_IL6_STIM_IL6_KO_MACROPHAGE_45MIN_DN	-0.309	-1.45	0.015
<b>351</b>	GSE21546_WT_VS_SAP1A_KO_AND_ELK1_KO_DP_THYMOCYTES_DN	-0.403	-1.66	0.015
<b>352</b>	GSE30962_PRIMARY_VS_SECONDARY_CHRONIC_LCMV_INF_CD8_TCELL_UP	0.408	1.71	0.0152
<b>353</b>	GSE3982_EFF_MEMORY_CD4_TCELL_VS_TH1_DN	0.404	1.64	0.0152
<b>354</b>	GSE27859_DC_VS_CD11C_INT_F480_HI_MACROPHAGE_UP	0.376	1.64	0.0152
<b>355</b>	GSE1432_1H_VS_6H_IFNG_MICROGLIA_UP	-0.284	-1.42	0.0152
<b>356</b>	GSE29618_PRE_VS_DAY7_POST_LAIV_FLU_VACCINE_MDC_DN	-0.288	-1.43	0.0152
<b>357</b>	GSE15215_CD2_POS_VS_NEG_PDC_UP	-0.341	-1.53	0.0153
<b>358</b>	GSE3982_DC_VS_CENT_MEMORY_CD4_TCELL_DN	-0.368	-1.64	0.0154
<b>359</b>	GSE39382_IL3_VS_IL3_IL33_TREATED_MAST_CELL_UP	-0.314	-1.51	0.0156
<b>360</b>	GSE360_T_GONDII_VS_B_MALAYI_HIGH_DOSE_DC_DN	-0.358	-1.58	0.0156
<b>361</b>	GSE10856_CTRL_VS_TNFRSF6B_IN_MACROPHAGE_UP	-0.355	-1.62	0.0156
<b>362</b>	GSE39556_UNTREATED_VS_3H_POLYIC_INJ_MOUSE_CD8A_DC_DN	-0.38	-1.57	0.0158
<b>363</b>	GSE360_DC_VS_MAC_T_GONDII_DN	-0.385	-1.65	0.0158

<b>364</b>	GSE43700_UNTREATED_VS_IL10_TREATED_PBMC_UP	-0.288	-1.41	0.0159
<b>365</b>	GSE11961_UNSTIM_VS_ANTI_IGM_AND_CD40_STIM_6H_FOLLICULAR_BCELL_DN	-0.336	-1.54	0.0159
<b>366</b>	GSE360_L_DONOVANI_VS_B_MALAYI_LOW_DOSE_DC_DN	-0.385	-1.64	0.0159
<b>367</b>	GSE7460_CD8_TCELL_VS_TREG_ACT_UP	-0.349	-1.6	0.016
<b>368</b>	GSE19401_PAM2CSK4_VS_RETINOIC_ACID_STIM_FOLLICULAR_DC_DN	-0.311	-1.45	0.0162
<b>369</b>	GSE17974_CTRL_VS_ACT_IL4_AND_ANTI_IL12_2H_CD4_TCELL_DN	0.393	1.64	0.0163
<b>370</b>	GSE19941_UNSTIM_VS_LPS_AND_IL10_STIM_IL10_KO_MACROPHAGE_UP	-0.344	-1.53	0.0163
<b>371</b>	GSE11864_UNTREATED_VS_CSF1_PAM3CYS_IN_MAC_DN	0.334	1.53	0.0164
<b>372</b>	GSE14386_UNTREATED_VS_IFNA_TREATED_ACT_PBMC_MS_PATIENT_UP	-0.325	-1.48	0.0164
<b>373</b>	GSE24634_NAIVE_CD4_TCELL_VS_DAY10_IL4_CONV_TREG_DN	0.396	1.65	0.0165
<b>374</b>	GSE19888_CTRL_VS_T_CELL_MEMBRANES_ACT_MAST_CELL_UP	0.352	1.56	0.0165
<b>375</b>	GSE9316_IL6_KO_VS_IFNG_KO_INVIVO_EXPANDED_CD4_TCELL_UP	-0.334	-1.54	0.0165
<b>376</b>	GSE31082_DN_VS_CD8_SP_THYMOCYTE_UP	0.382	1.59	0.0166
<b>377</b>	GSE30083_SP2_VS_SP3_THYMOCYTE_DN	-0.315	-1.48	0.0166
<b>378</b>	GSE16450_CTRL_VS_IFNA_6H_STIM_MATURRE_NEURON_CELL_LINE_UP	-0.356	-1.6	0.0166
<b>379</b>	GSE27786_CD4_TCELL_VS_ERYTHROBLAST_UP	0.3	1.47	0.0167
<b>380</b>	GSE20198_IL12_VS_IL12_IL18_TREATED_ACT_CD4_TCELL_UP	0.365	1.59	0.0169
<b>381</b>	GSE23321_EFFECTOR_MEMORY_VS_NAIVE_CD8_TCELL_DN	0.416	1.65	0.017
<b>382</b>	GSE21379_WT_VS_SAP_KO_TFH_CD4_TCELL_UP	-0.427	-1.74	0.017
<b>383</b>	GSE4811_CLASSICALLY_ACTIVATED_VS_TYPE_2_ACTIVATED_MACROPHAGE_DN	-0.317	-1.43	0.0171
<b>384</b>	GSE28783_CTRL_ANTI_MIR_VS_UNTREATED_ATHEROSCLEROSIS_MACROPHAGE_DN	-0.341	-1.53	0.0171

<b>385</b>	GSE34006_UNTREATED_VS_A2AR_AGONIS T_TREATED_TREG_UP	0.368	1.57	0.0172
<b>386</b>	GSE42088_UNINF_VS_LEISHMANIA_INF_DC _24H_DN	0.34	1.49	0.0172
<b>387</b>	GSE19941_UNSTIM_VS_LPS_AND_IL10_STI M_IL10_KO_NFKBP50_KO_MACROPHAGE_ UP	-0.302	-1.41	0.0172
<b>388</b>	GSE40666_STAT1_KO_VS_STAT4_KO_CD8_ TCELL_WITH_IFNA_STIM_90MIN_DN	-0.379	-1.64	0.0172
<b>389</b>	GSE3982_MEMORY_CD4_TCELL_VS_TH2_ DN	0.461	1.74	0.0173
<b>390</b>	GSE37532_VISCERAL_ADIPOSE_TISSUE_V S_LN_DERIVED_TREG_CD4_TCELL_UP	0.34	1.5	0.0173
<b>391</b>	GSE13522_CTRL_VS_T_CRUZI_Y_STRAIN_I NF_SKIN_BALBC_MOUSE_DN	-0.386	-1.57	0.0174
<b>392</b>	GSE16450_IMMATURE_VS_MATURE_NEUR ON_CELL_LINE_12H_IFNA_STIM_UP	-0.412	-1.66	0.0174
<b>393</b>	GSE25123_CTRL_VS_ROSIGLITAZONE_STI M_MACROPHAGE_DN	0.359	1.55	0.0177
<b>394</b>	GSE19941_LPS_VS_LPS_AND_IL10_STIM_IL 10_KO_NFKBP50_KO_MACROPHAGE_DN	-0.335	-1.5	0.0177
<b>395</b>	GSE15624_CTRL_VS_6H_HALOFUGINONE_ TREATED_CD4_TCELL_UP	-0.323	-1.48	0.0178
<b>396</b>	GSE17974_IL4_AND_ANTI_IL12_VS_UNTRE ATED_2H_ACT_CD4_TCELL_DN	-0.386	-1.64	0.0178
<b>397</b>	GSE24634_TREG_VS_TCONV_POST_DAY5_ IL4_CONVERSION_UP	0.5	1.79	0.0179
<b>398</b>	KAECH_DAY8_EFF_VS_DAY15_EFF_CD8_T CELL_DN	-0.313	-1.48	0.0179
<b>399</b>	GSE21380_TFH_VS_GERMINAL_CENTER_T FH_CD4_TCELL_UP	-0.355	-1.55	0.0179
<b>400</b>	GSE19772_CTRL_VS_HCMV_INF_MONOCY TES_AND_PI3K_INHIBITION_UP	0.334	1.52	0.018
<b>401</b>	GSE11864_CSF1_VS_CSF1_PAM3CYS_IN_M AC_DN	0.314	1.47	0.018
<b>402</b>	GSE17974_CTRL_VS_ACT_IL4_AND_ANTI_I L12_24H_CD4_TCELL_DN	0.492	1.74	0.0182
<b>403</b>	GSE557_WT_VS_I_AB_KO_DC_DN	0.33	1.48	0.0182
<b>404</b>	GSE21379_TFH_VS_NON_TFH_SAP_KO_CD 4_TCELL_UP	0.316	1.44	0.0182
<b>405</b>	GSE3982_EOSINOPHIL_VS_TH1_DN	0.418	1.64	0.0184

