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|-----------|------------|------------|------|----------|------|------|------|----------|-------|---|
| GENE911X | 14931_at | 14931_at | 1 | 0 | 0.48 | 3.13 | 0 | 0.7 | -0.67 | |
| | 3.45 | 0 4.83 | 4.15 | 5.49 | 5.23 | | | | | |
| GENE1947X | 18194_i_at | 18194_i_at | 1 | 0 | 1.48 | 1.58 | 0 | 1.84 | 0 | |
| | 2.13 | 0 3.37 | 2.72 | 4.68 | 4.29 | | | | | |
| GENE329X | 13004_at | 13004_at | 1 | 0.03 | 0.35 | 0.58 | 0.18 | 0.21 | -0.31 | |
| | 0.91 | 0.07 1.09 | 0.81 | 1.81 | 1.69 | | | | | |
| GENE1332X | 16080_f_at | 16080_f_at | 1 | -0.01 | 0.37 | 0.66 | 0.14 | 0.23 | 0.03 | |
| | 0.79 | 0.2 1.28 | 0.94 | 1.58 | 1.49 | | | | | |
| GENE819X | 14609_at | 14609_at | 1 | 0.67 | 1.58 | 2.96 | 1.13 | 1.69 | 0.13 | |
| | 2.2 | 0.6 3.71 | 3.47 | 4.68 | 4.71 | | | | | |
| GENE573X | 13645_at | 13645_at | 1 | 0.46 | 1.06 | 2.47 | 1.09 | 0.86 | 0.21 | |
| | 1.73 | 0.07 3.98 | 3.79 | 4.49 | 4.37 | | | | | |
| GENE2017X | 18357_at | 18357_at | 1 | 0.48 | 1 | 1.76 | 0.48 | 1.48 | 0 | |
| | 2.48 | 0 3.13 | 3.03 | 3.35 | 3.13 | | | | | |
| GENE544X | 13589_at | 13589_at | 1 | 0.6 | 0.71 | 0.91 | 0.05 | 0.89 | -0.53 | |
| | 0.71 | 0.18 1.53 | 1.56 | 2.29 | 1.95 | | | | | |
| GENE2314X | 19421_at | 19421_at | 1 | 0.38 | 0.13 | 1.01 | -0.1 | 0.29 | 0.07 | |
| | 0.55 | 0.2 1.27 | 1.29 | 1.75 | 1.7 | | | | | |
| GENE1581X | 16916_s_at | 16916_s_at | 1 | 0.35 | 1.34 | 2.51 | 2.21 | -0.06 | -0.61 | |
| | 2.7 | 0.67 2.44 | 2.06 | 4.29 | 4.11 | | | | | |
| GENE1453X | 16465_at | 16465_at | 1 | 0.29 | 1.15 | 2.2 | 1.7 | -0.00404 | - | |
| | 0.1 2.68 | 0.34 2.06 | 1.67 | 3.97 | 3.86 | | | | | |
| GENE448X | 13267_at | 13267_at | 1 | -0.16 | 0.49 | 0.66 | 0.11 | 0.09 | -0.44 | |
| | 0.73 | 0.19 0.99 | 0.76 | 1.16 | 1.17 | | | | | |
| GENE322X | 12965_at | 12965_at | 1 | -0.12 | 0.87 | 1.68 | 0.54 | 0 | 0.11 | |
| | 0.96 | 0.87 1.76 | 1.53 | 2.14 | 2.02 | | | | | |
| GENE1278X | 15978_at | 15978_at | 1 | 0.33 | 1.21 | 1.75 | 0.79 | 0.63 | -0.11 | |
| | 1.19 | 0.64 2.19 | 2.04 | 2.54 | 2.5 | | | | | |
| GENE1139X | 15551_at | 15551_at | 1 | 0.14 | 0.98 | 1.25 | 0.7 | 0.53 | 0.21 | |
| | 0.91 | 0.61 1.67 | 1.79 | 1.93 | 2.04 | | | | | |
| GENE45X | 12112_at | 12112_at | 1 | 0.04 | 0.57 | 0.63 | 0.41 | 0.35 | 0.1 | |
| | 0.69 | 0.35 1.1 | 0.91 | 1.23 | 1.2 | | | | | |
| GENE534X | 13565_at | 13565_at | 1 | 0.16 | 1.58 | 1.39 | 1 | -0.07 | -0.34 | |
| | 1.58 | 1.17 3.52 | 3.61 | 5.43 | 5.04 | | | | | |
| GENE369X | 13116_at | 13116_at | 1 | -0.00907 | | 0.46 | 0.56 | 0.09 | -0.13 | - |
| | 0.06 0.02 | -0.07 0.95 | 1.05 | 1.18 | 1.33 | | | | | |
| GENE2621X | 20432_at | 20432_at | 1 | 0.26 | 2 | 1.84 | 0.67 | 0.84 | 0 | 0 |
| | 0 | 3.17 2.63 | 3.63 | 3.84 | | | | | | |
| GENE853X | 14697_g_at | 14697_g_at | 1 | 0.57 | 0.52 | 0.79 | 0.34 | 0.08 | -0.25 | |
| | 0.41 | -0.2 1.5 | 1.55 | 1.58 | 1.21 | | | | | |
| GENE1288X | 16003_s_at | 16003_s_at | 1 | -0.21 | 0.97 | 1.17 | 0.68 | 0.69 | -0.44 | |
| | 1.07 | -0.06 2.42 | 2.78 | 2.34 | 2.59 | | | | | |
| GENE2313X | 19411_at | 19411_at | 1 | 0.2 | 0.35 | 0.62 | 0.86 | 0.57 | -0.26 | |
| | 0.69 | -0.28 2.38 | 2.06 | 2.21 | 2.18 | | | | | |
| GENE2623X | 20434_at | 20434_at | 1 | 0.03 | 0.51 | 0.48 | 0.24 | 0.46 | -0.06 | |
| | 0.38 | -0.43 1.31 | 1.29 | 1.51 | 1.09 | | | | | |
| GENE689X | 14083_at | 14083_at | 1 | 0.43 | 0.37 | 1.81 | 1.12 | 0.23 | 0.3 | 0 |
| | -0.38 | 2.58 2.72 | 2.37 | 2.84 | | | | | | |
| GENE2161X | 18885_at | 18885_at | 1 | 0.36 | 0.73 | 1.3 | 0.95 | 0.13 | -0.25 | |
| | 0.06 | -0.35 1.77 | 1.64 | 2.51 | 2.25 | | | | | |
| GENE1181X | 15646_s_at | 15646_s_at | 1 | 0.19 | 0.56 | 0.88 | 0.86 | 0.08 | 0.09 | |
| | 0.09 | -0.41 1.58 | 1.41 | 1.92 | 1.86 | | | | | |
| GENE1195X | 15672_s_at | 15672_s_at | 1 | 0.29 | 1.34 | 2.72 | 1.61 | 0.36 | 0.19 | |
| | 1.1 | -0.59 3.27 | 3.03 | 3.48 | 3.11 | | | | | |
| GENE2714X | 20689_at | 20689_at | 1 | 0.31 | 0.86 | 1.57 | 1.16 | 0.19 | -0.2 | |
| | 0.74 | -0.09 2.15 | 1.89 | 1.93 | 2.01 | | | | | |

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|-----------|------------|---------------|------------|-------|-------|-------|-------|---------|-------|---|---|
| GENE1167X | 15617_s_at | 15617_s_at | 1 | 0.27 | 0.62 | 0.94 | 0.61 | 0.19 | 0.19 | | |
| | 0.5 | -0.24 1.73 | 1.48 1.54 | 1.48 | | | | | | | |
| GENE1586X | 16940_g_at | 16940_g_at | 1 | 0.18 | 0.51 | 0.94 | 0.61 | -0.05 | 0.05 | | |
| | 0.3 | -0.07 1.55 | 1.61 1.51 | 1.6 | | | | | | | |
| GENE1585X | 16939_at | 16939_at | 1 | 0.07 | 1.55 | 2.57 | 1.82 | -0.1 | -0.28 | | |
| | 0.85 | -2 3.19 | 3.16 3.71 | 3.34 | | | | | | | |
| GENE1092X | 15444_at | 15444_at | 1 | 0.49 | -0.11 | -0.07 | 0.4 | -0.51 | -0.23 | | |
| | 0.11 | 0.00952 | 0.5 0.27 | 0.97 | 1.04 | | | | | | |
| GENE917X | 14954_i_at | 14954_i_at | 1 | 0.55 | 0.08 | 0.16 | 0.48 | -0.43 | -0.1 | | |
| | 0.29 | 0.43 0.08 | 0.12 0.67 | 1.15 | | | | | | | |
| GENE60X | 12151_at | 12151_at | 1 | 0.21 | 0.33 | -0.19 | 0.09 | -0.27 | -0.06 | | |
| | 0.28 | 0.21 -0.14 | 0.68 0.58 | 1.09 | | | | | | | |
| GENE1412X | 16346_at | 16346_at | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 0 | 0.84 0.67 | 3.67 3.07 | | | | | | | | |
| GENE2558X | 20247_at | 20247_at | 1 | 0 | 0 | 0 | 0 | 0 | 0 | | |
| | 0.84 | 0 2.2 | 0.84 3.9 | 3.76 | | | | | | | |
| GENE2402X | 19803_s_at | 19803_s_at | 1 | 0 | 0 | 0 | 0 | 0 | 0 | | |
| | 1.37 | 1.13 2.07 | 0.84 3.74 | 3.35 | | | | | | | |
| GENE377X | 13126_g_at | 13126_g_at | 1 | -0.02 | 0.05 | 0.17 | 0.05 | -0.11 | -0.26 | | |
| | 0.38 | 0.09 0.69 | 0.57 1.3 | 1.3 | | | | | | | |
| GENE1083X | 15410_at | 15410_at | 1 | -0.07 | 0.22 | 0.16 | -0.06 | 0.00791 | - | | |
| | 0.25 | 0.31 0.04 0.4 | 0.41 1.12 | 1.19 | | | | | | | |
| GENE1750X | 17484_at | 17484_at | 1 | 0.84 | 0 | 0 | 0 | 0 | 0 | | |
| | 2.37 | 0.26 2 | 3.07 4.52 | 4.54 | | | | | | | |
| GENE493X | 13449_at | 13449_at | 1 | 0 | 0 | 0 | 0 | 0 | 0 | | |
| | 1.76 | 0.67 1.26 | 2.63 3.7 | 3.96 | | | | | | | |
| GENE899X | 14896_at | 14896_at | 1 | 0.11 | 0.11 | 0.21 | -0.32 | -0.1 | 0.55 | | |
| | 1.1 | 0.08 0.87 | 1.4 1.89 | 2.01 | | | | | | | |
| GENE1791X | 17588_s_at | 17588_s_at | 1 | 0.67 | 0 | 0.26 | 0.48 | 0 | 0 | 1 | |
| | 0.73 | 0.84 1.67 | 3.22 3.89 | | | | | | | | |
| GENE1124X | 15518_at | 15518_at | 1 | 0 | 0 | 0 | 0 | 0 | 0 | | |
| | 1.58 | 0 0.84 | 1.13 2.26 | 3.56 | | | | | | | |
| GENE1388X | 16272_at | 16272_at | 1 | -0.37 | -0.37 | -0.24 | 0.69 | -0.36 | 1 | | |
| | 0.83 | 1.51 2.38 | 2.29 2.66 | 2.82 | | | | | | | |
| GENE1259X | 15912_at | 15912_at | 1 | 0.03 | -0.05 | 0.22 | 0.46 | 0.07 | 0.41 | | |
| | 0.33 | 0.36 1.11 | 1.5 1.11 | 1.27 | | | | | | | |
| GENE1932X | 18093_at | 18093_at | 1 | 0.13 | 0 | -0.14 | 0.13 | -0.45 | 0.29 | | |
| | 0.28 | 0.51 0.39 | 1 0.83 | 1.02 | | | | | | | |
| GENE309X | 12921_s_at | 12921_s_at | 1 | 0.58 | -0.29 | -0.16 | 0.26 | 0.05 | 0.59 | | |
| | 0.52 | 0.69 0.72 | 0.68 1.1 | 1.16 | | | | | | | |
| GENE2236X | 19152_at | 19152_at | 1 | 0.87 | -0.26 | 0.41 | 0.41 | 0.19 | 1.77 | | |
