

## Table S2: Example gene list (containing 211 genes)

b3128, b1283, b1923, b2060, b1944, b1076, b2148, b0695, b1725, b1885, b3158, b1904, b2728, b3117, b3365, b1946, b2423, b4380, b2752, b3605, b1080, b4154, b1072, b1044, b2150, b1887, b2208, b1881, b3573, b2207, b2744, b4069, b3525, b2486, b3544, b2997, b0894, b1883, b3225, b2770, b0307, b3223, b2750, b4067, b4034, b0999, b2431, b2059, b1566, b2980, b0306, b1891, b3999, b1889, b3543, b3020, b3126, b2434, b2126, b1415, b3479, b0241, b3124, b4123, b4032, b3125, b0512, b4151, b2424, b0297, b2343, b1391, b1987, b1941, b1498, b1010, b2746, b1297, b0720, b3072, b2406, b0953, b1922, b2514, b4070, b3342, b1938, b1884, b2359, b1879, b2976, b3540, b2957, b2643, b4036, b1661, b1948, b0422, b1256, b1224, b2788, b2727, b4379, b1926, b1074, b2960, b1940, b1079, b0549, b3159, b0346, b4153, b1895, b2751, b2762, b1945, b1724, b3846, b1943, b1949, b1083, b2844, b0598, b0550, b0042, b2358, b1924, b1921, b1892, b2726, b1886, b0487, b2414, b3127, b3221, b1075, b2206, b1326, b4207, b3604, b4068, b1757, b2202, b2365, b2458, b1081, b2149, b1071, b1077, b4261, b1937, b4109, b2764, b3476, b1880, b3416, b0331, b0621, b1882, b1942, b4071, b3603, b3222, b2383, b1078, b1888, b4355, b3845, b2745, b1890, b0587, b1939, b3224, b2425, b2310, b1070, b1925, b0651, b3366, b4033, b1194, b1082, b1878, b1950, b4035, b3296, b3478, b1223, b0904, b4152, b4037, b4557, b2729, b2662, b1073, b2108, b2342, b2012, b0895, b2659, b3092, b1218, b1000, b2579, b2537, b4122, b1947, b4021, b2341, b3541, b2463