<b>406</b>	GSE6092_B_BURGDOPERI_VS_B_BURGDOPERI_AND_IFNG_STIM_ENDOTHELIAL_CELL_UP	-0.322	-1.53	0.0184
<b>407</b>	GSE23114_PERITONEAL_CAVITY_B1A_BCELL_VS_SPLEEN_BCELL_DN	0.38	1.63	0.0186
<b>408</b>	GSE40274_SATB1_VS_FOXP3_AND_SATB1_TRANSDUCED_ACTIVATED_CD4_TCELL_UP	-0.304	-1.44	0.0187
<b>409</b>	GSE4590_SMALL_VS_LARGE_PRE_BCELL_DN	-0.358	-1.52	0.0189
<b>410</b>	GSE12198_CTRL_VS_HIGH_IL2_STIM_NK_CELL_UP	-0.278	-1.41	0.019
<b>411</b>	GSE28237_EARLY_VS_LATE_GC_BCELL_DN	-0.315	-1.47	0.019
<b>412</b>	GSE3982_MAST_CELL_VS_EFF_MEMORY_CD4_TCELL_DN	-0.386	-1.64	0.019
<b>413</b>	GSE35685_CD34POS_CD38NEG_VS_CD34POS_CD10POS_BONE_MARROW_UP	-0.296	-1.42	0.0191
<b>414</b>	GSE2770_IL4_ACT_VS_ACT_CD4_TCELL_6H_UP	-0.404	-1.66	0.0191
<b>415</b>	GSE22886_NEUTROPHIL_VS_DC_DN	0.42	1.72	0.0193
<b>416</b>	GSE18203_CTRL_VS_INTRATUMORAL_CPG_INJ_MC38_TUMOR_UP	-0.36	-1.56	0.0193
<b>417</b>	GSE3982_MEMORY_CD4_TCELL_VS_TH1_DN	0.459	1.72	0.0194
<b>418</b>	GSE1460_CD4_THYMOCYTE_VS_NAIVE_CD4_TCELL_ADULT_BLOOD_DN	-0.367	-1.59	0.0194
<b>419</b>	GSE16450_IMMATURE_VS_MATURE_NEURON_CELL_LINE_UP	-0.475	-1.74	0.0194
<b>420</b>	GSE16266_CTRL_VS_HEATSHOCK_AND_LPS_STIM_MEF_UP	0.385	1.59	0.0195
<b>421</b>	GSE360_CTRL_VS_L_DONOVANI_DC_UP	-0.334	-1.56	0.0195
<b>422</b>	GSE16385_UNTREATED_VS_12H_ROSIGLITAZONE_IFNG_TNF_TREATED_MACROPHAGE_UP	-0.338	-1.56	0.0195
<b>423</b>	GSE27670_CTRL_VS_LMP1_TRANSDUCED_GC_BCELL_DN	-0.341	-1.57	0.0197
<b>424</b>	GSE24492_LYVE_NEG_VS_POS_MACROPHAGE_DN	-0.3	-1.44	0.0198
<b>425</b>	GSE10422_WT_VS_BAFF_TRANSGENIC_LN_BCELL_DN	-0.319	-1.41	0.0201

<b>426</b>	GSE43863_NAIVE_VS_LY6C_INT_CXCR5POS_CD4_EFF_TCELL_D6_LCMV_UP	0.431	1.63	0.0202
<b>427</b>	GSE17721_LPS_VS_GARDIQUIMOD_24H_BMDM_UP	-0.319	-1.5	0.0202
<b>428</b>	GSE22140_HEALTHY_VS_ARTHRITIC_MOUSE_CD4_TCELL_DN	-0.341	-1.54	0.0202
<b>429</b>	GSE23925_LIGHT_ZONE_VS_NAIVE_BCELL_UP	-0.418	-1.66	0.0202
<b>430</b>	GSE39110_UNTREATED_VS_IL2_TREATED_CD8_TCELL_DAY3_POST_IMMUNIZATION_UP	-0.328	-1.51	0.0203
<b>431</b>	GSE7509_UNSTIM_VS_TNFA_IL1B_IL6_PGE_STIM_DC_UP	0.344	1.49	0.0204
<b>432</b>	GSE1460_INTRATHYMIC_T_PROGENITOR_VS_DP_THYMOCYTE_DN	-0.378	-1.59	0.0204
<b>433</b>	GSE29949_DC_BRAIN_VS_MONOCYTE_BONE_MARROW_DN	-0.312	-1.47	0.0206
<b>434</b>	GSE41978_KLRG1_HIGH_VS_LOW_EFFECTOR_CD8_TCELL_UP	-0.322	-1.5	0.0206
<b>435</b>	GSE2706_UNSTIM_VS_8H_R848_DC_UP	-0.382	-1.6	0.0206
<b>436</b>	GSE22935_UNSTIM_VS_24H_MBOVIS_BCG_STIM_MYD88_KO_MACROPHAGE_DN	-0.356	-1.57	0.0207
<b>437</b>	GSE2770_UNTREATED_VS_TGFB_AND_IL12_TREATED_ACT_CD4_TCELL_2H_UP	-0.299	-1.42	0.0208
<b>438</b>	GSE22886_NAIVE_VS_IGM_MEMORY_BCELL_UP	-0.3	-1.43	0.0208
<b>439</b>	GSE25677_R848_VS_MPL_AND_R848_STIM_BCELL_UP	-0.317	-1.42	0.0209
<b>440</b>	GSE3982_MAC_VS_NEUTROPHIL_DN	-0.345	-1.5	0.0212
<b>441</b>	GSE20727_DNFB_ALLERGEN_VS_ROS_INH_AND_DNFB_ALLERGEN_TREATED_DC_UP	-0.331	-1.5	0.0213
<b>442</b>	GSE3982_MEMORY_CD4_TCELL_VS_TH1_UP	-0.358	-1.58	0.0213
<b>443</b>	GSE22935_WT_VS_MYD88_KO_MACROPHAGE_DN	-0.353	-1.55	0.0215
<b>444</b>	GSE360_T_GONDII_VS_B_MALAYI_HIGH_DOSE_MAC_DN	-0.417	-1.7	0.0215
<b>445</b>	GSE18791_CTRL_VS_NEWCASTLE_VIRUS_DC_12H_UP	0.403	1.68	0.0216
<b>446</b>	GSE22886_NAIVE_CD4_TCELL_VS_48H_ACT_TH1_DN	0.49	1.77	0.0218

<b>447</b>	GSE5589_IL6_KO_VS_IL10_KO_LPS_STIM_MACROPHAGE_180MIN_DN	-0.288	-1.36	0.0218
<b>448</b>	GSE27786_LIN_NEG_VS_CD8_TCELL_UP	0.318	1.48	0.0219
<b>449</b>	GSE6269_HEALTHY_VS_FLU_INF_PBMCP	-0.43	-1.67	0.022
<b>450</b>	GSE45365_NK_CELL_VS_BCELL_DN	-0.308	-1.41	0.0221
<b>451</b>	GSE15930_NAIVE_VS_72H_IN_VITRO_STIM_IFNAB_CD8_TCELL_UP	-0.287	-1.39	0.0222
<b>452</b>	GSE36078_WT_VS_IL1R_KO_LUNG_DC_AFTER_AD5_INF_UP	-0.407	-1.66	0.0223
<b>453</b>	GSE12845_IGD_POS_VS_NEG_BLOOD_BCELL_DN	0.419	1.69	0.0224
<b>454</b>	GSE39916_B_CELL_SPLEEN_VS_PLASMA_CELL_BONE_MARROW_UP	-0.324	-1.46	0.0224
<b>455</b>	GSE12507_PDC_CELL_LINE_VS_IMMATURE_T_CELL_LINE_UP	0.437	1.64	0.0225
<b>456</b>	GSE411_100MIN_VS_400MIN_IL6_STIM_SOCS3_KO_MACROPHAGE_UP	0.331	1.5	0.0225
<b>457</b>	GSE10463_CD40L_AND_VA347_VS_CD40LIN_DC_DN	-0.332	-1.44	0.0225
<b>458</b>	GSE5679_PPARG_LIGAND_ROSIGLITAZONE_VS_RARA_AAGONIST_AM580_TREATED_DC_DN	-0.351	-1.55	0.0225
<b>459</b>	GSE19198_1H_VS_24H_IL21_TREATED_TCELL_UP	-0.42	-1.69	0.0225
<b>460</b>	GSE14000_UNSTIM_VS_4H_LPS_DC_TRANSLATED_RNA_UP	0.366	1.59	0.0226
<b>461</b>	GSE17721_POLYIC_VS_CPG_12H_BMDM_DN	0.335	1.49	0.0226
<b>462</b>	GSE10239_MEMORY_VS_DAY4.5_EFF_CD8_TCELL_UP	-0.413	-1.61	0.0226
<b>463</b>	GSE45739_UNSTIM_VS_ACD3_ACD28_STIM_NRAS_KO_CD4_TCELL_UP	-0.374	-1.63	0.0228
<b>464</b>	GSE3982_MAST_CELL_VS_NEUTROPHIL_DN	-0.359	-1.55	0.023
<b>465</b>	GSE16385_ROSIGLITAZONE_IFNG_TNF_VS_IL4_STIM_MACROPHAGE_UP	-0.377	-1.59	0.023
<b>466</b>	GSE34205_HEALTHY_VS_RSV_INF_INFANT_PBMCP	-0.406	-1.65	0.023
<b>467</b>	GSE7509_FCGR1IB_VS_TNFA_IL1B_IL6_PGE2_STIM_DC_UP	0.386	1.61	0.0231