| | 3.45 | 2.94 2.74 | 2.28 4.19 | 3.85 | | | | | | | |
| GENE244X | 12736_f_at | 12736_f_at | 1 | 0.37 | -0.32 | 0.26 | 0 | 0.24 | 1.12 | | |
| | 1.42 | 1.21 1.08 | 1.42 2.03 | 1.94 | | | | | | | |
| GENE1758X | 17510_at | 17510_at | 1 | 0.41 | -0.24 | -0.28 | 0.4 | 0.22 | 0.59 | | |
| | 1.21 | 0.8 0.49 | 0.8 1.22 | 0.79 | | | | | | | |
| GENE144X | 12372_at | 12372_at | 1 | 0.41 | 0.44 | 1.04 | 0.57 | 0.58 | -1 | | |
| | 1.37 | 1.2 1.9 | -0.09 2.51 | 2.29 | | | | | | | |
| GENE1416X | 16354_at | 16354_at | 1 | 0.65 | 0 | 0.36 | 0.51 | 0.13 | 0.37 | | |
| | 2.32 | 1.26 2.03 | 2.17 3.56 | 3.65 | | | | | | | |
| GENE1018X | 15166_s_at | 15166_s_at | 1 | 0.37 | -0.04 | 0.24 | 0.47 | 0.18 | 0.26 | | |
| | 0.73 | 0.66 1.04 | 0.77 1.1 | 1.41 | | | | | | | |
| GENE37X | 12092_at | 12092_at | 1 | 0.15 | -0.16 | 0.95 | 1.37 | 0.17 | -0.48 | | |
| | 1.97 | 1.85 1.32 | 1.48 2.45 | 2.35 | | | | | | | |
| GENE958X | 15063_at | 15063_at | 1 | 0.42 | 0.08 | 0.53 | 0.64 | 0.46 | -0.28 | | |
| | 0.77 | 0.66 1.03 | 0.92 1.2 | 1.26 | | | | | | | |

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|-----------|------------|------------|-----------|---------|-------|-------|-------|-------|-------|
| GENE1877X | 17963_at | 17963_at | 1 | 0.66 | 1.28 | 1.21 | 0.46 | 1.35 | -0.04 |
| | 2.41 | 0.82 1.1 | 0.58 2.43 | 2 | | | | | |
| GENE1679X | 17280_at | 17280_at | 1 | 1.08 | 0.84 | 0.27 | 0.93 | 0.87 | -0.19 |
| | 1.15 | 0.3 0.9 | 0.33 1.09 | 0.92 | | | | | |
| GENE419X | 13198_i_at | 13198_i_at | 1 | 1.03 | 0.96 | 0.61 | 0.92 | 0.2 | -0.11 |
| | 1.68 | 0.61 0.46 | 0.25 0.58 | 1.92 | | | | | |
| GENE2697X | 20641_at | 20641_at | 1 | 0 | 0 | 0 | 0 | 1.13 | 0 |
| | 2.07 | 3.17 1 | 0.26 3.86 | 2.96 | | | | | |
| GENE2669X | 20572_at | 20572_at | 1 | 0.22 | 0 | 0.22 | -0.16 | 0.08 | 0.16 |
| | 0.58 | 0.85 0 | 0.16 2.08 | 1.67 | | | | | |
| GENE2178X | 18935_at | 18935_at | 1 | -0.89 | 0 | 0.82 | -0.37 | 0.34 | 0.93 |
| | 1.84 | 2.26 2 | 2 3.4 | 3.56 | | | | | |
| GENE2534X | 20189_at | 20189_at | 1 | -0.71 | 0.28 | 0.68 | -0.06 | 0.96 | 0.8 |
| | 1.61 | 2.12 2.15 | 1.92 3.3 | 3.24 | | | | | |
| GENE1077X | 15389_at | 15389_at | 1 | -0.59 | 0.5 | 0.98 | -0.13 | 1.48 | 1.55 |
| | 2.91 | 1.77 2.72 | 2.34 3.77 | 3.55 | | | | | |
| GENE1860X | 17929_s_at | 17929_s_at | 1 | -0.53 | 0.1 | 0.4 | -0.3 | 0.55 | 1.16 |
| | 1.83 | 1.52 1.65 | 1.6 2.22 | 2.06 | | | | | |
| GENE985X | 15110_s_at | 15110_s_at | 1 | -0.24 | -0.06 | 0.21 | 0.04 | 0.41 | 0.37 |
| | 0.68 | 0.66 0.81 | 0.47 1.05 | 0.96 | | | | | |
| GENE2310X | 19405_at | 19405_at | 1 | -0.51 | -0.14 | -0.06 | -0.4 | 0.56 | 0.43 |
| | 1.56 | 1.13 1.46 | 1.17 1.69 | 1.65 | | | | | |
| GENE2194X | 18963_at | 18963_at | 1 | 0.48 | 0.48 | 0.97 | -0.73 | 2.2 | 3.34 |
| | 3.73 | 4.72 2.49 | 1.52 5.23 | 4.22 | | | | | |
| GENE2507X | 20096_at | 20096_at | 1 | -0.26 | 0.22 | 0.18 | -0.73 | 1.25 | 1.64 |
| | 2.25 | 1.87 0.87 | 1.3 2.95 | 2.6 | | | | | |
| GENE1934X | 18109_s_at | 18109_s_at | 1 | 0 | 0.17 | 0.14 | -0.24 | 1.02 | 0.61 |
| | 1.79 | 1.14 1.2 | 1.26 2.63 | 2.04 | | | | | |
| GENE1483X | 16526_at | 16526_at | 1 | 0.11 | -0.05 | 0.03 | -0.23 | 0.77 | 1.1 |
| | 1.72 | 1.79 1.21 | 1.44 2.16 | 2.31 | | | | | |
| GENE1649X | 17104_s_at | 17104_s_at | 1 | -0.26 | -0.02 | 0.11 | -0.26 | 0.93 | 1.42 |
| | 1.92 | 1.75 1.06 | 1.46 2.37 | 2.57 | | | | | |
| GENE1508X | 16594_at | 16594_at | 1 | 0.12 | 0.1 | -0.21 | -0.58 | 0.69 | 0.93 |
| | 1.76 | 1.4 1.14 | 1.46 1.93 | 1.76 | | | | | |
| GENE554X | 13612_at | 13612_at | 1 | 0.06 | -0.31 | -0.25 | -0.19 | 0.26 | 0.58 |
| | 1.13 | 1.04 0.46 | 0.66 1.48 | 1.76 | | | | | |
| GENE284X | 12802_at | 12802_at | 1 | 0.00862 | | 0.03 | -0.09 | 0 | 0.28 |
| | 0.43 | 3.47 2.43 | 1 1.13 | 4.3 | 3.71 | | | | |
| GENE164X | 12449_s_at | 12449_s_at | 1 | -0.12 | -0.12 | -0.12 | 0.41 | 0.21 | 0.07 |
| | 1.9 | 1.22 0.65 | 1.55 3.45 | 2.91 | | | | | |
| GENE1117X | 15497_at | 15497_at | 1 | 0.13 | -0.19 | -0.32 | -0.01 | 0.24 | 0.29 |
| | 1.56 | 1.06 1.04 | 0.88 2.35 | 1.86 | | | | | |
| GENE807X | 14580_at | 14580_at | 1 | -0.2 | 0.12 | 0.16 | 0.21 | 0.41 | -0.02 |
| | 0.85 | 0.53 0.43 | 0.24 0.68 | 1 | | | | | |
| GENE436X | 13244_s_at | 13244_s_at | 1 | 0.42 | 1.33 | 1.86 | 0.41 | 2.04 | 1.93 |
| | 3.28 | 3.33 2.25 | 1.51 3.71 | 3.09 | | | | | |
| GENE1700X | 17373_at | 17373_at | 1 | 0.34 | 0.52 | 0.27 | -0.12 | 0.72 | 0.55 |
| | 1.24 | 1.05 0.47 | 0.4 1.41 | 1.01 | | | | | |
| GENE486X | 13435_at | 13435_at | 1 | 0.83 | 0.69 | 0.9 | 0.54 | 1.18 | 0.6 |
| | 2.3 | 3.26 1.26 | 0.29 2.69 | 1.82 | | | | | |
| GENE1794X | 17595_s_at | 17595_s_at | 1 | 0.83 | -0.21 | -0.16 | 0.32 | 1.93 | 0.9 |
| | 2.77 | 2.16 1.24 | 0.22 2.81 | 1.67 | | | | | |
| GENE2394X | 19741_at | 19741_at | 1 | -0.7 | -0.24 | 0.29 | -0.24 | -0.73 | -0.79 |
| | 0.8 | 0.77 0.93 | 1.09 1.61 | 2.28 | | | | | |
| GENE1060X | 15337_at | 15337_at | 1 | -1.06 | 0.24 | 0.76 | 0.37 | -0.43 | -1.43 |
| | 0.62 | 0.51 0.78 | 0.91 1.5 | 1.81 | | | | | |

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|-----------|------------|------------|------|-------|-------|-------|-------|-------|-------|
| GENE596X | 13706_at | 13706_at | 1 | -1.14 | 0.01 | 0.37 | -0.52 | -0.76 | -0.91 |
| | 0.57 | 0.6 | 0.31 | -0.48 | 1.6 | 1.48 | | | |
| GENE24X | 12037_at | 12037_at | 1 | -0.87 | 1.12 | 1.27 | -0.1 | -0.12 | -0.12 |
| | 1.56 | 1.7 | 0.75 | 0.57 | 1.48 | 1.23 | | | |
| GENE2633X | 20459_i_at | 20459_i_at | 1 | -0.92 | 0.33 | 0.18 | -0.09 | 0.06 | -0.07 |
| | 1.01 | 0.19 | 0.02 | 0.07 | 1 | 0.67 | | | |
| GENE2184X | 18946_at | 18946_at | 1 | -0.27 | 1.39 | 1.75 | 0.05 | 0.86 | -2.21 |
| | 1.42 | -0.76 | 1.33 | -0.08 | 2.2 | 1.52 | | | |
| GENE1085X | 15415_at | 15415_at | 1 | -0.32 | 2.13 | 2.63 | 0 | 1.66 | -1.26 |
| | 1.12 | -1.13 | 1.9 | 1.11 | 0.93 | 0.93 | | | |
| GENE25X | 12042_at | 12042_at | 1 | 0.11 | 1.03 | 0.88 | 0.21 | 0.29 | -0.64 |
| | 0.38 | -0.15 | 0.49 | 0.63 | 0.65 | 0.5 | | | |
| GENE464X | 13297_at | 13297_at | 1 | 0.29 | 0.36 | 0.31 | 0.44 | 1.08 | -1.64 |
| | 0.77 | 1.34 | 1.79 | 0.78 | 0.93 | 0.83 | | | |
| GENE192X | 12534_g_at | 12534_g_at | 1 | -0.24 | 0.02 | 0.09 | -0.78 | 0.36 | -1.66 |
| | 0.5 | -0.41 | 1 | 1.09 | 0.93 | 0.05 | | | |
| GENE413X | 13185_at | 13185_at | 1 | -0.18 | 0.34 | 0.23 | -0.41 | 0.08 | -1.1 |
| | 0.31 | -0.05 | 0.57 | 0.41 | 0.48 | 0.39 | | | |
| GENE307X | 12915_at | 12915_at | 1 | -0.15 | 0.16 | -0.08 | -0.47 | 0.14 | -1.5 |
| | 0.3 | -0.13 | 0.92 | 0.85 | 0.34 | 1.18 | | | |
| GENE2176X | 18930_at | 18930_at | 1 | -1.05 | -0.47 | -0.73 | -0.94 | -0.08 | -0.5 |
| | 0.33 | -0.78 | 1.3 | 1.37 | 1.58 | 2.14 | | | |
| GENE1190X | 15667_s_at | 15667_s_at | 1 | -0.41 | -0.27 | -0.26 | -0.22 | 0.07 | -0.33 |
| | 0.31 | -0.24 | 0.81 | 0.82 | 1.12 | 0.96 | | | |
| GENE664X | 14026_at | 14026_at | 1 | -0.83 | -0.4 | -0.4 | -1.45 | 0.47 | -0.31 |
| | 0.92 | -0.18 | 1.7 | 1.76 | 1.58 | 1.28 | | | |
| GENE2067X | 18601_s_at | 18601_s_at | 1 | -0.43 | -0.53 | -0.56 | -0.85 | -0.29 | -0.39 |
| | 0.24 | 0.14 | 1.18 | 1.01 | 0.96 | 0.81 | | | |
| GENE1789X | 17583_s_at | 17583_s_at | 1 | -0.39 | -0.87 | -0.76 | -0.71 | -0.67 | -0.28 |
| | 0.97 | 0.11 | 1.03 | 0.84 | 1.27 | 1.38 | | | |
| GENE1303X | 16031_at | 16031_at | 1 | -0.03 | -0.99 | -1.62 | -0.43 | 0.87 | 0.64 |
| | 0.36 | -0.54 | 2.07 | 1.77 | 1.67 | 1.37 | | | |
| GENE2023X | 18421_at | 18421_at | 1 | -0.46 | -0.55 | -0.91 | -0.3 | 0.2 | -0.09 |
| | 0.06 | -0.55 | 1.4 | 1.22 | 0.76 | 0.44 | | | |
| GENE2700X | 20646_at | 20646_at | 1 | -1.92 | -1.24 | -1.24 | -1.92 | 1.22 | 1.22 |
| | 0.5 | 0.14 | 2.58 | 2.5 | 1.77 | 1.11 | | | |
| GENE344X | 13046_g_at | 13046_g_at | 1 | -0.45 | -0.67 | -0.77 | -0.58 | 0.16 | 0.16 |
| | 0.16 | 0.4 | 0.8 | 1.41 | 0.64 | 0.6 | | | |
| GENE2645X | 20491_at | 20491_at | 1 | -2.04 | 1 | 0.42 | -0.7 | 1.34 | -0.33 |
| | 1.88 | 0.09 | 2.02 | 2.63 | 3.4 | 3.47 | | | |
| GENE2404X | 19819_at | 19819_at | 1 | -0.85 | 0.3 | -0.38 | -0.29 | 0.36 | 0.03 |
| | 0.72 | 0.11 | 0.88 | 1.24 | 1.29 | 1.67 | | | |
| GENE942X | 15025_at | 15025_at | 1 | -1.06 | -0.26 | -0.56 | -1.06 | 0.16 | -0.35 |
| | 0.95 | 0.55 | 1.27 | 1.34 | 1.85 | 1.92 | | | |
| GENE1062X | 15342_at | 15342_at | 1 | -1 | 0 | -0.15 | -0.86 | 0.26 | 0.53 |
| | 0.96 | 0.46 | 1.51 | 1.67 | 1.91 | 2.01 | | | |
| GENE362X | 13104_s_at | 13104_s_at | 1 | -0.55 | -0.12 | -0.2 | -0.52 | 0.41 | 0.35 |
| | 0.8 | 0.2 | 1.1 | 1.31 | 1.52 | 1.2 | | | |
| GENE2077X | 18625_at | 18625_at | 1 | -1.11 | 0.54 | 0.31 | -0.27 | -0.02 | -0.34 |
| | 0.9 | 0.45 | 1.05 | 0.88 | 1.13 | 0.97 | | | |
| GENE840X | 14660_at | 14660_at | 1 | -0.47 | 0.08 | 0.07 | -0.07 | 0.47 | -0.71 |
| | 0.6 | 0.25 | 1.04 | 1.16 | 1.12 | 0.82 | | | |
| GENE1048X | 15223_s_at | 15223_s_at | 1 | -0.14 | 0 | 0 | -0.22 | 0.41 | -0.16 |
| | 0.74 | 0.35 | 0.97 | 0.53 | 1.05 | 0.71 | | | |
| GENE470X | 13330_at | 13330_at | 1 | -0.7 | -0.41 | -0.26 | -0.19 | 0.45 | 0.16 |
| | 0.88 | -0.04 | 1.02 | 0.52 | 0.97 | 0.19 | | | |

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|-----------|------------|------------|-------|-------|-------|-------|-------|-------|-------|
| GENE1622X | 17041_s_at | 17041_s_at | 1 | -0.11 | -0.28 | -0.31 | -0.74 | 0.49 | 1.21 |
| 0.58 | 0.76 | 1.21 | 1.44 | 2.06 | 1.3 | | | | |
| GENE2649X | 20511_at | 20511_at | 1 | 0.03 | -0.17 | -0.06 | -0.75 | 0.63 | 0.53 |
| 0.51 | 0.3 | 1.43 | 1.22 | 1.55 | 1.45 | | | | |
| GENE2193X | 18962_s_at | 18962_s_at | 1 | -0.13 | -0.11 | -0.23 | -0.43 | 0.35 | 0.7 |
| 0.28 | 0.09 | 0.97 | 1.01 | 0.88 | 0.92 | | | | |
| GENE501X | 13493_at | 13493_at | 1 | -0.11 | -0.4 | -0.59 | -0.4 | 0.15 | 0.47 |
| 1.03 | 0.64 | 1.33 | 1.3 | 2.06 | 1.84 | | | | |
| GENE224X | 12623_at | 12623_at | 1 | -0.3 | -0.36 | -0.36 | -0.24 | 0.29 | 0.25 |
| 0.83 | 0.4 | 1.5 | 1.81 | 1.87 | 2.16 | | | | |
| GENE574X | 13647_at | 13647_at | 1 | 0.12 | -0.43 | -0.27 | -0.27 | 0.35 | 0.13 |
| 0.55 | 0.32 | 1.15 | 0.98 | 1.38 | 1.38 | | | | |
| GENE2013X | 18348_at | 18348_at | 1 | -0.47 | -0.33 | -0.58 | -0.26 | 0.34 | 0.34 |
| 0.61 | 0.68 | 0.88 | 1.04 | 0.87 | 1.37 | | | | |
| GENE2372X | 19651_s_at | 19651_s_at | 1 | -0.27 | -0.25 | -0.45 | -0.4 | 0.25 | 0.15 |
| 0.43 | 0.26 | 1.01 | 1.04 | 0.84 | 1.16 | | | | |
| GENE1645X | 17096_s_at | 17096_s_at | 1 | -0.91 | -0.75 | -0.8 | -1.12 | 0.4 | 0.71 |
| 0.88 | 1.42 | 1.34 | 1.4 | 1.43 | 1.6 | | | | |
| GENE1017X | 15162_at | 15162_at | 1 | 0.17 | 0.5 | -0.24 | 0.24 | 0.25 | -0.92 |
| 0.54 | -0.69 | 0.31 | 0.37 | 1.87 | 1.6 | | | | |
| GENE107X | 12251_at | 12251_at | 1 | -0.7 | -0.31 | -0.23 | 0 | 0.61 | -0.28 |
| 0.83 | -1.06 | 0.02 | -0.25 | 1.54 | 1.49 | | | | |
| GENE1651X | 17109_s_at | 17109_s_at | 1 | -0.15 | -0.56 | -0.8 | -0.48 | -0.18 | -0.1 |
| 0.26 | -1.14 | 0.45 | 0.8 | 1.47 | 1.59 | | | | |
| GENE2115X | 18692_at | 18692_at | 1 | -0.28 | -0.49 | -0.63 | -0.25 | -0.16 | -0.05 |
| 0.06 | -0.28 | -0.02 | 0.3 | 1.17 | 1.17 | | | | |
| GENE2316X | 19423_at | 19423_at | 1 | -2.43 | -0.43 | 1.17 | 1.22 | 0.38 | 0.64 |
| 0.09 | -0.95 | 1.54 | 1.33 | 0.56 | 0.66 | | | | |
| GENE162X | 12446_at | 12446_at | 1 | -0.81 | -1.1 | 0.55 | 0.64 | -0.05 | -0.1 |
| 0.69 | -0.33 | 1.21 | 0.12 | 0.81 | | | | | |
| GENE766X | 14487_at | 14487_at | 1 | -1.34 | 0.5 | 0.55 | -0.47 | 0.16 | -0.57 |
| 0.08 | -0.8 | 0.66 | 0.51 | 0.1 | | | | | |
| GENE1686X | 17318_at | 17318_at | 1 | -1.04 | -0.18 | -0.12 | -0.32 | -0.08 | -0.13 |
| 0.25 | -0.34 | 0.7 | 0.6 | 0.61 | | | | | |
| GENE868X | 14731_s_at | 14731_s_at | 1 | -2.23 | -0.4 | -0.7 | -0.88 | -0.08 | -0.36 |
| 0.16 | -0.34 | 0.62 | 0.5 | 0.31 | | | | | |
| GENE2090X | 18657_at | 18657_at | 1 | -1.7 | 0.27 | -0.33 | -0.22 | 0.23 | -0.05 |
| -0.31 | 0.63 | 0.8 | -0.05 | 0.14 | | | | | |
| GENE2695X | 20639_at | 20639_at | 1 | -0.4 | 0.03 | -0.03 | -0.13 | -0.06 | 0.3 |
| 0.55 | 0.95 | 0.73 | 0.87 | 0.87 | 1.24 | | | | |
| GENE294X | 12846_s_at | 12846_s_at | 1 | -0.96 | 0.01 | 0.13 | -0.59 | 0.29 | 0.51 |
| 0.72 | 1.43 | 1.37 | 1.12 | 1.89 | 0.95 | | | | |
| GENE1305X | 16038_s_at | 16038_s_at | 1 | -0.63 | -0.69 | -0.1 | -0.53 | 0.05 | 0.1 |
| 1.62 | 1.72 | 0.86 | 1.05 | 1.4 | 1.24 | | | | |
| GENE1360X | 16144_s_at | 16144_s_at | 1 | -0.43 | -0.31 | -0.67 | -1.72 | 0.45 | 0 |
| 1.86 | 1.35 | 0.94 | 1.04 | 1.97 | 1.57 | | | | |
| GENE1962X | 18243_at | 18243_at | 1 | 0.03 | -0.28 | -0.5 | -0.49 | 0.47 | 0.45 |
| 0.89 | 0.52 | 0.74 | 0.61 | 1.05 | 1.03 | | | | |
| GENE1983X | 18278_at | 18278_at | 1 | -0.64 | 0.13 | -0.01 | -0.82 | 0.82 | 0.25 |
| 1.09 | 0.89 | 0.91 | 0.4 | 1.2 | 1.06 | | | | |
| GENE1186X | 15660_s_at | 15660_s_at | 1 | -0.37 | -0.12 | -0.2 | -0.65 | 0.7 | 0.36 |
| 0.6 | 0.4 | 1.02 | 0.55 | 0.98 | 0.72 | | | | |
| GENE2531X | 20179_at | 20179_at | 1 | 0.26 | 0 | -0.51 | -1.07 | 0.33 | 1 |
| 0.91 | 1.04 | 0.85 | 0.67 | 1.29 | 0.67 | | | | |
| GENE1477X | 16510_at | 16510_at | 1 | -1.67 | -1.67 | -1.67 | -1.67 | 1.76 | 2.2 |
| 2.61 | 3.11 | 2 | 2.26 | 2.82 | 1.87 | | | | |

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|-----------|------------|----------------|------------|-------|-------|-------|-------|------|------|
| GENE602X | 13803_at | 13803_at | 1 | -0.67 | -1.67 | -1.67 | -1.67 | 2.32 | 3 |
| | 3.34 | 3.47 2.37 | 2.96 3.42 | 3.24 | | | | | |
| GENE627X | 13916_at | 13916_at | 1 | -1.22 | -0.07 | -0.44 | -1.64 | 1.76 | 2.37 |
| | 2.44 | 1.71 2.07 | 2.2 2.77 | 1.51 | | | | | |
| GENE939X | 15018_at | 15018_at | 1 | -0.49 | -0.79 | -1.24 | -1.32 | 1.1 | 1.4 |
| | 1.47 | 1.03 0.36 | 0.94 0.93 | 1.26 | | | | | |
| GENE2489X | 20042_at | 20042_at | 1 | -0.54 | -0.08 | -0.43 | -1.17 | 0.51 | 1.04 |
| | 1.19 | 1.02 0.37 | 0.48 0.63 | 0.82 | | | | | |
| GENE2673X | 20582_s_at | 20582_s_at | 1 | -0.45 | -0.73 | -0.96 | -0.98 | 0.26 | 1.12 |
| | 1.17 | 1.52 0.24 | 0.58 0.72 | 0.57 | | | | | |
| GENE311X | 12930_at | 12930_at | 1 | -0.72 | -0.31 | -1.1 | -0.84 | 0.27 | 1.26 |
| | 0.79 | 1.05 0.22 | 0.05 0.71 | 0.96 | | | | | |
| GENE1271X | 15955_s_at | 15955_s_at | 1 | -0.58 | -0.04 | -0.42 | -1.05 | 0.5 | 0.42 |
| | 0.53 | 0.44 0.28 | 0.3 0.47 | 0.37 | | | | | |
| GENE2290X | 19368_at | 19368_at | 1 | -1.21 | -0.85 | -0.72 | -0.85 | 0.25 | 0.65 |