<b>468</b>	GSE15930_STIM_VS_STIM_AND_IFNAB_72H_CD8_T_CELL_DN	0.34	1.55	0.0231
<b>469</b>	GSE32533_WT_VS_MIR17_OVEREXPRESS_ACT_CD4_TCELL_UP	0.353	1.52	0.0231
<b>470</b>	GSE26495_PD1HIGH_VS_PD1LOW_CD8_TCELL_UP	-0.382	-1.62	0.0231
<b>471</b>	GSE17721_PAM3CSK4_VS_GADIQUIMOD_1H_BMDM_UP	-0.343	-1.52	0.0232
<b>472</b>	GSE37534_PIOGLITAZONE_VS_ROSIGLITAZONE_TREATED_CD4_TCELL_PPARG1_FOX_P3_TRANSDUCED_UP	0.315	1.44	0.0233
<b>473</b>	GSE17721_POLYIC_VS_GARDIQUIMOD_24H_BMDM_UP	-0.294	-1.42	0.0233
<b>474</b>	GSE36476_CTRL_VS_TSST_ACT_40H_MEMORY_CD4_TCELL_OLD_UP	-0.364	-1.5	0.0233
<b>475</b>	GSE22589_HEALTHY_VS_HIV_INFECTED_DC_UP	0.352	1.55	0.0234
<b>476</b>	GSE17301_CTRL_VS_48H_ACD3_ACD28_STIM_CD8_TCELL_UP	-0.325	-1.48	0.0234
<b>477</b>	GSE17974_0H_VS_6H_IN_VITRO_ACT_CD4_TCELL_DN	0.408	1.6	0.0235
<b>478</b>	GSE22611_UNSTIM_VS_6H_MDP_STIM_MUTANT_NOD2_TRANSDUCED_HEK293T_CELL_DN	-0.299	-1.45	0.0236
<b>479</b>	GSE45365_WT_VS_IFNAR_KO_CD11B_DC_DN	0.39	1.56	0.0238
<b>480</b>	GSE3039_ALPHABETA_CD8_TCELL_VS_B2_BCELL_DN	0.314	1.45	0.0238
<b>481</b>	GSE27786_CD4_TCELL_VS_MONO_MAC_UP	0.323	1.5	0.0239
<b>482</b>	GSE6092_IFNG_VS_IFNG_AND_B_BURGDORFERI_INF_ENDOTHELIAL_CELL_UP	-0.365	-1.59	0.0239
<b>483</b>	GSE27786_LIN_NEG_VS_NKCELL_DN	-0.288	-1.41	0.0241
<b>484</b>	GSE14413_UNSTIM_VS_IFNB_STIM_NIH3T3_CELLS_DN	0.389	1.57	0.0244
<b>485</b>	GSE25502_WT_VS_KLF13_KO_THYMIC_MEMORY_LIKE_CD8_TCELL_DN	-0.316	-1.41	0.0245
<b>486</b>	GSE7460_CTRL_VS_TGFB_TREATED_ACT_TREG_UP	0.414	1.66	0.0246
<b>487</b>	GSE37534_UNTREATED_VS_ROSIGLITAZONE_TREATED_CD4_TCELL_PPARG1_AND_FOX_P3_TRANSDUCED_UP	-0.296	-1.4	0.0247

<b>488</b>	GSE12845_IGD_POS_BLOOD_VS_NAIVE_T ONSIL_BCELL_UP	-0.297	-1.43	0.0247
<b>489</b>	GSE43955_1H_VS_10H_ACT_CD4_TCELL_ WITH_TGFB_IL6_UP	-0.314	-1.45	0.0247
<b>490</b>	GSE24142_ADULT_VS_FETAL_EARLY_THY MIC_PROGENITOR_UP	-0.323	-1.47	0.0249
<b>491</b>	GSE18791_CTRL_VS_NEWCASTLE_VIRUS_ DC_4H_UP	0.39	1.59	0.025
<b>492</b>	GSE29949_CD8_NEG_DC_SPLEEN_VS_CD8 _POS_DC_SPLEEN_UP	-0.32	-1.49	0.025
<b>493</b>	GSE1460_NAIVE_CD4_TCELL_ADULT_BLO OD_VS_THYMIC_STROMAL_CELL_UP	-0.347	-1.54	0.025
<b>494</b>	GSE2770_IL12_AND_TGFB_ACT_VS_ACT_C D4_TCELL_6H_UP	-0.373	-1.61	0.0251
<b>495</b>	GSE7568_CTRL_VS_24H_TGFB_TREATED_ MACROPHAGES_WITH_IL4_AND_DEXAMET HASONE_DN	-0.315	-1.42	0.0252
<b>496</b>	GSE23568_CTRL_TRANSDUCECD_VS_WT_C D8_TCELL_DN	-0.491	-1.73	0.0252
<b>497</b>	GSE2197_IMMUNOSUPPRESSIVE_DNA_VS _UNTREATEDIN_DC_DN	0.289	1.39	0.0253
<b>498</b>	GSE360_HIGH_VS_LOW_DOSE_B_MALAYI_ DC_UP	0.282	1.38	0.0256
<b>499</b>	GSE46242_CTRL_VS_EGR2_DELETED_ANE RGIC_TH1_CD4_TCELL_UP	-0.345	-1.48	0.0256
<b>500</b>	GSE22886_CD4_TCELL_VS_BCELL_NAIVE_ UP	-0.469	-1.71	0.0257
<b>501</b>	GSE17721_POLYIC_VS_GARDIQUIMOD_4H_ BMDM_DN	0.286	1.41	0.0258
<b>502</b>	GSE14413_UNSTIM_VS_IFNB_STIM_NIH3T3 _CELLS_UP	-0.313	-1.43	0.0258
<b>503</b>	GSE14308_TH2_VS_NAIVE_CD4_TCELL_UP	0.296	1.41	0.0259
<b>504</b>	GSE360_CTRL_VS_L_MAJOR_DC_UP	-0.286	-1.42	0.0259
<b>505</b>	GSE2706_2H_VS_8H_LPS_STIM_DC_UP	-0.318	-1.43	0.0259
<b>506</b>	GSE23114_WT_VS_SLE2C1_MOUSE_PERIT ONEAL_CAVITY_B1A_BCELL_DN	-0.307	-1.44	0.0259
<b>507</b>	GSE22432_MULTIPOTENT_VS_COMMON_D C_PROGENITOR_UNTREATED_UP	0.447	1.68	0.026
<b>508</b>	GSE41867_DAY8_EFFECTOR_VS_DAY30_M EMORY_CD8_TCELL_LCMV_ARMSTRONG_ UP	0.388	1.57	0.026



<b>509</b>	GSE13411_NAIVE_BCELL_VS_PLASMA_CELL_UP	-0.376	-1.57	0.026
<b>510</b>	GSE32986_UNSTIM_VS_CURDLAN_HIGHDOSE_STIM_DC_DN	-0.411	-1.65	0.026
<b>511</b>	GSE21360_TERTIARY_VS_QUATERNARY_MEMORY_CD8_TCELL_UP	-0.397	-1.67	0.026
<b>512</b>	GSE16450_IMMATURE_VS_MATURE_NEURON_CELL_LINE_6H_IFNA_STIM_DN	-0.329	-1.44	0.0261
<b>513</b>	GSE30083_SP2_VS_SP3_THYMOCYTE_UP	-0.271	-1.33	0.0262
<b>514</b>	GSE21927_SPLEEN_C57BL6_VS_EL4_TUMOR_BALBC_MONOCYTES_DN	0.456	1.67	0.0263
<b>515</b>	GSE28783_CTRL_ANTI_MIR_VS_UNTREATED_ATHEROSCLEROSIS_MACROPHAGE_UP	-0.275	-1.37	0.0263
<b>516</b>	GSE40277_EOS_AND_LEF1_TRANSDUCEDD_VS_GATA1_AND_SATB1_TRANSDUCEDD_CD4_TCELL_UP	-0.306	-1.44	0.0264
<b>517</b>	GSE3337_4H_VS_16H_IFNG_IN_CD8POS_DC_DN	-0.414	-1.64	0.0264
<b>518</b>	GSE40443_INDUCED_VS_TOTAL_TREG_UP	-0.28	-1.39	0.0265
<b>519</b>	GSE32986_UNSTIM_VS_GMCSF_AND_CURDLAN_LOWDOSE_STIM_DC_UP	0.396	1.64	0.0266
<b>520</b>	GOLDRATH_NAIVE_VS_EFF_CD8_TCELL_UP	-0.325	-1.49	0.0266
<b>521</b>	GSE3565_CTRL_VS_LPS_INJECTED_SPLENOCYTES_DN	-0.358	-1.53	0.0267
<b>522</b>	GSE17974_0H_VS_48H_IN_VITRO_ACT_CD4_TCELL_DN	0.431	1.66	0.0268
<b>523</b>	GSE19888_ADENOSINE_A3R_INH_VS_ACT_WITH_INHIBITOR_PRETREATMENT_IN_MAST_CELL_DN	-0.346	-1.46	0.0268
<b>524</b>	GSE18791_UNSTIM_VS_NEWCATSLE_VIRUS_DC_18H_UP	0.319	1.48	0.0269
<b>525</b>	GSE15735_CTRL_VS_HDAC_INHIBITOR_TREATED_CD4_TCELL_2H_UP	-0.37	-1.6	0.0269
<b>526</b>	GSE17721_POLYIC_VS_GARDIQUIMOD_0.5H_BMDM_UP	-0.288	-1.38	0.027
<b>527</b>	GSE40666_STAT1_KO_VS_STAT4_KO_CD8_TCELL_DN	-0.312	-1.44	0.027
<b>528</b>	GSE5542_IFNG_VS_IFNA_TREATED_EPITHELIAL_CELLS_24H_DN	-0.323	-1.45	0.027

<b>529</b>	GSE40274_CTRL_VS_FOXP3_AND_SATB1_TRANSDUCED_ACTIVATED_CD4_TCELL_DN	-0.332	-1.49	0.027
<b>530</b>	GSE32901_NAIVE_VS_TH17_ENRICHED_CD4_TCELL_UP	-0.364	-1.54	0.027
<b>531</b>	GSE369_SOCS3_KO_VS_WT_LIVER_UP	0.427	1.63	0.0272
<b>532</b>	GSE17186_NAIVE_VS_CD21LOW_TRANSITIONAL_BCELL_DN	-0.329	-1.51	0.0272
<b>533</b>	GSE40274_CTRL_VS_SATB1_TRANSDUCED_ACTIVATED_CD4_TCELL_UP	-0.353	-1.54	0.0273
<b>534</b>	GSE3982_MAC_VS_NEUTROPHIL_LPS_STIM_DN	-0.278	-1.33	0.0274
<b>535</b>	GSE10211_UV_INACT_SENDAI_VS_LIVE_SENDAI_VIRUS_TRACHEAL_EPITHELIAL_CELLS_DN	-0.31	-1.42	0.0274
<b>536</b>	GSE23114_PERITONEAL_CAVITY_B1A_BCELL_VS_SPLEEN_BCELL_UP	-0.309	-1.41	0.0275
<b>537</b>	GSE34205_HEALTHY_VS_FLU_INF_INFANT_PBMC_UP	-0.427	-1.69	0.0275
<b>538</b>	GSE2770_IL12_VS_IL4_TREATED_ACT_CD4_TCELL_48H_UP	0.375	1.6	0.0277
<b>539</b>	GSE27786_BCELL_VS_NEUTROPHIL_UP	0.326	1.47	0.0277
<b>540</b>	GSE16266_CTRL_VS_LPS_STIM_MEF_DN	-0.361	-1.56	0.0277
<b>541</b>	GSE16450_CTRL_VS_IFNA_6H_STIM_MATURE_NEURON_CELL_LINE_DN	-0.305	-1.41	0.0278
<b>542</b>	GSE17974_CTRL_VS_ACT_IL4_AND_ANTI_IL12_4H_CD4_TCELL_DN	0.368	1.55	0.0279
<b>543</b>	GSE45365_CTRL_VS_MCMV_INFECTION_NK_CELL_DN	0.446	1.76	0.028
<b>544</b>	GSE2770_IL12_AND_TGFB_ACT_VS_ACT_CD4_TCELL_2H_UP	0.321	1.45	0.028
<b>545</b>	GSE28726_NAIVE_VS_ACTIVATED_NKTCELL_UP	-0.363	-1.53	0.028
<b>546</b>	GSE6674_ANTI_IGM_VS_PL2_3_STIM_BCELL_DN	0.398	1.59	0.0282
<b>547</b>	GSE28737_WT_VS_BCL6_KO_MARGINAL_ZONE_BCELL_DN	0.423	1.56	0.0282
<b>548</b>	GSE11961_MARGINAL_ZONE_BCELL_VS_MEMORY_BCELL_DAY40_UP	-0.29	-1.39	0.0282
<b>549</b>	GSE23568_CTRL_VS_ID3_TRANSDUCED_CD8_TCELL_UP	-0.396	-1.58	0.0283

<b>550</b>	GSE20366_CD103_KLRG1_DP_VS_DN_TRE G_UP	-0.256	-1.32	0.0284
<b>551</b>	GSE15330_WT_VS_IKAROS_KO_MEGAKAR YOCYTE_ERYTHROID_PROGENITOR_DN	-0.284	-1.39	0.0284
<b>552</b>	GSE29618_PRE_VS_DAY7_FLU_VACCINE_B CELL_UP	-0.316	-1.47	0.0284
<b>553</b>	GSE16385_ROSIGLITAZONE_IL4_VS_ROSIG LITAZONE_ALONE_STIM_MACROPHAGE_D N	0.349	1.52	0.0285
<b>554</b>	GSE43863_DAY6_EFF_VS_DAY150_MEM_TF H_CD4_TCELL_DN	-0.348	-1.51	0.0285
<b>555</b>	GSE21670_UNTREATED_VS_TGFB_TREATE D_CD4_TCELL_DN	-0.328	-1.45	0.0287
<b>556</b>	GSE6875_TCONV_VS_FOXP3_KO_TREG_U P	-0.313	-1.48	0.0287
<b>557</b>	GSE4984_UNTREATED_VS_LPS_TREATED_ DC_DN	0.318	1.43	0.0288
<b>558</b>	GSE2405_0H_VS_12H_A_PHAGOCYTOPHIL UM_STIM_NEUTROPHIL_UP	-0.469	-1.68	0.0288
<b>559</b>	GSE22886_CD8_VS_CD4_NAIVE_TCELL_UP	0.385	1.57	0.0289
<b>560</b>	GSE14308_TH2_VS_TH17_UP	0.32	1.45	0.0289
<b>561</b>	GSE15930_NAIVE_VS_24H_IN_VITRO_STIM _IL12_CD8_TCELL_UP	-0.29	-1.4	0.029
<b>562</b>	GSE37301_HEMATOPOIETIC_STEM_CELL_ VS_CD4_TCELL_DN	-0.323	-1.44	0.029
<b>563</b>	GSE360_HIGH_DOSE_B_MALAYI_VS_M_TU BERCULOSIS_MAC_UP	-0.372	-1.58	0.029
<b>564</b>	GSE5679_RARA_AAGONIST_AM580_VS_AM5 80_AND_ROSIGLITAZONE_TREATED_DC_D N	-0.407	-1.64	0.029
<b>565</b>	GSE18791_CTRL_VS_NEWCASTLE_VIRUS_ DC_16H_UP	0.345	1.51	0.0291
<b>566</b>	GSE17721_CTRL_VS_GARDIQUIMOD_24H_ BMDM_DN	0.335	1.51	0.0291
<b>567</b>	GSE8621_LPS_PRIMED_UNSTIM_VS_LPS_P RIMED_AND_LPS_STIM_MACROPHAGE_DN	0.36	1.5	0.0291
<b>568</b>	GSE4984_UNTREATED_VS_VEHICLE_CTRL _TREATED_DC_UP	-0.317	-1.44	0.0291
<b>569</b>	GSE1432_CTRL_VS_IFNG_24H_MICROGLIA _UP	-0.316	-1.45	0.0291

<b>570</b>	GSE21360_SECONDARY_VS_TERTIARY_MEMORY_CD8_TCELL_DN	-0.373	-1.55	0.0292
<b>571</b>	GSE2770_UNTREATED_VS_IL4_TREATED_ACT_CD4_TCELL_2H_DN	0.374	1.54	0.0293
<b>572</b>	GSE36476_YOUNG_VS_OLD_DONOR_MEMORY_CD4_TCELL_40H_TSST_ACT_UP	-0.294	-1.37	0.0293
<b>573</b>	GSE41867_NAIVE_VS_EFFECTOR_CD8_TCELL_UP	0.366	1.56	0.0294
<b>574</b>	GSE17721_CTRL_VS_POLYIC_4H_BMDM_UP	0.316	1.45	0.0294
<b>575</b>	GSE12505_WT_VS_E2-2_HET_PDC_UP	-0.316	-1.42	0.0294
<b>576</b>	GSE43955_TH0_VS_TGFB_IL6_TH17_ACT_CD4_TCELL_52H_DN	-0.287	-1.4	0.0295
<b>577</b>	GSE36476_CTRL_VS_TSST_ACT_72H_MEMORY_CD4_TCELL_OLD_UP	-0.357	-1.49	0.0295
<b>578</b>	GSE20715_0H_VS_48H_OZONE_LUNG_DN	0.383	1.58	0.0297
<b>579</b>	GSE41867_DAY15_EFFECTOR_VS_DAY30_EXHAUSTED_CD8_TCELL_LCMV_CLONE13_DN	0.396	1.56	0.0298
<b>580</b>	GSE22886_IGA_VS_IGM_MEMORY_BCELL_DN	-0.316	-1.48	0.0298
<b>581</b>	GSE15750_DAY6_VS_DAY10_TRAF6KO_EFFECTOR_CD8_TCELL_DN	-0.346	-1.56	0.0298
<b>582</b>	GSE19888_ADENOSINE_A3R_INH_VS_ACT_IN_MAST_CELL_DN	-0.384	-1.6	0.0299
<b>583</b>	GSE15324_NAIVE_VS_ACTIVATED_ELF4_KO_CD8_TCELL_DN	0.312	1.44	0.03
<b>584</b>	GSE360_CTRL_VS_T_GONDII_MAC_UP	-0.335	-1.5	0.0301
<b>585</b>	GSE3982_NKCELL_VS_TH1_DN	0.416	1.66	0.0302
<b>586</b>	GSE15930_NAIVE_VS_48H_IN_VITRO_STIM_IL12_CD8_TCELL_DN	0.444	1.64	0.0302
<b>587</b>	GSE37301_RAG2_KO_VS_RAG2_AND_ETS1_KO_NK_CELL_DN	0.297	1.38	0.0302
<b>588</b>	GSE13306_TREG_VS_TCONV_LAMINA_PROPRIA_UP	-0.283	-1.38	0.0302
<b>589</b>	GSE27241_CTRL_VS_DIGOXIN_TREATED_CD4_TCELL_IN_TH17_POLARIZING_CONDITIONS_UP	-0.42	-1.66	0.0302
<b>590</b>	GSE46606_IRF4_KO_VS_WT_UNSTIM_BCELL_UP	-0.301	-1.42	0.0303
<b>591</b>	GSE3565_DUSP1_VS_WT_SPLENOCYTES_DN	-0.383	-1.62	0.0303