| | 0.45 | 1 0.46 | 0.79 0.32 | 0.66 | | | | | |
| GENE1241X | 15872_at | 15872_at | 1 | -0.92 | -0.21 | -0.1 | -0.84 | 0.12 | 0.4 |
| | 0.29 | 0.75 0.33 | 1.06 -0.17 | 0.15 | | | | | |
| GENE1583X | 16927_s_at | 16927_s_at | 1 | -0.88 | -0.23 | -0.3 | -0.39 | 0.52 | 0.92 |
| | 0.1 | 0.86 0.83 1.28 | 0.36 0.92 | | | | | | - |
| GENE2343X | 19503_at | 19503_at | 1 | -0.84 | 0.07 | 0 | -0.59 | 0.51 | 0.42 |
| | 0.53 | 0.37 1.22 | 1.57 0.74 | 0.92 | | | | | |
| GENE2612X | 20390_s_at | 20390_s_at | 1 | -1.17 | -0.16 | -0.43 | -0.75 | 1.45 | 1.37 |
| | 1.37 | 0.88 2.76 | 2.2 1.76 | 0.91 | | | | | |
| GENE2597X | 20357_at | 20357_at | 1 | -0.62 | 0.11 | -0.4 | -0.96 | 0.63 | 0.96 |
| | 0.85 | 0.42 1.37 | 1.37 0.8 | 0.55 | | | | | |
| GENE1667X | 17192_s_at | 17192_s_at | 1 | -0.59 | -0.04 | -0.18 | -0.34 | 0.41 | 0.75 |
| | 0.4 | 0.25 1.1 | 1.4 1.19 | 0.17 | | | | | |
| GENE923X | 14979_at | 14979_at | 1 | -0.27 | -0.21 | -0.29 | -0.5 | 0.37 | 0.38 |
| | 0.18 | 0.16 0.69 | 1.12 0.7 | 0.17 | | | | | |
| GENE1134X | 15536_at | 15536_at | 1 | -0.79 | 0.2 | -0.79 | -1 | 0.87 | 0.34 |
| | 0.42 | 0.47 1.22 | 1.26 0.45 | 0.14 | | | | | |
| GENE2033X | 18482_at | 18482_at | 1 | -0.85 | -1.09 | -0.96 | -1.64 | 2.08 | 2.85 |
| | 1.66 | 1.83 2.11 | 1.84 1.46 | 0.74 | | | | | |
| GENE2204X | 18978_at | 18978_at | 1 | -0.55 | -0.34 | -0.36 | -0.59 | 0.66 | 0.81 |
| | 0.56 | 0.81 1.07 | 1.02 0.69 | 0.32 | | | | | |
| GENE1197X | 15674_at | 15674_at | 1 | -0.7 | -0.49 | -1.14 | -1.17 | 1.77 | 1.58 |
| | 1.11 | 0.76 1.72 | 2.19 0.94 | 0.28 | | | | | |
| GENE993X | 15124_s_at | 15124_s_at | 1 | -0.49 | -0.07 | -0.22 | -0.94 | 1.94 | 2.15 |
| | 0.44 | 1.84 2.46 | 2.67 0.91 | 0.55 | | | | | |
| GENE1538X | 16681_s_at | 16681_s_at | 1 | -0.29 | -0.28 | -0.4 | -0.06 | 0.96 | 0.98 |
| | 0.39 | 0.78 0.98 | 1.26 0.61 | 0.44 | | | | | |
| GENE877X | 14768_at | 14768_at | 1 | 0.11 | -0.29 | -0.52 | -0.32 | 0.89 | 1.07 |
| | 0.94 | 0.77 0.77 | 1.2 0.5 | 0.43 | | | | | |
| GENE894X | 14883_at | 14883_at | 1 | -0.16 | 0.12 | -0.16 | -0.28 | 0.85 | 0.56 |
| | 0.79 | 0.73 0.91 | 1.05 0.45 | 0.18 | | | | | |
| GENE2566X | 20264_at | 20264_at | 1 | -0.24 | -0.22 | -0.17 | -0.24 | 1.17 | 0.92 |
| | 0.54 | 0.08 1.01 | 0.77 0.53 | 0.2 | | | | | |
| GENE670X | 14043_at | 14043_at | 1 | 0.56 | -0.33 | 0.04 | -0.95 | 0.6 | 0.13 |
| | 0.51 | 0.71 0.96 | 0.77 1.02 | 0.47 | | | | | |
| GENE2188X | 18953_at | 18953_at | 1 | 0.18 | 0.45 | -0.44 | -1.2 | 1.5 | 1.85 |
| | 1.04 | 1.11 1.94 | 2.23 1.33 | 1.81 | | | | | |
| GENE1551X | 16744_at | 16744_at | 1 | 0.46 | 0.25 | -0.24 | -1.37 | 0.88 | 1.21 |
| | 1.35 | 0.58 1.61 | 1.3 0.64 | 0.64 | | | | | |
| GENE2683X | 20611_at | 20611_at | 1 | 0.27 | 0.55 | 0.18 | -1.59 | 0.74 | 0.59 |
| | 0.29 | 0.05 1.25 | 0.99 0.57 | 0.52 | | | | | |

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|-----------|------------|------------|------------|-------|---------|-------|-------|-------|---------|---|---|
| GENE2486X | 20027_at | 20027_at | 1 | 0.38 | -0.27 | -1.64 | -0.7 | 0.67 | 0.76 | | |
| | 0.29 | 0.48 1.41 | 1.76 0.75 | 1.12 | | | | | | | |
| GENE2529X | 20174_at | 20174_at | 1 | 0.42 | -0.24 | -0.38 | -0.38 | 0.68 | 0.79 | - | |
| | 0.25 0.13 | 1.06 1.2 | 0.4 0.4 | | | | | | | | |
| GENE1697X | 17366_at | 17366_at | 1 | -0.22 | -0.37 | -0.32 | -0.42 | -0.31 | 0.85 | | |
| | 0.07 | -0.1 1.06 | 1.25 0.19 | 0.77 | | | | | | | |
| GENE319X | 12956_i_at | 12956_i_at | 1 | -0.06 | -0.56 | -0.76 | -0.52 | 0.05 | 0.72 | - | |
| | 0.03 -0.23 | 0.97 1.27 | -0.07 0.32 | | | | | | | | |
| GENE2515X | 20140_at | 20140_at | 1 | 0.13 | -0.39 | -0.3 | -0.8 | 1.65 | 1.36 | | |
| | 0.53 | -0.08 2.71 | 2.83 1.71 | 1.53 | | | | | | | |
| GENE644X | 13964_at | 13964_at | 1 | -0.14 | 0 | -0.12 | -0.12 | 1.11 | 0.26 | | |
| | 0.7 | -0.03 1.55 | 1.79 1.38 | 1.28 | | | | | | | |
| GENE12X | 12006_at | 12006_at | 1 | 0.51 | 0.27 | -0.43 | 0.07 | 0.76 | 0.66 | | |
| | 0.54 | 0.19 1.51 | 1.74 1.33 | 1.41 | | | | | | | |
| GENE365X | 13110_at | 13110_at | 1 | -0.19 | -0.7 | -0.58 | -0.33 | 0.38 | 0.29 | | |
| | 0.49 | 0.33 1.95 | 1.95 1.64 | 1.12 | | | | | | | |
| GENE223X | 12621_at | 12621_at | 1 | -0.11 | -0.24 | -0.53 | -0.51 | 0.1 | 0.24 | | |
| | 0.39 | 0.03 0.76 | 1.07 0.76 | 0.76 | | | | | | | |
| GENE299X | 12883_at | 12883_at | 1 | -0.6 | -0.27 | -0.53 | -0.72 | 0.8 | 0.52 | | |
| | 0.61 | -0.14 1.81 | 1.46 1.08 | 1.38 | | | | | | | |
| GENE935X | 15004_at | 15004_at | 1 | -0.23 | -0.24 | -0.48 | -0.41 | 0.63 | 0.43 | | |
| | 0.44 | 0.1 0.84 | 0.9 0.97 | 1.03 | | | | | | | |
| GENE372X | 13119_at | 13119_at | 1 | -0.61 | 0 | -0.03 | -0.39 | -0.09 | 0.34 | | |
| | 0.08 | 0.12 1.16 | 1.36 0.82 | 1.45 | | | | | | | |
| GENE652X | 14007_at | 14007_at | 1 | -0.29 | 0.08 | -0.09 | -0.4 | -0.16 | 0.12 | | |
| | 0.32 | 0.24 1.04 | 1.21 0.45 | 0.93 | | | | | | | |
| GENE1546X | 16711_s_at | 16711_s_at | 1 | -0.33 | -0.13 | -0.22 | -0.08 | 0 | 0.18 | | |
| | 0.5 | 0.21 0.94 | 1.04 0.47 | 0.71 | | | | | | | |
| GENE2355X | 19584_at | 19584_at | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 0 | 3.07 3.35 | 2.32 2.43 | | | | | | | | |
| GENE1245X | 15883_at | 15883_at | 1 | 0.11 | -0.48 | 0.03 | 0.06 | 0.22 | 0.03 | | |
| | 0.09 | 0.17 1.45 | 1.37 0.78 | 0.97 | | | | | | | |
| GENE1998X | 18305_at | 18305_at | 1 | 0.07 | -0.11 | 0.01 | -0.11 | 0.09 | 0.39 | | |
| | 0.14 | 0.4 1.01 | 1.11 0.34 | 0.9 | | | | | | | |
| GENE2074X | 18622_g_at | 18622_g_at | 1 | 0 | 0.22 | 0.28 | -0.08 | -0.27 | -0.18 | | |
| | 0.05 | -0.28 0.82 | 0.88 0.85 | 1.12 | | | | | | | |
| GENE474X | 13361_at | 13361_at | 1 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 |
| | 0 | 3.35 3.32 | 3.37 3.88 | | | | | | | | |
| GENE1205X | 15697_at | 15697_at | 1 | -0.26 | 0 | 0.58 | -0.26 | -0.67 | -0.67 | 0 | |
| | 0.26 | 2.7 3.02 | 3.07 2.92 | | | | | | | | |
| GENE2618X | 20421_at | 20421_at | 1 | 0 | 0 | 2.2 | 0.84 | -0.32 | 0.37 | | |
| | 1.5 | -1.32 5.19 | 5.09 5.36 | 5.36 | | | | | | | |
| GENE2619X | 20422_g_at | 20422_g_at | 1 | 0 | 0 | 0.26 | 0 | 0.26 | 0.26 | | |
| | 0.78 | -1.13 5.37 | 5.07 4.81 | 4.56 | | | | | | | |
| GENE1678X | 17279_at | 17279_at | 1 | 0 | 0 | 0.84 | 0 | 0 | 0 | 1 | |
| | 0 | 4.49 3.58 | 4.07 3.2 | | | | | | | | |
| GENE1681X | 17291_at | 17291_at | 1 | 0.15 | -0.36 | 0.15 | 0.53 | -0.84 | 0.28 | | |
| | 0.76 | 0 1.83 | 2.55 2.56 | 2.92 | | | | | | | |
| GENE1242X | 15874_at | 15874_at | 1 | 0.32 | 0.16 | 0.45 | 0.32 | -1.11 | -0.11 | | |
| | 0.8 | -0.26 1.88 | 2.18 2.36 | 2.14 | | | | | | | |
| GENE550X | 13605_at | 13605_at | 1 | -0.31 | 0.00952 | | -0.01 | -0.25 | 0.00342 | | |
| | -0.27 | 0.56 0.06 | 1.01 1.08 | 1.54 | 1.67 | | | | | | |
| GENE1196X | 15673_at | 15673_at | 1 | -0.39 | -0.12 | -0.03 | -0.35 | -0.04 | -0.4 | | |
| | 0.51 | 0.23 1.2 | 1.18 1.41 | 1.46 | | | | | | | |
| GENE1505X | 16591_s_at | 16591_s_at | 1 | -0.13 | 0.06 | 0.14 | -0.16 | -0.17 | -0.2 | | |
| | 0.33 | 0.07 0.63 | 0.78 1.31 | 1.04 | | | | | | | |