<b>592</b>	GSE17721_POLYIC_VS_PAM3CSK4_6H_BM DM_DN	0.33	1.49	0.0304
<b>593</b>	GSE43863_NAIVE_VS_LY6C_LOW_CXCR5N EG_CD4_EFF_TCELL_D6_LCMV_UP	-0.322	-1.45	0.0304
<b>594</b>	GSE17974_IL4_AND_ANTI_IL12_VS_UNTRE ATED_4H_ACT_CD4_TCELL_UP	-0.323	-1.46	0.0304
<b>595</b>	GSE29617_CTRL_VS_DAY3_TIV_FLU_VACCI NE_PBMC_2008_DN	0.417	1.6	0.0305
<b>596</b>	GSE13411_PLASMA_CELL_VS_MEMORY_B CELL_DN	-0.44	-1.68	0.0306
<b>597</b>	GSE41867_NAIVE_VS_DAY15_LCMV_ARMS TRONG_EFFECTOR_CD8_TCELL_UP	0.323	1.46	0.0308
<b>598</b>	GSE21380_NON_TFH_VS_TFH_CD4_TCELL UP	-0.398	-1.62	0.0308
<b>599</b>	GSE17721_0.5H_VS_24H_GARDIQUIMOD_B MDM_DN	0.325	1.46	0.0309
<b>600</b>	GSE10147_IL3_VS_IL3_AND_HIVP17_STIM_ PDC_DN	-0.35	-1.5	0.0309
<b>601</b>	GSE9946_MATURE_STIMULATORY_VS_PR OSTAGLANDINE2_TREATED_MATURE_DC_ DN	-0.313	-1.37	0.0314
<b>602</b>	GSE15750_DAY6_VS_DAY10_EFF_CD8_TCE LL_DN	-0.332	-1.5	0.0315
<b>603</b>	GSE17974_0H_VS_48H_IN_VITRO_ACT_CD 4_TCELL_UP	-0.354	-1.51	0.0318
<b>604</b>	GSE17721_CTRL_VS_PAM3CSK4_24H_BMD M_DN	0.329	1.47	0.0319
<b>605</b>	GSE37605_C57BL6_VS_NOD_FOXP3_FUSIO N_GFP_TREG_DN	-0.373	-1.57	0.0319
<b>606</b>	GSE17974_0H_VS_1H_IN_VITRO_ACT_CD4 _TCELL_UP	-0.404	-1.56	0.032
<b>607</b>	GSE22886_UNSTIM_VS_IL2_STIM_NKCELL_ DN	0.481	1.66	0.0321
<b>608</b>	GSE15930_NAIVE_VS_24H_IN_VITRO_STIM _INFAB_CD8_TCELL_DN	0.444	1.62	0.0321
<b>609</b>	GSE18791_CTRL_VS_NEWCASTLE_VIRUS_ DC_6H_UP	0.374	1.52	0.0322
<b>610</b>	GSE7460_CTRL_VS_TGFB_TREATED_ACT_ FOXP3_HET_TCONV_UP	0.34	1.48	0.0322
<b>611</b>	GSE21063_WT_VS_NFATC1_KO_8H_ANTI_I GM_STIM_BCELL_DN	-0.323	-1.48	0.0322

<b>612</b>	GSE30962_PRIMARY_VS_SECONDARY_CHRONIC_LCMV_INF_CD8_TCELL_DN	-0.364	-1.56	0.0322
<b>613</b>	GSE22886_NAIVE_CD4_TCELL_VS_DC_UP	-0.447	-1.71	0.0322
<b>614</b>	GSE25087_TREG_VS_TCONV_FETUS_DN	-0.269	-1.33	0.0323
<b>615</b>	GSE40274_EOS_VS_FOXP3_AND_EOS_TRANSDUCED_ACTIVATED_CD4_TCELL_UP	0.292	1.4	0.0324
<b>616</b>	GSE20715_0H_VS_24H_OZONE_TLR4_KO_LUNG_UP	-0.329	-1.46	0.0327
<b>617</b>	GSE8621_UNSTIM_VS_LPS_PRIMED_UNSTIM_MACROPHAGE_DN	0.302	1.41	0.0328
<b>618</b>	GSE10239_NAIVE_VS_DAY4.5_EFF_CD8_TCELL_DN	0.456	1.67	0.0329
<b>619</b>	GSE11961_FOLLICULAR_BCELL_VS_GERMINAL_CENTER_BCELL_DAY40_UP	-0.282	-1.38	0.0329
<b>620</b>	GSE40274_CTRL_VS_SATB1_TRANSDUCED_ACTIVATED_CD4_TCELL_DN	0.353	1.53	0.033
<b>621</b>	GSE28726_ACT_CD4_TCELL_VS_ACT_NKTCELL_UP	0.352	1.52	0.033
<b>622</b>	GSE2770_TGFB_AND_IL4_VS_IL12_TREATED_ACT_CD4_TCELL_2H_DN	-0.324	-1.47	0.033
<b>623</b>	GSE24142_DN2_VS_DN3_THYMOCYTE_FETAL_DN	-0.32	-1.48	0.033
<b>624</b>	GSE17721_CTRL_VS_POLYIC_1H_BMDM_DN	-0.258	-1.3	0.0331
<b>625</b>	GSE11924_TFH_VS_TH2_CD4_TCELL_UP	-0.332	-1.48	0.0331
<b>626</b>	GSE22432_MULTIPOTENT_PROGENITOR_VS_PDC_DN	0.362	1.51	0.0332
<b>627</b>	GSE10147_IL3_VS_IL3_AND_CPG_STIM_PDC_DN	0.302	1.42	0.0332
<b>628</b>	GSE27859_DC_VS_CD11C_INT_F480_INT_DC_UP	-0.274	-1.35	0.0332
<b>629</b>	GSE2770_UNTREATED_VS_IL12_TREATED_ACT_CD4_TCELL_2H_UP	-0.272	-1.36	0.0332
<b>630</b>	GSE29617_CTRL_VS_TIV_FLU_VACCINE_PBMC_2008_DN	0.427	1.64	0.0335
<b>631</b>	GSE20715_0H_VS_24H_OZONE_LUNG_UP	-0.387	-1.59	0.0336
<b>632</b>	GSE46468_LUNG_INNATE_LYMPHOID_CELL_VS_SPLEEN_CD4_TCELL_DN	0.402	1.62	0.0337
<b>633</b>	GSE7568_IL4_VS_IL4_AND_TGFB_TREATED_MACROPHAGE_24H_DN	0.375	1.52	0.0337
<b>634</b>	GSE7831_1H_VS_4H_CPG_STIM_PDC_UP	-0.27	-1.35	0.0337

<b>635</b>	GSE25123_ROSIGLITAZONE_VS_IL4_AND_ROSIGLITAZONE_STIM_PPARG_KO_MACROPHAGE_DAY10_DN	-0.31	-1.44	0.0338
<b>636</b>	GSE2770_IL4_ACT_VS_ACT_CD4_TCELL_48H_DN	-0.311	-1.43	0.0339
<b>637</b>	GSE12003_MIR223_KO_VS_WT_BM_PROGENITOR_8D_CULTURE_UP	-0.323	-1.45	0.034
<b>638</b>	GSE15930_STIM_VS_STIM_AND_IL-12_48H_CD8_T_CELL_UP	-0.375	-1.56	0.0342
<b>639</b>	GSE15930_NAIVE_VS_24H_IN_VITRO_STIM_CD8_TCELL_DN	0.45	1.63	0.0343
<b>640</b>	GSE22342_CD11C_HIGH_VS_LOW_DECIDUAL_MACROPHAGES_DN	-0.298	-1.41	0.0343
<b>641</b>	GSE46242_TH1_VS_ANERGIC_TH1_CD4_TCELL_WITH_EGR2_DELETED_DN	-0.298	-1.41	0.0344
<b>642</b>	GSE3982_BCELL_VS_TH1_UP	-0.313	-1.45	0.0345
<b>643</b>	GSE3982_BCELL_VS_TH2_UP	-0.322	-1.45	0.0345
<b>644</b>	GSE27241_CTRL_VS_DIGOXIN_TREATED_ORGT_KO_CD4_TCELL_IN_TH17_POLARIZING_CONDITIONS_DN	-0.351	-1.54	0.0345
<b>645</b>	GSE22886_NAIVE_CD8_TCELL_VS_DC_UP	-0.473	-1.75	0.0345
<b>646</b>	GSE5455_EX_VIVO_VS_POST_24H_INCUBATION_MONOCYTES_FROM_TUMOR_BEARING_MOUSE_DN	-0.32	-1.47	0.0346
<b>647</b>	GSE14000_4H_VS_16H_LPS_DC_TRANSLATED_RNA_UP	-0.361	-1.55	0.0346
<b>648</b>	GSE14350_IL2RB_KO_VS_WT_TREG_DN	-0.32	-1.46	0.0349
<b>649</b>	GSE37532_WT_VS_PPARG_KO_VISCERAL_ADIPOSE_TISSUE_TCONV_UP	-0.347	-1.48	0.0349
<b>650</b>	GSE3982_BASOPHIL_VS_EFF_MEMORY_CD4_TCELL_DN	-0.297	-1.38	0.035
<b>651</b>	GSE22601_IMMATURE_CD4_SINGLE_POSITIVE_VS_DOUBLE_POSITIVE_THYMOCYTE_UP	-0.298	-1.37	0.0351
<b>652</b>	GSE30083_SP1_VS_SP2_THYMOCYTE_UP	-0.278	-1.34	0.0352
<b>653</b>	GSE1460_DP_VS_CD4_THYMOCYTE_DN	-0.414	-1.61	0.0352
<b>654</b>	GSE1460_INTRATHYMIC_T_PROGENITOR_VS_NAIVE_CD4_TCELL_ADULT_BLOOD_UP	0.424	1.66	0.0353
<b>655</b>	GSE11884_WT_VS_FURIN_KO_NAIVE_CD4_TCELL_UP	-0.294	-1.36	0.0353
<b>656</b>	GSE3982_EOSINOPHIL_VS_TH2_DN	0.356	1.5	0.0354

<b>657</b>	GSE41867_DAY8_EFFECTOR_VS_DAY30_EXHAUSTED_CD8_TCELL_LCMV_CLONE13_UP	0.311	1.45	0.0354
<b>658</b>	GSE27786_BCELL_VS_CD4_TCELL_DN	-0.289	-1.4	0.0354
<b>659</b>	GSE17721_12H_VS_24H_CPG_BMDM_DN	0.294	1.39	0.0355
<b>660</b>	GSE39110_DAY3_VS_DAY6_POST_IMMUNIZATION_CD8_TCELL_WITH_IL2_TREATMENT_DN	-0.299	-1.42	0.0355
<b>661</b>	GSE2770_UNTREATED_VS_IL4_TREATED_ACT_CD4_TCELL_48H_DN	0.413	1.63	0.0356
<b>662</b>	GSE24142_ADULT_VS_FETAL_EARLY_THYMIC_PROGENITOR_DN	0.355	1.5	0.0356
<b>663</b>	GSE19198_1H_VS_6H_IL21_TREATED_TCELL_UP	-0.308	-1.39	0.0356
<b>664</b>	GSE22886_IGG_IGA_MEMORY_BCELL_VS_BLOOD_PLASMA_CELL_UP	-0.359	-1.5	0.0356
<b>665</b>	GSE360_L_MAJOR_VS_B_MALAYI_HIGH_DOSE_DC_DN	-0.26	-1.31	0.0357
<b>666</b>	GSE12392_WT_VS_IFNAR_KO_CD8A_NEG_SPLEEN_DC_UP	-0.391	-1.54	0.0359
<b>667</b>	GSE16451_IMMATURE_VS_MATURE_NEURON_CELL_LINE_WEST_EQUINE_ENCVIRUS_DN	0.38	1.51	0.036
<b>668</b>	GSE5503_MLN_DC_VS_SPLEEN_DC_ACTIVATED_ALLOGENIC_TCELL_DN	0.345	1.48	0.036
<b>669</b>	GSE43955_TH0_VS_TGFB_IL6_IL23_TH17_ACT_CD4_TCELL_60H_DN	-0.289	-1.39	0.036
<b>670</b>	GSE24142_EARLY_THYMIC_PROGENITOR_VS_DN3_THYMOCYTE_FETAL_DN	-0.287	-1.39	0.0361
<b>671</b>	GSE21360_PRIMARY_VS_TERTIARY_MEMORY_CD8_TCELL_UP	-0.313	-1.44	0.0361
<b>672</b>	GSE13173_UNTREATED_VS_IL12_TREATED_ACT_CD8_TCELL_UP	-0.357	-1.48	0.0361
<b>673</b>	GSE18281_MEDULLARY_THYMOCYTE_VS_WHOLE_MEDULLA_THYMUS_UP	-0.352	-1.54	0.0362
<b>674</b>	GSE28726_NAIVE_VS_ACTIVATED_VA24NEG_NKTCELL_DN	-0.322	-1.44	0.0363
<b>675</b>	GSE17721_CPG_VS_GARDIQUIMOD_16H_BMDM_DN	0.281	1.35	0.0364
<b>676</b>	GSE7764_IL15_NK_CELL_24H_VS_SPLEENOCYTE_DN	-0.335	-1.48	0.0365



<b>677</b>	GSE6269_HEALTHY_VS_E_COLI_INF_PBM_C_UP	-0.404	-1.57	0.0365
<b>678</b>	GSE7568_IL4_TGFB_DEXAMETHASONE_VS_IL4_TGFB_TREATED_MACROPHAGE_UP	0.386	1.56	0.0367
<b>679</b>	GSE2935_UV_INACTIVATED_VS_LIVE_SENDAI_VIRUS_INF_MACROPHAGE_UP	-0.369	-1.57	0.0367
<b>680</b>	GSE3982_DC_VS_NEUTROPHIL_LPS_STIM_UP	0.338	1.5	0.0368
<b>681</b>	GSE23505_IL6_IL1_IL23_VS_IL6_IL1_TGFB_TREATED_CD4_TCELL_UP	-0.321	-1.44	0.037
<b>682</b>	GSE9988_ANTI_TREM1_VS_VEHICLE_TREATED_MONOCYTES_DN	-0.441	-1.65	0.0373
<b>683</b>	GSE5099_CLASSICAL_M1_VS_ALTERNATIVE_M2_MACROPHAGE_UP	-0.424	-1.66	0.0373
<b>684</b>	GSE36888_UNTREATED_VS_IL2_TREATED_TCELL_6H_DN	0.356	1.51	0.0375
<b>685</b>	GSE411_100MIN_VS_400MIN_IL6_STIM_MACROPHAGE_DN	0.399	1.58	0.0378
<b>686</b>	GSE46025_WT_VS_FOXO1_KO_KLRG1_LOW_CD8_EFFECTOR_TCELL_DN	0.409	1.49	0.0379
<b>687</b>	GSE11864_UNTREATED_VS_CSF1_IN_MAC_DN	0.305	1.4	0.0379
<b>688</b>	GSE17721_CPG_VS_GARDIQUIMOD_1H_BMDM_UP	-0.264	-1.31	0.0379
<b>689</b>	GSE15930_NAIVE_VS_72H_IN_VITRO_STIM_IL12_CD8_TCELL_UP	-0.268	-1.32	0.0379
<b>690</b>	GSE37301_HEMATOPOIETIC_STEM_CELL_VS_LYMPHOID_PRIMED_MPP_DN	0.315	1.44	0.038
<b>691</b>	GSE17721_LPS_VS_POLYIC_16H_BMDM_UP	0.311	1.41	0.038
<b>692</b>	GSE2770_TGFB_AND_IL4_VS_TGFB_AND_IL12_TREATED_ACT_CD4_TCELL_48H_DN	-0.336	-1.46	0.0382
<b>693</b>	GSE360_HIGH_DOSE_B_MALAYI_VS_M_TUBERCULOSIS_DC_UP	-0.328	-1.45	0.0385
<b>694</b>	GSE2770_TGFB_AND_IL4_VS_IL12_TREATED_ACT_CD4_TCELL_6H_DN	0.336	1.46	0.0387
<b>695</b>	GSE17721_PAM3CSK4_VS_GADIQUIMOD_1H_BMDM_DN	0.312	1.42	0.0387
<b>696</b>	GSE2770_UNTREATED_VS_TGFB_AND_IL4_TREATED_ACT_CD4_TCELL_4H_DN	0.305	1.38	0.0387
<b>697</b>	GSE43863_NAIVE_VS_TFH_CD4_EFFECT_TCELL_D6_LCMV_DN	-0.312	-1.37	0.0388