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|-----------|------------|------------|------|---------|-------|-------|-------|-------|-------|---|---|
| GENE478X | 13381_at | 13381_at | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 0 | 2.8 | 2.72 | 4.36 | 4.21 | | | | | | | |
| GENE879X | 14780_at | 14780_at | 1 | 0 | 0 | 0 | 0 | -0.48 | -0.48 | | |
| 1.13 | 0.48 | 3.25 | 2.92 | 3.88 | 3.74 | | | | | | |
| GENE1659X | 17134_at | 17134_at | 1 | 0 | 0 | 0 | 0 | 0 | 0.67 | 2 | |
| 0 | 5.39 | 5.31 | 5.71 | 5.35 | | | | | | | |
| GENE2509X | 20104_at | 20104_at | 1 | 0 | 0 | 0 | 0 | -0.26 | 0 | 1 | |
| 0.26 | 3.82 | 2.84 | 3.48 | 3.4 | | | | | | | |
| GENE2400X | 19763_at | 19763_at | 1 | 0 | 0 | 0 | 0 | 0 | 0 | | |
| 0.48 | 0 | 3.48 | 3.17 | 3.1 | 3.53 | | | | | | |
| GENE117X | 12297_at | 12297_at | 1 | -0.19 | -0.32 | -0.53 | -0.19 | -0.07 | 0.32 | | |
| 0.29 | -0.08 | 1.37 | 1.63 | 1.67 | 1.81 | | | | | | |
| GENE1148X | 15580_at | 15580_at | 1 | -0.28 | -0.15 | -0.1 | -0.37 | -0.01 | -0.16 | | |
| 0.05 | -0.11 | 1.11 | 1.12 | 1.11 | 0.88 | | | | | | |
| GENE2514X | 20138_at | 20138_at | 1 | -0.16 | -0.31 | -0.11 | -0.25 | -0.43 | -0.14 | | |
| 0.01 | -0.43 | 1.18 | 1.12 | 1.09 | 1.09 | | | | | | |
| GENE2340X | 19489_s_at | 19489_s_at | 1 | -0.19 | -0.67 | 0 | -0.67 | 0.79 | -0.32 | | |
| 0.67 | 0 | 3.14 | 2.91 | 3.13 | 2.07 | | | | | | |
| GENE237X | 12702_at | 12702_at | 1 | -0.47 | -0.43 | 0.33 | -0.28 | 0.88 | -0.37 | | |
| 0.88 | -0.37 | 3.13 | 2.74 | 2.48 | 2.62 | | | | | | |
| GENE922X | 14978_at | 14978_at | 1 | -0.64 | 0.2 | 0.07 | -0.8 | 0.58 | -0.43 | | |
| 0.65 | 0.03 | 2.13 | 2.16 | 1.85 | 1.25 | | | | | | |
| GENE64X | 12159_at | 12159_at | 1 | 0.00877 | -0.08 | 0.02 | -0.35 | 0.09 | - | | |
| 0.19 | 0.49 | -0.07 | 0.64 | 1.08 | 0.94 | 0.82 | | | | | |
| GENE2508X | 20098_at | 20098_at | 1 | -0.58 | -0.12 | 0.22 | -0.88 | 1.22 | 0.83 | | |
| 0.53 | -0.36 | 2.32 | 2.53 | 2.58 | 2.85 | | | | | | |
| GENE1327X | 16071_s_at | 16071_s_at | 1 | -0.49 | 0.16 | 0.09 | -0.58 | 0.38 | 0.31 | | |
| 0.25 | 0 | 1.64 | 2.08 | 1.52 | 1.58 | | | | | | |
| GENE2357X | 19596_at | 19596_at | 1 | -0.13 | 0.09 | -0.14 | -0.23 | 0.57 | 0.24 | | |
| 0.57 | 0.16 | 1.31 | 1.35 | 1.26 | 1.03 | | | | | | |
| GENE2255X | 19198_at | 19198_at | 1 | -0.15 | 0.06 | -0.09 | -0.28 | 0.28 | 0.03 | | |
| 0.38 | 0.05 | 1.09 | 1.07 | 1.04 | 1.03 | | | | | | |
| GENE577X | 13652_at | 13652_at | 1 | 0.05 | -0.17 | -0.09 | -0.19 | 0.23 | 0.14 | | |
| 0.23 | 0.21 | 1.02 | 0.84 | 0.72 | 0.87 | | | | | | |
| GENE453X | 13275_f_at | 13275_f_at | 1 | 0 | 1.58 | 0 | 0 | 0 | 0 | | |
| 1.26 | 0 | 3.78 | 4.45 | 3.82 | 3.17 | | | | | | |
| GENE494X | 13450_at | 13450_at | 1 | 0.02 | 0.19 | 0.17 | 0.04 | 0.21 | 0.02 | | |
| 0.52 | -0.38 | 1.13 | 1.32 | 1.01 | 0.99 | | | | | | |
| GENE898X | 14895_at | 14895_at | 1 | -0.04 | 0.37 | -0.17 | 0.2 | 0.46 | 0.08 | | |
| 0.7 | -0.26 | 1.2 | 1.38 | 1 | 1.15 | | | | | | |
| GENE1418X | 16358_s_at | 16358_s_at | 1 | 0.04 | 0.28 | -0.14 | -0.09 | 0.13 | -0.15 | | |
| 0.62 | -0.21 | 1.43 | 0.84 | 0.86 | 0.58 | | | | | | |
| GENE2591X | 20337_at | 20337_at | 1 | -0.55 | -0.11 | 0.31 | -0.19 | -0.13 | 0.1 | | |
| 0.5 | 0.44 | 2 | 2 | 1.54 | 1.38 | | | | | | |
| GENE136X | 12347_at | 12347_at | 1 | -0.32 | 0.18 | 0.59 | 0.03 | 0.39 | 0.15 | | |
| 0.47 | -0.13 | 1.84 | 1.79 | 1.2 | 1.26 | | | | | | |
| GENE1354X | 16133_at | 16133_at | 1 | -0.29 | 0.25 | 0.46 | 0.15 | -0.09 | -0.08 | | |
| 0.24 | 0.03 | 1.31 | 1.14 | 0.98 | 0.95 | | | | | | |
| GENE420X | 13205_at | 13205_at | 1 | -0.67 | 0.19 | 0.34 | -0.08 | 0.31 | 0.21 | | |
| 0.58 | 0.08 | 1.24 | 0.96 | 1.13 | 1.01 | | | | | | |
| GENE2668X | 20570_at | 20570_at | 1 | -0.2 | -0.32 | -0.32 | 0.34 | -0.37 | 0 | - | |
| 0.28 | -0.45 | 1.34 | 1.54 | 1.34 | | | | | | | |
| GENE105X | 12246_s_at | 12246_s_at | 1 | 0.09 | -0.34 | 0 | 0 | -0.28 | 0.55 | - | |
| 0.32 | -0.58 | 1.64 | 1.09 | 1.26 | | | | | | | |
| GENE1808X | 17698_at | 17698_at | 1 | -0.12 | -1 | -0.41 | 0.41 | 0.06 | -0.65 | | |
| 0.53 | -1 | 1.21 | 1.82 | 1.8 | 1.63 | | | | | | |

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|-----------|------------|-----------------|-----------|-------|-------|-------|-------|-------|-------|---|
| GENE541X | 13584_at | 13584_at | 1 | -0.2 | 0.52 | 0.57 | -0.84 | 0.1 | -0.19 | |
| | 0.42 | -0.94 1.42 | 1.28 1.25 | 0.6 | | | | | | |
| GENE943X | 15026_at | 15026_at | 1 | 0.28 | 0.5 | 0.54 | -0.65 | 0.13 | -0.03 | |
| | 0.29 | -0.32 0.77 | 1.05 0.72 | 0.56 | | | | | | |
| GENE1036X | 15200_s_at | 15200_s_at | 1 | 0.11 | 0.15 | 0.21 | -0.55 | 0.01 | -0.33 | |
| | 0.26 | -0.16 1.05 | 0.94 0.75 | 0.68 | | | | | | |
| GENE2701X | 20647_at | 20647_at | 1 | 0.54 | 0 | -0.45 | -0.83 | 0.56 | 0.25 | - |
| | 0.18 | -0.79 1.58 1.41 | 0.54 0.83 | | | | | | | |
| GENE2189X | 18954_at | 18954_at | 1 | 0.49 | 0.35 | 0.22 | -0.41 | 1.09 | 0.29 | - |
| | 0.01 | -0.38 1.17 1.22 | 0.48 0.7 | | | | | | | |
| GENE1030X | 15188_s_at | 15188_s_at | 1 | -0.04 | 0.43 | 0.5 | -0.36 | 1.28 | 1.24 | |
| | 0.21 | -0.28 2.67 | 2.62 1.34 | 0.85 | | | | | | |
| GENE533X | 13564_at | 13564_at | 1 | -0.09 | 0.1 | 0.23 | -0.23 | 1.21 | 1 | |
| | 0.3 | -0.4 2.13 | 2.44 1.11 | 0.87 | | | | | | |
| GENE549X | 13604_at | 13604_at | 1 | -0.19 | 0.13 | 0.21 | -0.08 | 0.28 | 0.55 | |
| | 0.02 | -0.1 1.38 | 1.6 0.86 | 0.52 | | | | | | |
| GENE109X | 12262_at | 12262_at | 1 | 0.24 | 0.66 | 0.44 | 0.17 | 0.62 | 0.27 | 0 |
| | -0.54 | 1.59 1.69 | 0.79 0.7 | | | | | | | |
| GENE1217X | 15782_at | 15782_at | 1 | 0 | 0.25 | 0.5 | 0.03 | 0.64 | 0.09 | |
| | 0.14 | -0.43 1.6 | 1.66 0.58 | 0.62 | | | | | | |
| GENE2157X | 18873_at | 18873_at | 1 | 0.28 | 0.47 | 0.5 | 0.22 | 0.49 | 0.56 | - |
| | 0.15 | -0.12 1.46 1.55 | 0.54 0.5 | | | | | | | |
| GENE2238X | 19157_at | 19157_at | 1 | 0.32 | 0.2 | 0.07 | 0.16 | 0.29 | 0.29 | |
| | 0.08 | -0.34 1.41 | 1.44 0.57 | 0.92 | | | | | | |
| GENE1098X | 15457_at | 15457_at | 1 | -0.04 | 0.22 | 0.06 | 0.06 | 0.33 | 0.15 | - |
| | 0.15 | -0.22 1.21 1.05 | 0.23 0.66 | | | | | | | |
| GENE2464X | 19971_at | 19971_at | 1 | 0 | 0.33 | 0.13 | -0.14 | 0.15 | -0.05 | |
| | 0.29 | -0.21 1.3 | 1.02 0.29 | 0.58 | | | | | | |
| GENE1785X | 17578_at | 17578_at | 1 | -0.42 | 0 | 0.26 | 0.07 | 0.25 | 0.17 | - |
| | 0.21 | -0.13 1.5 1.4 | 0.73 0.84 | | | | | | | |
| GENE2073X | 18621_at | 18621_at | 1 | -0.36 | 0.12 | 0.05 | -0.17 | 0.33 | 0.2 | - |
| | 0.07 | -0.36 1.08 1.07 | 0.43 0.69 | | | | | | | |
| GENE2650X | 20517_at | 20517_at | 1 | -0.32 | -0.26 | -0.46 | -0.21 | 0.73 | 0.56 | - |
| | 0.02 | 0.24 1.79 2.08 | 0.87 0.82 | | | | | | | |
| GENE2070X | 18610_s_at | 18610_s_at | 1 | -0.28 | -0.11 | -0.23 | -0.01 | 0.33 | 0.06 | - |
| | 0.07 | -0.04 1.23 1.32 | 0.66 0.82 | | | | | | | |
| GENE2405X | 19823_at | 19823_at | 1 | 0 | 0.54 | -0.28 | 0.78 | 0.69 | 0.38 | - |
| | 0.46 | 0.35 2.34 1.54 | 0.47 1.47 | | | | | | | |
| GENE2587X | 20323_at | 20323_at | 1 | 0.07 | -0.07 | 0.7 | 1.42 | 0 | -0.22 | - |
| | 0.7 | -1.37 3.62 4.32 | 2.1 2.18 | | | | | | | |
| GENE2030X | 18465_s_at | 18465_s_at | 1 | 0.52 | 0.58 | 0.78 | 0.5 | 0.87 | 0 | |
| | 0.56 | -0.93 2.36 | 2.54 1.89 | 1.81 | | | | | | |
| GENE607X | 13825_s_at | 13825_s_at | 1 | 0.19 | 0.43 | 0.61 | 0.38 | 0.72 | 0.39 | |
| | 0.37 | -0.41 2.03 | 2.09 1.43 | 1.62 | | | | | | |
| GENE2548X | 20224_at | 20224_at | 1 | 0.09 | 0.05 | 0.23 | -0.05 | 0.48 | -0.09 | |
| | 0.29 | -0.37 1.76 | 1.97 1.51 | 1 | | | | | | |
| GENE2519X | 20151_at | 20151_at | 1 | -0.01 | -0.01 | 0.03 | 0.07 | 0.37 | -0.02 | |
| | 0.15 | -0.45 1.05 | 1.25 0.9 | 1.06 | | | | | | |
| GENE213X | 12600_at | 12600_at | 1 | 0.05 | -0.08 | 0.05 | 0.21 | 0.41 | 0.25 | |
| | 0.32 | -0.14 1.59 | 1.52 1.04 | 1.14 | | | | | | |
| GENE1957X | 18226_s_at | 18226_s_at | 1 | 0.28 | 0.44 | 0.28 | 0 | -0.12 | -0.12 | |
| | 0.35 | 0.33 1.29 | 1.49 1.09 | 0.49 | | | | | | |
| GENE624X | 13906_at | 13906_at | 1 | 0.1 | 0.07 | 0.05 | 0.1 | 0.16 | -0.15 | - |
| | 0.08 | 0.02 0.77 1.18 | 0.36 0.19 | | | | | | | |
| GENE455X | 13278_f_at | 13278_f_at | 1 | 0.41 | -0.77 | 0.5 | 2.39 | 0 | 0 | 0 |
| | 0 | 4.15 3.53 | 1.92 0.67 | | | | | | | |

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|-----------|------------|------------|------|-------|-------|-------|-------|-------|-------|---|
| GENE1411X | 16343_at | 16343_at | 1 | 0.05 | -0.22 | 0.44 | 0.32 | 0.18 | 0.46 | |
| | 0.13 | 0.05 | 1.35 | 1.33 | 0.74 | 0.39 | | | | |
| GENE1830X | 17859_at | 17859_at | 1 | 0 | 0.09 | 0.24 | 0.24 | -0.24 | 0.04 | |
| | 0.06 | 0.13 | 1.34 | 1.24 | 0 | 0.33 | | | | |
| GENE2261X | 19212_at | 19212_at | 1 | 0.11 | 0.26 | 0.37 | 0.1 | -0.01 | -0.52 | |
| | 0.23 | -0.49 | 0.71 | 0.87 | 1.01 | 1 | | | | |
| GENE1846X | 17899_at | 17899_at | 1 | 0.55 | 1.5 | 1.72 | 0.26 | 1.21 | -0.87 | |
| | 0.66 | -1.72 | 2.24 | 1.51 | 2.71 | 2.28 | | | | |
| GENE2170X | 18909_s_at | 18909_s_at | 1 | -0.02 | 0.64 | 0.61 | 0.06 | 0.21 | -0.44 | |
| | 0.55 | -0.19 | 0.58 | 0.96 | 1.23 | 0.65 | | | | |
| GENE827X | 14627_i_at | 14627_i_at | 1 | -0.06 | 0.66 | 0.62 | 0.6 | 0.15 | -0.39 | |
| | 0.2 | -1 | 1.31 | 1.76 | 1.51 | 0.73 | | | | |
| GENE381X | 13135_at | 13135_at | 1 | 0 | 0.39 | 0.79 | 0.51 | 0.18 | -0.18 | 0 |
| | -0.72 | 1.61 | 1.52 | 1.03 | 1.02 | | | | | |
| GENE2160X | 18884_at | 18884_at | 1 | 0.44 | 1.32 | 1 | -0.1 | 0.09 | 0.09 | |
| | 0.69 | -0.37 | 2.07 | 2.11 | 1.23 | 0.69 | | | | |
| GENE1135X | 15541_at | 15541_at | 1 | 0.25 | 0.53 | 0.49 | 0.27 | -0.02 | -0.07 | |
| | 0.03 | -0.26 | 1.13 | 1.04 | 0.7 | 0.42 | | | | |
| GENE2513X | 20129_at | 20129_at | 1 | 0 | 0.96 | 0.79 | 0.27 | 0.28 | -0.02 | |
| | 0.22 | -0.7 | 1.15 | 1.18 | 0.65 | 0.53 | | | | |
| GENE1023X | 15174_f_at | 15174_f_at | 1 | 0.38 | 0.05 | 0.25 | -0.04 | 0.46 | -0.55 | - |
| | 0.03 | -0.37 | 1.09 | 0.71 | 0.26 | | | | | |
| GENE1309X | 16043_at | 16043_at | 1 | -1 | -0.41 | 0.76 | -0.84 | 2.08 | -1.26 | |
| | 0.91 | -1.05 | 3.45 | 3.72 | 2.17 | 2.09 | | | | |
| GENE1816X | 17757_at | 17757_at | 1 | -0.7 | -0.24 | 0.82 | 0 | 0.32 | -0.77 | - |
| | 0.09 | -0.67 | 2.48 | 1.08 | 1.17 | | | | | |
| GENE1146X | 15577_s_at | 15577_s_at | 1 | -0.13 | 0.24 | 0.38 | 0.04 | 0.18 | -0.43 | |
| | 0.09 | -0.29 | 1.13 | 1.11 | 0.63 | 0.61 | | | | |
| GENE1812X | 17732_at | 17732_at | 1 | -0.12 | 0.6 | 0.46 | -0.24 | 0.63 | -0.29 | |
| | 0.36 | -1.02 | 1.49 | 1.04 | 0.8 | 0.31 | | | | |
| GENE861X | 14724_f_at | 14724_f_at | 1 | -0.5 | 0.29 | 0.48 | 0.01 | 0.25 | -0.36 | - |
| | 0.00621 | -0.59 | 1.05 | 0.64 | 0.72 | 0.26 | | | | |
| GENE1861X | 17930_s_at | 17930_s_at | 1 | 0.45 | 1.62 | 0.85 | 0.48 | 1.43 | -1.04 | |
| | 0.44 | -1.74 | 1.88 | 2.01 | 1.61 | 1.02 | | | | |
| GENE2724X | 20718_at | 20718_at | 1 | 0.25 | 0.53 | 0.17 | -0.03 | 0.9 | -0.07 | |
| | 0.28 | -0.96 | 1.09 | 0.7 | 0.73 | 0.65 | | | | |
| GENE882X | 14786_at | 14786_at | 1 | 0.58 | 0.95 | 1.88 | 0.95 | 1.11 | -0.77 | - |
| | 0.18 | -1.76 | 2.68 | 1.72 | 1.04 | | | | | |
| GENE2497X | 20059_at | 20059_at | 1 | 1 | 1.58 | 1.37 | 0.76 | 1.24 | -0.67 | - |
| | 0.58 | -1 | 2.2 | 1.36 | 0.73 | | | | | |
| GENE895X | 14884_at | 14884_at | 1 | 0.25 | 1 | 1.38 | 0.5 | 1.91 | -0.24 | |
| | 0.43 | -1.2 | 3.2 | 2.82 | 1.23 | 0.87 | | | | |
| GENE1579X | 16908_at | 16908_at | 1 | 0.17 | 0.54 | 0.42 | 0.3 | 0.69 | 0.31 | - |
| | 0.05 | -0.55 | 1.16 | 0.5 | 0.52 | | | | | |
| GENE1773X | 17554_at | 17554_at | 1 | -1.27 | -0.45 | 0.03 | 0 | 0.13 | -1 | - |
| | 0.61 | -2.2 | 3.18 | 1.54 | 1.7 | | | | | |
| GENE798X | 14554_at | 14554_at | 1 | -0.58 | -0.37 | 0.31 | -0.21 | -0.11 | -0.53 | - |
| | 0.47 | -0.83 | 1.45 | 1.48 | 0.87 | | | | | |
| GENE2274X | 19257_s_at | 19257_s_at | 1 | -0.84 | -0.36 | -0.16 | -0.58 | 0.08 | -1.67 | |
| | 0.05 | -1.53 | 1.85 | 1.55 | 1.67 | 1.85 | | | | |
| GENE907X | 14923_at | 14923_at | 1 | 0.06 | 0.2 | 0.08 | 0 | 0.27 | -1.04 | |
| | 0.18 | -1.44 | 1.52 | 1.73 | 0.78 | 0.59 | | | | |
| GENE828X | 14628_r_at | 14628_r_at | 1 | 0.16 | -0.08 | -0.4 | 0.08 | -0.08 | -0.86 | - |
| | 0.67 | -1.04 | 0.99 | 0.75 | 0.51 | | | | | |
| GENE1792X | 17589_at | 17589_at | 1 | -0.08 | -0.03 | 0.4 | 0.43 | 0.68 | -1.8 | - |
| | 0.76 | -1.05 | 1.21 | -0.13 | 0.14 | | | | | |

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|-----------|------------|------------|-------|----------|-------|-------|-------|-------|-------|---|
| GENE578X | 13653_at | 13653_at | 1 | -0.24 | 0.39 | 1.17 | 0.27 | 0.32 | -2 | - |
| | 1.34 | -1.87 | 1.43 | 1.26 | 0.44 | 0 | | | | |
| GENE1502X | 16571_s_at | 16571_s_at | 1 | 0.62 | 0.64 | 0.83 | 0.48 | 0.42 | -0.89 | - |
| | 0.96 | -1.41 | 1.47 | 1.27 | 0.36 | 0.1 | | | | |
| GENE2605X | 20379_at | 20379_at | 1 | 0.24 | 0.39 | 0.61 | 0.25 | 0.38 | -0.67 | - |
| | 0.48 | -1.12 | 0.94 | 1.05 | 0.33 | 0.11 | | | | |
| GENE1545X | 16702_at | 16702_at | 1 | 0.12 | 0.12 | 0.19 | -0.1 | 0.03 | -0.72 | - |
| | 0.44 | -1.18 | 1.02 | 1.09 | 0.21 | -0.05 | | | | |
| GENE226X | 12627_at | 12627_at | 1 | 0.4 | 0.48 | 0.54 | -0.35 | 0.14 | -0.89 | - |
| | 0.63 | -1.29 | 1.05 | 0.71 | 0.02 | -0.02 | | | | |
| GENE403X | 13172_s_at | 13172_s_at | 1 | -0.00511 | | -1.13 | -0.61 | -0.12 | -0.67 | - |
| | 0.55 | -0.61 | -0.82 | 0.56 | 0.75 | 0.4 | 0.3 | | | |
| GENE983X | 15107_s_at | 15107_s_at | 1 | 2.25 | 0.84 | 0.72 | 2.1 | -2.48 | -2.48 | |
| | 1.07 | -0.54 | 0.55 | 1.77 | 2.32 | 1.84 | | | | |
| GENE1345X | 16114_s_at | 16114_s_at | 1 | 0.59 | -0.19 | 0.22 | 1.13 | -0.45 | -0.37 | |
| | 0.39 | 0.11 | -0.23 | 0.14 | 0.83 | 0.98 | | | | |
| GENE878X | 14779_at | 14779_at | 1 | 1.04 | -0.36 | -0.63 | 0.91 | -0.18 | -1.12 | - |
| | 0.25 | -0.5 | -0.12 | 0.37 | 1.03 | 1.05 | | | | |
| GENE2138X | 18750_f_at | 18750_f_at | 1 | 0.63 | 1.22 | -0.11 | 0.19 | 0.32 | -1 | |
| | 0.74 | 0.21 | 0.03 | -0.37 | 0.77 | 0.95 | | | | |
| GENE893X | 14882_at | 14882_at | 1 | 1.12 | 2.71 | 5.08 | 5.12 | 0.9 | 0.43 | |
| | 2.52 | 1.46 | 3.58 | 3.31 | 4.51 | 3.81 | | | | |
| GENE1663X | 17180_at | 17180_at | 1 | 0.94 | 1.54 | 3.55 | 3.79 | 1.15 | 0.29 | |
| | 2.07 | 1.23 | 2.5 | 2.27 | 2.7 | 2.86 | | | | |
| GENE2463X | 19970_s_at | 19970_s_at | 1 | 1.17 | 1 | 3.76 | 4.45 | 0.93 | 0.34 | |