<b>698</b>	GSE7348_UNSTIM_VS_LPS_STIM_MACROPHAGE_UP	-0.311	-1.42	0.0388
<b>699</b>	GSE2585_THYMIC_DC_VS_THYMIC_MACROPHAGE_DN	-0.349	-1.48	0.0388
<b>700</b>	GSE6092_CTRL_VS_BORRELIA_BIRGDOFERI_INF_ENDOTHELIAL_CELL_UP	0.359	1.49	0.039
<b>701</b>	GSE3982_MAST_CELL_VS_NKCELL_UP	0.329	1.43	0.0391
<b>702</b>	GSE5589_IL6_KO_VS_IL10_KO_LPS_AND_IL10_STIM_MACROPHAGE_180MIN_DN	0.286	1.36	0.0391
<b>703</b>	GSE15930_NAIVE_VS_72H_IN_VITRO_STIM_TRICHOSTATINA_CD8_TCELL_UP	-0.274	-1.36	0.0392
<b>704</b>	GSE32986_UNSTIM_VS_CURDLAN_LOWDOSE_STIM_DC_UP	0.325	1.42	0.0393
<b>705</b>	GSE12845_PRE_GC_VS_DARKZONE_GC_TONSIL_BCELL_UP	-0.41	-1.59	0.0393
<b>706</b>	GSE5589_LPS_VS_LPS_AND_IL6_STIM_MACROPHAGE_45MIN_DN	0.322	1.43	0.0396
<b>707</b>	GSE13306_TREG_RA_VS_TCONV_RA_DN	-0.278	-1.33	0.0397
<b>708</b>	GSE41867_NAIVE_VS_DAY15_LCMV_ARMSTRONG_EFFECTOR_CD8_TCELL_DN	-0.311	-1.46	0.0397
<b>709</b>	GSE2770_TGFB_AND_IL4_VS_IL4_TREATED_ACT_CD4_TCELL_48H_DN	-0.314	-1.42	0.0399
<b>710</b>	GSE3982_NEUTROPHIL_VS_BASOPHIL_DN	0.341	1.47	0.04
<b>711</b>	GSE3982_MAST_CELL_VS_EFF_MEMORY_CD4_TCELL_UP	0.306	1.39	0.04
<b>712</b>	GSE40274_CTRL_VS_FOXP3_TRANSDUCE_D_ACTIVATED_CD4_TCELL_DN	-0.38	-1.53	0.04
<b>713</b>	GSE17974_IL4_AND_ANTI_IL12_VS_UNTREATED_6H_ACT_CD4_TCELL_UP	-0.292	-1.34	0.0401
<b>714</b>	GSE43863_NAIVE_VS_MEMORY_TFH_CD4_TCELL_D150_LCMV_UP	-0.394	-1.58	0.0402
<b>715</b>	GSE43863_DAY6_EFF_VS_DAY150_MEM_LY6C_INT_CXCR5POS_CD4_TCELL_DN	-0.476	-1.68	0.0402
<b>716</b>	GSE30971_WBP7_HET_VS_KO_MACROPHAGE_4H_LPS_STIM_DN	-0.363	-1.53	0.0406
<b>717</b>	GSE17721_POLYIC_VS_CPG_12H_BMDM_UP	-0.282	-1.36	0.0407
<b>718</b>	GSE17721_0.5H_VS_24H_LPS_BMDM_UP	-0.311	-1.41	0.0407
<b>719</b>	GSE41087_WT_VS_FOXP3_MUT_ANTI_CD3_CD28_STIM_CD4_TCELL_UP	-0.434	-1.61	0.0407
<b>720</b>	GSE32986_UNSTIM_VS_GMCSF_AND_CURDLAN_LOWDOSE_STIM_DC_DN	-0.364	-1.51	0.0408

<b>721</b>	GSE25147_UNSTIM_VS_HELIOBACTER_PY LORI_LPS_STIM_MKN45_CELL_UP	0.352	1.51	0.041
<b>722</b>	GSE46606_UNSTIM_VS_CD40L_IL2_IL5_DA Y3_STIMULATED_BCELL_DN	0.382	1.56	0.0411
<b>723</b>	GSE1460_DP_THYMOCYTE_VS_NAIVE_CD4 _TCELL_CORD_BLOOD_UP	0.346	1.49	0.0411
<b>724</b>	GSE7764_IL15_TREATED_VS_CTRL_NK_CE LL_24H_UP	0.454	1.65	0.0412
<b>725</b>	GSE7219_UNSTIM_VS_LPS_AND_ANTI_CD4 0_STIM_NIK_NFKB2_KO_DC_UP	-0.401	-1.6	0.0412
<b>726</b>	GSE43955_1H_VS_60H_ACT_CD4_TCELL_D N	-0.279	-1.36	0.0413
<b>727</b>	GSE12845_NAIVE_VS_PRE_GC_TONSIL_BC ELL_DN	0.403	1.58	0.0414
<b>728</b>	GSE22432_CONVENTIONAL_CDC_VS_PLAS MACYTOID_PDC_UP	0.358	1.49	0.0415
<b>729</b>	GSE1460_INTRATHYMIC_T_PROGENITOR_ VS_CD4_THYMOCYTE_DN	-0.447	-1.65	0.0416
<b>730</b>	GSE24142_ADULT_VS_FETAL_DN2_THYMO CYTE_UP	-0.32	-1.45	0.0418
<b>731</b>	GSE19401_PLN_VS_Peyers_PATCH_FOLLI CULAR_DC_DN	0.372	1.52	0.0419
<b>732</b>	GSE1566_WT_VS_EZH2_KO_LN_TCELL_UP	-0.287	-1.36	0.0419
<b>733</b>	GSE25123_IL4_VS_IL4_AND_ROSIGLITAZO NE_STIM_MACROPHAGE_DAY10_DN	-0.29	-1.4	0.0419
<b>734</b>	GSE43863_TH1_VS_LY6C_INT_CXCR5POS_ MEMORY_CD4_TCELL_DN	-0.328	-1.46	0.0419
<b>735</b>	GSE17721_LPS_VS_CPG_1H_BMDM_UP	0.322	1.43	0.042
<b>736</b>	GSE2585_CTEC_VS_MTEC_THYMUS_UP	-0.327	-1.42	0.0421
<b>737</b>	GSE3920_IFNA_VS_IFNB_TREATED_ENDOT HELIAL_CELL_DN	-0.395	-1.55	0.0421
<b>738</b>	GSE18281_CORTEX_VS_MEDULLA_THYMU S_DN	-0.304	-1.39	0.0422
<b>739</b>	GSE43955_TH0_VS_TGFB_IL6_TH17_ACT_ CD4_TCELL_30H_UP	-0.326	-1.46	0.0422
<b>740</b>	GSE29164_DAY3_VS_DAY7_UNTREATED_M ELANOMA_UP	-0.335	-1.47	0.0422
<b>741</b>	GSE46606_UNSTIM_VS_CD40L_IL2_IL5_DA Y1_STIMULATED_BCELL_DN	0.38	1.52	0.0423
<b>742</b>	GSE22033_WT_VS_PPARG_KO_MEF_DN	0.334	1.42	0.0423
<b>743</b>	GSE28408_LY6G_POS_VS_NEG_DC_UP	-0.302	-1.4	0.0423
<b>744</b>	GSE27786_LSK_VS_CD4_TCELL_UP	0.286	1.36	0.0425

<b>745</b>	GSE13547_CTRL_VS_ANTI_IGM_STIM_ZFX_KO_BCELL_12H_DN	-0.338	-1.42	0.0425
<b>746</b>	GSE15930_NAIVE_VS_48H_IN_VITRO_STIM_IFNAB_CD8_TCELL_DN	0.426	1.6	0.0426
<b>747</b>	GSE33424_CD161_INT_VS_NEG_CD8_TCELL_DN	-0.282	-1.37	0.0426
<b>748</b>	GSE21546_SAP1A_KO_VS_SAP1A_KO_AND_ELK1_KO_ANTI_CD3_STIM_DP_THYMOCYTES_DN	-0.38	-1.58	0.0426
<b>749</b>	GSE27786_CD4_TCELL_VS_NEUTROPHIL_UP	0.292	1.39	0.0428
<b>750</b>	GSE22033_WT_VS_PPARG_KO_MEF_UP	-0.285	-1.35	0.0428
<b>751</b>	GSE3337_CTRL_VS_4H_IFNG_IN_CD8POS_DC_UP	-0.301	-1.38	0.0428
<b>752</b>	GSE21360_SECONDARY_VS_TERTIARY_MEMORY_CD8_TCELL_UP	0.437	1.58	0.043
<b>753</b>	GSE17721_POLYIC_VS_GARDIQUIMOD_1H_BMDM_UP	-0.278	-1.35	0.043
<b>754</b>	GSE33162_UNTREATED_VS_4H_LPS_STIM_HDAC3_KO_MACROPHAGE_DN	0.424	1.6	0.0431
<b>755</b>	GSE17721_CTRL_VS_PAM3CSK4_0.5H_BMDM_UP	0.299	1.36	0.0431
<b>756</b>	GSE27786_BCELL_VS_NKCELL_DN	-0.271	-1.34	0.0432
<b>757</b>	GSE41867_LCMV_ARMSTRONG_VS_CLONE13_DAY15_EFFECTOR_CD8_TCELL_DN	-0.283	-1.34	0.0432
<b>758</b>	GSE7460_CTRL_VS_TGFB_TREATED_ACT_FOXP3_HET_TCONV_DN	-0.295	-1.39	0.0432
<b>759</b>	GSE32164_ALTERNATIVELY_ACT_M2_VS_CMYC_INHIBITED_MACROPHAGE_UP	-0.404	-1.6	0.0432
<b>760</b>	GSE19401_PAM2CSK4_VS_RETINOIC_ACID_STIM_FOLLICULAR_DC_UP	0.308	1.39	0.0433
<b>761</b>	GSE4984_UNTREATED_VS_VEHICLE_CTRL_TREATED_DC_DN	0.331	1.44	0.0434
<b>762</b>	GSE2128_CTRL_VS_MIMETOPE_NEGATIVE_SELECTION_DP_THYMOCYTE_NOD_DN	-0.32	-1.43	0.0435
<b>763</b>	GSE37534_UNTREATED_VS_GW1929_TREATED_CD4_TCELL_PPARG1_AND_FOXP3_TRASDUCED_DN	0.358	1.48	0.0436
<b>764</b>	GSE14308_TH17_VS_NATURAL_TREG_UP	0.319	1.43	0.0437
<b>765</b>	GSE10239_NAIVE_VS_KLRG1HIGH_EFF_CD8_TCELL_DN	0.407	1.59	0.0438