| | 1.39 | 1.64 | 2.54 | 2.56 | 2.9 | 2.83 | | | | |
| GENE1089X | 15431_at | 15431_at | 1 | 0.62 | 0.9 | 3.8 | 4.31 | 0.55 | 0.23 | |
| | 1.83 | 1.31 | 2.45 | 2.29 | 2.65 | 2.68 | | | | |
| GENE2079X | 18631_at | 18631_at | 1 | 1 | 1.84 | 4.2 | 4.39 | 0.43 | 0.91 | |
| | 1.84 | 1.84 | 2.79 | 2.43 | 3.02 | 2.9 | | | | |
| GENE207X | 12571_s_at | 12571_s_at | 1 | 0.25 | 0.85 | 2.46 | 2.63 | 0.47 | 0.6 | |
| | 0.82 | 0.72 | 1.39 | 1.71 | 1.64 | 1.63 | | | | |
| GENE382X | 13136_at | 13136_at | 1 | 0.56 | 0.51 | 1.45 | 1.65 | 0.05 | 0.17 | |
| | 0.82 | 0.81 | 0.74 | 0.97 | 0.88 | 0.89 | | | | |
| GENE2453X | 19946_at | 19946_at | 1 | 0.11 | 1.13 | 2.76 | 2.54 | -0.25 | -0.08 | |
| | 1.04 | 0.75 | 1.42 | 1.11 | 1.69 | 1.64 | | | | |
| GENE855X | 14711_at | 14711_at | 1 | -0.04 | 1.01 | 3.5 | 3.83 | 0.51 | 0.04 | |
| | 1.35 | 1.11 | 2.28 | 1.81 | 2.16 | 1.9 | | | | |
| GENE2069X | 18604_at | 18604_at | 1 | 0.77 | 1.66 | 3.03 | 2.89 | 1.15 | 0.92 | |
| | 1.58 | 1.07 | 2.04 | 1.92 | 1.95 | 1.74 | | | | |
| GENE2247X | 19181_s_at | 19181_s_at | 1 | 0.69 | 1.66 | 2.86 | 2.85 | 0.79 | 0.6 | |
| | 1.33 | 0.54 | 1.95 | 1.9 | 1.74 | 1.8 | | | | |
| GENE2248X | 19182_at | 19182_at | 1 | 0.49 | 1.51 | 2.67 | 2.82 | 0.86 | 0.62 | |
| | 0.88 | 0.84 | 1.46 | 1.59 | 1.05 | 1.26 | | | | |
| GENE2594X | 20346_at | 20346_at | 1 | 0.04 | 1.09 | 2.12 | 1.75 | 0.62 | 0.51 | |
| | 0.85 | 0.7 | 1.56 | 1.74 | 0.78 | 1.11 | | | | |
| GENE1650X | 17105_at | 17105_at | 1 | 0.07 | 0.39 | 2.13 | 2.95 | 0.54 | 0.52 | |
| | 0.57 | 0.34 | 1.63 | 1.64 | 1.86 | 1.98 | | | | |
| GENE27X | 12051_at | 12051_at | 1 | 0.13 | 0.73 | 2.25 | 2.45 | 0.66 | 0.35 | |
| | 0.57 | 0.31 | 1.91 | 1.72 | 1.26 | 1.5 | | | | |
| GENE357X | 13094_at | 13094_at | 1 | 0.3 | 0.77 | 1.77 | 1.89 | 0.35 | 0.32 | |
| | 0.28 | 0.17 | 1.47 | 1.02 | 1.07 | 1.05 | | | | |
| GENE2101X | 18672_s_at | 18672_s_at | 1 | 0.08 | 0.29 | 2.06 | 2.08 | 0.44 | 0.05 | |
| | 0.62 | -0.11 | 1.38 | 1.5 | 1.16 | 0.92 | | | | |
| GENE2481X | 20017_at | 20017_at | 1 | 0.06 | 0.62 | 2.01 | 1.9 | 0.69 | 0.23 | |
| | 0.94 | 0.02 | 1.41 | 1.34 | 0.82 | 0.86 | | | | |

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|-----------|------------|------------|-----------|-------|-------|------|------|-------|-------|---|--|
| GENE2705X | 20653_s_at | 20653_s_at | 1 | 0.02 | 0.6 | 2.36 | 2.14 | 0.16 | 0.15 | | |
| | 0.58 | -0.15 1.2 | 1.38 0.62 | 1.31 | | | | | | | |
| GENE1969X | 18258_at | 18258_at | 1 | 0 | 0.48 | 2.13 | 3.48 | 0 | -0.26 | 0 | |
| | 0 | 1.32 1 | 2.07 2.37 | | | | | | | | |
| GENE1562X | 16817_s_at | 16817_s_at | 1 | 0.67 | 1.74 | 3.49 | 3.46 | 0.27 | -0.59 | | |
| | 0.84 | 0.22 2.06 | 1.46 3.15 | 3.07 | | | | | | | |
| GENE610X | 13842_at | 13842_at | 1 | 0.75 | 1.3 | 3.9 | 4.58 | 0.64 | 0 | | |
| | 0.96 | 0.63 2.31 | 2.42 2.47 | 2.56 | | | | | | | |
| GENE1684X | 17303_s_at | 17303_s_at | 1 | 0.41 | 1.45 | 3.31 | 4.06 | 0.25 | -0.25 | | |
| | 0.61 | -0.1 1.93 | 1.43 1.99 | 1.94 | | | | | | | |
| GENE209X | 12584_at | 12584_at | 1 | 0.7 | 1.24 | 1.75 | 2.32 | -0.53 | 0.54 | - | |
| | 0.23 | -0.13 0.58 | 1.05 1.18 | | | | | | | | |
| GENE2222X | 19096_at | 19096_at | 1 | 1 | 0.26 | 2.13 | 2.76 | -0.41 | -0.67 | - | |
| | 0.26 | -0.26 2.67 | 3.08 1.41 | 1.87 | | | | | | | |
| GENE2583X | 20312_s_at | 20312_s_at | 1 | 0.27 | 0.05 | 1.43 | 1.68 | 0.24 | -0.09 | | |
| | 0.15 | -0.29 1.85 | 1.88 1.01 | 1.24 | | | | | | | |
| GENE2084X | 18641_at | 18641_at | 1 | -0.19 | -0.09 | 1.67 | 1.85 | -0.53 | -0.58 | | |
| | 0.16 | -0.32 1.45 | 1.15 0.81 | 1.05 | | | | | | | |
| GENE240X | 12712_f_at | 12712_f_at | 1 | 0.73 | 2 | 4.55 | 5.53 | 1.03 | -0.62 | | |
| | 0.96 | 0.27 1.74 | 2.17 1.79 | 1.42 | | | | | | | |
| GENE228X | 12642_at | 12642_at | 1 | 0.11 | 1.62 | 3.02 | 3.61 | 0.01 | -0.68 | | |
| | 0.39 | -0.45 1.23 | 1.53 1.4 | 1.57 | | | | | | | |
| GENE1428X | 16398_s_at | 16398_s_at | 1 | 1.67 | 2.72 | 4.59 | 4.37 | 0.78 | -0.08 | | |
| | 0.36 | -0.58 2.53 | 1.85 2.01 | 1.6 | | | | | | | |
| GENE2573X | 20285_s_at | 20285_s_at | 1 | 0.59 | 1.21 | 1.88 | 2.16 | 0.32 | -0.22 | 0 | |
| | -0.05 | 0.89 0.91 | 0.86 0.97 | | | | | | | | |
| GENE1987X | 18284_at | 18284_at | 1 | 0.83 | 0.4 | 2.14 | 2.69 | 0.02 | -0.24 | | |
| | 0.03 | -0.02 1.81 | 1.73 1.45 | 1.52 | | | | | | | |
| GENE1470X | 16499_at | 16499_at | 1 | 0.37 | 0.38 | 1.17 | 1.32 | 0.19 | -0.32 | - | |
| | 0.14 | -0.22 0.69 | 0.78 0.48 | | | | | | | | |
| GENE2269X | 19230_at | 19230_at | 1 | 0.4 | 1.06 | 2.24 | 2.64 | 0.2 | -0.49 | | |
| | 0.2 | 0.12 1.5 | 1.74 0.82 | 1.1 | | | | | | | |
| GENE2317X | 19426_s_at | 19426_s_at | 1 | 0.46 | 0.57 | 1.72 | 1.82 | 0.07 | -0.65 | | |
| | 0.39 | -0.09 1.02 | 0.95 0.75 | 1.1 | | | | | | | |
| GENE1733X | 17445_at | 17445_at | 1 | 0.87 | 0.51 | 1.78 | 2.13 | 0.04 | -0.97 | | |
| | 0.94 | -0.08 1.46 | 0.46 0.65 | 0.67 | | | | | | | |
| GENE2265X | 19220_at | 19220_at | 1 | 1 | 0.3 | 1.46 | 2.27 | 0.58 | 0.16 | - | |
| | 0.28 | -0.37 1.04 | 0.85 0.62 | 0.29 | | | | | | | |
| GENE234X | 12695_at | 12695_at | 1 | 1.39 | 0.8 | 2.64 | 2.97 | 0.23 | 0.16 | | |
| | 0.08 | 0.58 1.64 | 1.52 0.8 | 1.35 | | | | | | | |
| GENE2029X | 18445_at | 18445_at | 1 | 0.9 | 0.12 | 1.29 | 1.55 | 0.32 | 0.3 | | |
| | 0.18 | 0.51 1.02 | 0.68 0.23 | 0.92 | | | | | | | |
| GENE2243X | 19176_at | 19176_at | 1 | 0.56 | 0.11 | 1.39 | 1.78 | 0.38 | 0.47 | | |
| | 0.3 | 0.54 1.04 | 1.22 0.43 | 0.69 | | | | | | | |
| GENE1694X | 17341_at | 17341_at | 1 | 1.37 | 2.8 | 4.49 | 4.71 | 1.33 | 0.45 | | |
| | 1.13 | -0.07 3.14 | 2.71 1.93 | 1.93 | | | | | | | |
| GENE1210X | 15768_at | 15768_at | 1 | 0.84 | 1.92 | 4.05 | 4.24 | 1.68 | -0.16 | | |
| | 0.8 | -0.41 3.15 | 3.15 1.45 | 1.64 | | | | | | | |
| GENE1318X | 16059_at | 16059_at | 1 | 1.22 | 1.15 | 2.81 | 3.11 | 1.49 | 0.2 | | |
| | 0.98 | 0.19 2.42 | 2.24 1.97 | 1.81 | | | | | | | |
| GENE2019X | 18378_at | 18378_at | 1 | 1.66 | 1.22 | 2.22 | 2.22 | 0.85 | -0.19 | | |
| | 0.63 | 0.07 2.12 | 1.85 1.4 | 1.45 | | | | | | | |
| GENE2563X | 20259_at | 20259_at | 1 | 1.12 | 1.48 | 2.33 | 2.65 | 1.58 | 0.55 | | |
| | 0.62 | -0.88 2.46 | 2.43 1.68 | 1.36 | | | | | | | |
| GENE52X | 12128_at | 12128_at | 1 | 4.07 | 4.47 | 5.38 | 5.67 | 2.92 | 0 | | |
| | 1.37 | 0.18 5 | 5.17 2.32 | 2.24 | | | | | | | |

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|-----------|------------|------------|------|-------|-------|------|------|-------|----------|---|--|
| GENE1101X | 15463_at | 15463_at | 1 | 0.8 | 0.76 | 1.34 | 1.17 | 0.59 | 0.09 | | |
| | 0.29 | -0.00463 | 1.52 | 1.36 | 0.72 | 0.56 | | | | | |
| GENE1757X | 17507_at | 17507_at | 1 | 1.05 | 0.67 | 1.44 | 1.42 | 1.22 | 0.27 | | |
| | 0.32 | 0.32 | 1.56 | 1.27 | 0.76 | 0.48 | | | | | |
| GENE2336X | 19465_at | 19465_at | 1 | -0.09 | 1 | 2.19 | 2.34 | 0.79 | 0.18 | | |
| | 0.33 | 0.1 | 2.56 | 2.55 | 1.62 | 1.65 | | | | | |
| GENE1839X | 17881_at | 17881_at | 1 | 0.06 | 0.55 | 1.23 | 1.26 | 0.46 | 0.19 | | |
| | 0.17 | 0.24 | 1.34 | 1.02 | 0.57 | 0.41 | | | | | |
| GENE2443X | 19916_at | 19916_at | 1 | 0.72 | 0.43 | 1.35 | 1.53 | 0.15 | 0.04 | | |