<b>766</b>	GSE46606_IRF4MID_VS_WT_CD40L_IL2_IL5_DAY3_STIMULATED_BCELL_DN	-0.34	-1.48	0.044
<b>767</b>	GSE19401_NAIVE_VS_IMMUNIZED_MOUSE_PLN_FOLLICULAR_DC_DN	-0.351	-1.48	0.0441
<b>768</b>	GSE15930_STIM_VS_STIM_AND_IFNAB_72H_CD8_T_CELL_UP	-0.318	-1.44	0.0442
<b>769</b>	GSE8835_CD4_VS_CD8_TCELL_CLL_PATIENT_DN	-0.333	-1.5	0.0442
<b>770</b>	GSE3982_EFF_MEMORY_CD4_TCELL_VS_TH2_UP	-0.282	-1.35	0.0443
<b>771</b>	GSE11961_MEMORY_BCELL_DAY7_VS_GERMINAL_CENTER_BCELL_DAY7_DN	-0.297	-1.38	0.0443
<b>772</b>	GSE17721_POLYIC_VS_CPG_8H_BMDM_UP	-0.293	-1.4	0.0444
<b>773</b>	GSE19825_CD24LOW_VS_IL2RA_HIGH_DAY3_EFF_CD8_TCELL_UP	-0.336	-1.47	0.0444
<b>774</b>	GSE24210_TCONV_VS_TREG_DN	0.272	1.33	0.0445
<b>775</b>	GSE10240_IL22_VS_IL17_STIM_PRIMARY_BRONCHIAL_EPITHELIAL_CELLS_UP	0.384	1.53	0.0446
<b>776</b>	GSE14908_RESTING_VS_HDM_STIM_CD4_TCELL_ATOPIC_PATIENT_UP	0.323	1.43	0.0446
<b>777</b>	GSE40274_FOXP3_VS_FOXP3_AND_EOS_TRANSDUCED_ACTIVATED_CD4_TCELL_UP	-0.326	-1.45	0.0446
<b>778</b>	GSE17974_IL4_AND_ANTI_IL12_VS_UNTREATED_12H_ACT_CD4_TCELL_DN	-0.358	-1.51	0.0446
<b>779</b>	GSE6681_DELETED_FOXP3_VS_WT_TREG_DN	0.313	1.42	0.0447
<b>780</b>	GSE24142_EARLY_THYMIC_PROGENITOR_VS_DN2_THYMOCYTE_UP	-0.434	-1.6	0.045
<b>781</b>	GSE24634_TREG_VS_TCONV_POST_DAY5_IL4_CONVERSION_DN	-0.464	-1.68	0.045
<b>782</b>	GSE19825_NAIVE_VS_IL2RALOW_DAY3_EFF_CD8_TCELL_UP	-0.323	-1.42	0.0451
<b>783</b>	GSE14308_INDUCED_VS_NATURAL_TREG_UP	0.307	1.38	0.0452
<b>784</b>	GSE43863_NAIVE_VS_MEMORY_LY6C_INT_CXCR5POS_CD4_TCELL_D150_LCMV_UP	-0.377	-1.54	0.0452
<b>785</b>	GSE22886_NAIVE_TCELL_VS_NKCELL_UP	-0.401	-1.59	0.0452
<b>786</b>	GSE18791_CTRL_VS_NEWCASTLE_VIRUS_DC_10H_UP	0.343	1.48	0.0454

<b>787</b>	GSE41867_DAY6_EFFECTOR_VS_DAY30_MEMORY_CD8_TCELL_LCMV_ARMSTRONG_DN	-0.313	-1.41	0.0454
<b>788</b>	GSE29164_UNTREATED_VS_CD8_TCELL_TREATED_MELANOMA_DAY7_UP	-0.416	-1.58	0.0454
<b>789</b>	GSE17974_CTRL_VS_ACT_IL4_AND_ANTI_IL12_6H_CD4_TCELL_DN	0.326	1.44	0.0455
<b>790</b>	GSE29618_PRE_VS_DAY7_POST_LAIV_FLU_VACCINE_PDC_UP	-0.273	-1.32	0.0455
<b>791</b>	GSE33292_DN3_THYMOCYTE_VS_TCF1_KO_TCELL_LYMPHOMA_DN	-0.332	-1.44	0.0456
<b>792</b>	GSE24634_NAIVE_CD4_TCELL_VS_DAY3_IL4_CONV_TREG_DN	0.376	1.53	0.0459
<b>793</b>	GSE45365_CD8A_DC_VS_CD11B_DC_IFNAR_KO_DN	0.383	1.58	0.046
<b>794</b>	GSE37533_UNTREATED_VS_PIOGLIZATONE_TREATED_CD4_TCELL_PPARG2_AND_FOXP3_TRASDUCED_UP	-0.313	-1.42	0.046
<b>795</b>	GSE369_PRE_VS_POST_IL6_INJECTION_IFNG_KO_LIVER_UP	-0.314	-1.42	0.046
<b>796</b>	GSE29164_CD8_TCELL_VS_CD8_TCELL_AND_IL12_TREATED_MELANOMA_DAY3_DN	-0.322	-1.48	0.046
<b>797</b>	GSE14769_UNSTIM_VS_40MIN_LPS_BMDM_DN	-0.382	-1.54	0.046
<b>798</b>	GSE45365_CTRL_VS_MCMV_INFECTION_NK_CELL_UP	-0.313	-1.43	0.0461
<b>799</b>	GSE41867_LCMV_ARMSTRONG_VS_CLONE13_DAY6_EFFECTOR_CD8_TCELL_DN	0.395	1.54	0.0463
<b>800</b>	GSE1460_INTRATHYMIC_T_PROGENITOR_VS_NAIVE_CD4_TCELL_CORD_BLOOD_UP	0.382	1.55	0.0464
<b>801</b>	GSE13411_IGM_MEMORY_BCELL_VS_PLASMA_CELL_UP	-0.332	-1.46	0.0464
<b>802</b>	GSE27859_CD11C_INT_F480_HI_MACROPHAGE_VS_CD11C_ING_F480_INT_DC_UP	-0.273	-1.33	0.0465
<b>803</b>	GSE10240_IL22_VS_IL22_AND_IL17_STIM_PRIMARY_BRONCHIAL_EPITHELIAL_CELLS_UP	-0.329	-1.46	0.0466
<b>804</b>	GSE43863_TH1_VS_TFH_MEMORY_CD4_TCELL_DN	-0.404	-1.56	0.0466
<b>805</b>	GSE20715_0H_VS_6H_OZONE_LUNG_DN	-0.3	-1.38	0.0468
<b>806</b>	GSE26928_NAIVE_VS_CXCR5_POS_CD4_TCELL_DN	0.305	1.36	0.0469

<b>807</b>	GSE37605_NOD_VS_C57BL6_IRES_GFP_TR EG_DN	-0.288	-1.34	0.047
<b>808</b>	GSE31082_DN_VS_CD8_SP_THYMOCYTE_ DN	-0.343	-1.45	0.047
<b>809</b>	GSE15930_STIM_VS_STIM_AND_IL- 12_72H_CD8_T_CELL_UP	0.28	1.35	0.0471
<b>810</b>	GSE10094_LCMV_VS_LISTERIA_IND_EFF_C D4_TCELL_DN	-0.273	-1.3	0.0471
<b>811</b>	GSE3982_NEUTROPHIL_VS_TH1_DN	0.347	1.48	0.0474
<b>812</b>	GSE15324_NAIVE_VS_ACTIVATED_CD8_TC ELL_DN	0.267	1.32	0.0474
<b>813</b>	GSE22611_UNSTIM_VS_2H_MDP_STIM_NO D2_TRANSDUCE HEK293T_CELL_UP	0.275	1.31	0.0474
<b>814</b>	GSE12366_NAIVE_VS_MEMORY_BCELL_UP	-0.33	-1.42	0.0474
<b>815</b>	GSE23505_UNTREATED_VS_4DAY_IL6_IL1_I L23_TREATED_CD4_TCELL_DN	-0.387	-1.54	0.0474
<b>816</b>	GSE17721_0.5H_VS_8H_PAM3CSK4_BMDM _DN	0.303	1.37	0.0475
<b>817</b>	GSE20715_WT_VS_TLR4_KO_LUNG_DN	-0.301	-1.37	0.0475
<b>818</b>	GSE39152_SPLEEN_CD103_NEG_VS_BRAI N_CD103_POS_MEMORY_CD8_TCELL_UP	-0.29	-1.36	0.0476
<b>819</b>	GSE21927_SPLENIC_C26GM_TUMOROUS_ VS_BONE_MARROW_MONOCYTES_DN	0.267	1.32	0.0485
<b>820</b>	GSE1460_CD4_THYMOCYTE_VS_NAIVE_CD 4_TCELL_CORD_BLOOD_DN	-0.296	-1.35	0.0486
<b>821</b>	GSE26030_TH1_VS_TH17_DAY15_POST_PO LARIZATION_DN	-0.338	-1.45	0.0486
<b>822</b>	GSE3982_BCELL_VS_TH2_DN	0.351	1.53	0.0489
<b>823</b>	GSE26488_CTRL_VS_PEPTIDE_INJECTION_ HDAC7_DELTAP_TG_OT2_THYMOCYTE_DN	-0.297	-1.36	0.0489
<b>824</b>	GSE3982_MAC_VS_BCELL_DN	-0.315	-1.42	0.049
<b>825</b>	GSE3982_EOSINOPHIL_VS_MAC_DN	0.302	1.39	0.0492
<b>826</b>	GSE14699_NAIVE_VS_DELETIONAL_TOLER ANCE_CD8_TCELL_UP	-0.358	-1.45	0.0494
<b>827</b>	GSE12845_PRE_GC_VS_DARKZONE_GC_T ONSIL_BCELL_DN	0.306	1.42	0.0498