| | 0.12 | 0.39 | 1.62 | 1.54 | 0.93 | 0.69 | | | | | |
| GENE1252X | 15900_at | 15900_at | 1 | 0.45 | 0.75 | 1.44 | 1.09 | 0.18 | -0.16 | | |
| | 0.11 | 0 | 1.23 | 1.36 | 0.93 | 0.8 | | | | | |
| GENE638X | 13944_at | 13944_at | 1 | 0.46 | 0.75 | 1.34 | 1.1 | 0.39 | -0.13 | - | |
| | 0.06 | -0.02 | 1.34 | 1.62 | 0.65 | 0.6 | | | | | |
| GENE2541X | 20199_at | 20199_at | 1 | -0.32 | 0.26 | 1.27 | 1.4 | 0.78 | -0.71 | | |
| | 0.59 | 0.47 | 0.38 | 0.49 | 0.47 | 0.64 | | | | | |
| GENE1547X | 16712_at | 16712_at | 1 | 0.43 | -0.23 | 1.48 | 2.08 | 0.2 | 0.07 | | |
| | 0.3 | 0.36 | 1 | 0.48 | 1.44 | 0.92 | | | | | |
| GENE1690X | 17323_at | 17323_at | 1 | 0.76 | 0.35 | 1.81 | 2.86 | 0.75 | 0.64 | | |
| | 0.9 | 1.48 | 0.75 | 0.9 | 1.35 | 1.64 | | | | | |
| GENE2416X | 19848_s_at | 19848_s_at | 1 | 0.49 | 0.76 | 1.35 | 1.34 | 0.13 | 0.15 | | |
| | 0.89 | 0.44 | 0.5 | 0.02 | 1.09 | 1.04 | | | | | |
| GENE38X | 12094_at | 12094_at | 1 | 1.58 | 1.58 | 5.08 | 5.92 | -0.36 | -0.5 | | |
| | 1.53 | 1.48 | 0.28 | 0.05 | 2.07 | 2.26 | | | | | |
| GENE909X | 14928_at | 14928_at | 1 | 1.75 | 1.38 | 2.38 | 1.2 | -0.68 | 0.18 | | |
| | 0.75 | 0.45 | 1.14 | 0.75 | 2.2 | 1.04 | | | | | |
| GENE2599X | 20361_s_at | 20361_s_at | 1 | 1.12 | 1 | 0.88 | 0.9 | 0.22 | 0.28 | | |
| | 0.64 | 0.53 | 0.55 | 0.61 | 0.84 | 0.57 | | | | | |
| GENE2478X | 20014_at | 20014_at | 1 | 0.83 | 1.02 | 0.97 | 1 | 0.17 | -0.16 | | |
| | 0.3 | 0.25 | 0.62 | 0.6 | 0.7 | 0.7 | | | | | |
| GENE2656X | 20527_s_at | 20527_s_at | 1 | 1.09 | 0.75 | 0.62 | 0.64 | 0.31 | 0.39 | | |
| | 0.5 | -0.08 | 0.43 | 0.54 | 0.7 | 0.77 | | | | | |
| GENE681X | 14068_s_at | 14068_s_at | 1 | 0.73 | 0.93 | 0.97 | 1.19 | 0.35 | -0.43 | | |
| | 0.48 | -0.02 | 0.58 | 0.44 | 1.63 | 0.56 | | | | | |
| GENE1871X | 17948_i_at | 17948_i_at | 1 | 0.95 | 1.06 | 0.92 | 1.15 | 0 | -0.5 | | |
| | 0.48 | -0.39 | 0.3 | 0.28 | 0.64 | 0 | | | | | |
| GENE2141X | 18756_at | 18756_at | 1 | 3.45 | 2.43 | 2.67 | 3.17 | 2.63 | 0 | 0 | |
| | -0.48 | 1.26 | 2.32 | 2.32 | 1.94 | | | | | | |
| GENE1430X | 16412_s_at | 16412_s_at | 1 | 1.63 | 1.45 | 1.87 | 1.4 | 0.68 | -0.1 | | |
| | 0.18 | -0.35 | 1.51 | 1.16 | 0.72 | 0.94 | | | | | |
| GENE1408X | 16336_at | 16336_at | 1 | 1.24 | 1.24 | 1.27 | 1.24 | 0.54 | 0.27 | - | |
| | 0.17 | -0.2 | 0.84 | 1.17 | 0.05 | 0.52 | | | | | |
| GENE2658X | 20531_at | 20531_at | 1 | 1.02 | 0.71 | 0.97 | 0.66 | 0.34 | -0.53 | - | |
| | 0.1 | 0.45 | 0.67 | 0.43 | 0.45 | 0.24 | | | | | |
| GENE392X | 13152_s_at | 13152_s_at | 1 | 0.33 | 1 | 0.99 | 0.8 | -0.06 | -0.00513 | | |
| | 0.4 | 0.28 | 0.4 | 0.93 | 1.05 | 1.36 | | | | | |
| GENE645X | 13966_at | 13966_at | 1 | 0.9 | 1.28 | 1.7 | 0.97 | 0.6 | -0.32 | | |
| | 1.39 | 1.14 | 1.05 | 1.08 | 1.81 | 1.79 | | | | | |
| GENE2634X | 20461_at | 20461_at | 1 | 0.79 | 0.94 | 1.4 | 0.94 | 0.29 | 0.07 | | |
| | 1.83 | 0.61 | 1.65 | 1.35 | 1.93 | 1.55 | | | | | |
| GENE2351X | 19555_at | 19555_at | 1 | 1.58 | 1.41 | 3.43 | 2.97 | 0.67 | 0.49 | | |
| | 2.45 | 1.31 | 2.86 | 2.93 | 3.45 | 3.69 | | | | | |
| GENE667X | 14030_at | 14030_at | 1 | 1.26 | 2.14 | 3.21 | 2.88 | 0.79 | 0.23 | | |
| | 2.14 | 1.07 | 2.63 | 2.41 | 3.29 | 2.76 | | | | | |
| GENE2635X | 20462_at | 20462_at | 1 | 2.1 | 2.01 | 2.66 | 2.52 | 1.17 | 0.45 | | |
| | 1.81 | 1.01 | 2.58 | 2.74 | 2.96 | 3.11 | | | | | |

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|-----------|------------|------------|-----------|---------|------|------|------|------|-------|
| GENE1422X | 16373_i_at | 16373_i_at | 1 | 1 | 0.84 | 3 | 2.26 | 0.09 | -0.8 |
| | 1.92 | 0.26 1.97 | 2.05 3.45 | 2.37 | | | | | |
| GENE1847X | 17900_s_at | 17900_s_at | 1 | 0.59 | 0.77 | 1.29 | 1.34 | 0.01 | -0.43 |
| | 0.63 | 0.01 1.23 | 1.09 1.91 | 1.87 | | | | | |
| GENE581X | 13656_at | 13656_at | 1 | 0.95 | 2 | 3.47 | 1.73 | 0.23 | -0.44 |
| | 1.48 | -0.18 3.08 | 2.61 4.46 | 3.76 | | | | | |
| GENE1575X | 16902_at | 16902_at | 1 | 0.42 | 0.64 | 0.91 | 0.45 | 0.07 | -0.22 |
| | 0.55 | 0.09 1.21 | 1.15 1.45 | 1.17 | | | | | |
| GENE657X | 14015_s_at | 14015_s_at | 1 | 1.1 | 3.36 | 3.64 | 2.19 | 3.23 | 0.48 |
| | 2.67 | 0 3.63 | 2.58 4.1 | 3.26 | | | | | |
| GENE950X | 15042_at | 15042_at | 1 | 0.62 | 1.13 | 1.26 | 0.78 | 1.03 | 0.13 |
| | 1.29 | 0.31 1.57 | 0.88 2.01 | 1.15 | | | | | |
| GENE1169X | 15622_s_at | 15622_s_at | 1 | 0.49 | 0.9 | 1.67 | 0.7 | 0.87 | -0.02 |
| | 0.92 | 0.49 1.34 | 0.88 2.35 | 1.75 | | | | | |
| GENE2567X | 20269_at | 20269_at | 1 | 1.44 | 3.74 | 4.16 | 1.39 | 1.81 | -0.15 |
| | 3.31 | 0.43 4.34 | 3.51 5.29 | 4.93 | | | | | |
| GENE2244X | 19178_at | 19178_at | 1 | 0.43 | 0.77 | 1.01 | 0.77 | 0.55 | -0.06 |
| | 0.84 | 0.28 1.05 | 0.82 1.31 | 1.23 | | | | | |
| GENE397X | 13158_at | 13158_at | 1 | -0.0094 | 0.71 | 0.8 | 0.32 | 0.63 | |
| | 0.09 | 0.83 0.22 | 0.98 0.8 | 1.27 | 0.9 | | | | |
| GENE378X | 13127_s_at | 13127_s_at | 1 | 0.38 | 0.69 | 0.79 | 0.1 | 0.48 | 0.11 |
| | 0.94 | 0.33 0.93 | 0.8 1.26 | 0.96 | | | | | |
| GENE1003X | 15137_s_at | 15137_s_at | 1 | 1 | 2.63 | 3.81 | 1.78 | 1.3 | -1.26 |
| | 1.82 | -0.32 3.36 | 2.08 3.91 | 3.14 | | | | | |
| GENE1075X | 15384_at | 15384_at | 1 | 0.46 | 1.47 | 1.45 | 0.68 | 0.31 | -0.58 |
| | 0.87 | 0.04 1.72 | 1.1 2.17 | 1.89 | | | | | |
| GENE919X | 14959_at | 14959_at | 1 | 1 | 2.04 | 2.17 | 0.58 | 0.58 | -0.15 |
| | 1.15 | -0.13 2.3 | 2.23 2.41 | 2.38 | | | | | |
| GENE1738X | 17458_at | 17458_at | 1 | 0.53 | 1.2 | 1.63 | 0.32 | 0.54 | -0.15 |
| | 1.09 | -0.37 1.75 | 1.61 2.04 | 1.41 | | | | | |
| GENE1046X | 15216_at | 15216_at | 1 | 0.66 | 1.7 | 1.84 | 0.8 | 0.82 | -0.29 |
| | 0.77 | -0.2 1.6 | 1.5 1.69 | 1.25 | | | | | |
| GENE1828X | 17852_g_at | 17852_g_at | 1 | 0.61 | 0.76 | 0.89 | 0.61 | 0.62 | -0.28 |
| | 0.23 | 0.7 1.13 | 1.17 1.07 | 1.02 | | | | | |
| GENE2307X | 19397_at | 19397_at | 1 | 0.91 | 0.79 | 0.75 | 0.9 | 0.5 | 0.17 |
| | 0.54 | -0.17 1.41 | 1.51 1.36 | 1.51 | | | | | |
| GENE2564X | 20261_at | 20261_at | 1 | 0.72 | 0.83 | 0.87 | 0.85 | 0.19 | -0.05 |
| | 0.36 | 0.02 0.87 | 0.85 1.09 | 0.96 | | | | | |
| GENE582X | 13659_at | 13659_at | 1 | 1.41 | 3.77 | 4.72 | 2.7 | 2.35 | 0.68 |
| | 1.81 | -0.23 3.72 | 3.38 2.64 | 2.41 | | | | | |
| GENE2527X | 20168_s_at | 20168_s_at | 1 | 0.29 | 1.23 | 1.5 | 0.96 | 0.74 | 0.23 |
| | 0.7 | 0.05 1.25 | 0.93 1.06 | 0.88 | | | | | |
| GENE142X | 12360_at | 12360_at | 1 | 0.51 | 1.37 | 2.57 | 1.8 | 1.16 | 0 |
| | 1.78 | 0.11 2.78 | 2.16 2.3 | 1.51 | | | | | |
| GENE1606X | 16992_at | 16992_at | 1 | 0.58 | 0.71 | 1.04 | 0.62 | 0.45 | 0.16 |
| | 0.65 | -0.03 1.16 | 1 0.97 | 0.59 | | | | | |
| GENE1381X | 16235_at | 16235_at | 1 | 0.76 | 1.32 | 1.67 | 1.76 | 0.83 | -0.34 |
| | 0.94 | -0.37 1.94 | 1.32 1.46 | 1.34 | | | | | |
| GENE2296X | 19376_at | 19376_at | 1 | 0.74 | 1.53 | 1.71 | 1.19 | 0.77 | -0.05 |
| | 0.74 | -0.53 1.86 | 1.35 1.31 | 0.88 | | | | | |
| GENE489X | 13439_at | 13439_at | 1 | 0.24 | 1.39 | 2.67 | 2 | 0.34 | 0.44 |
| | 0.65 | 0.19 2.21 | 1.86 2.47 | 2.1 | | | | | |
| GENE2332X | 19460_s_at | 19460_s_at | 1 | 0.46 | 1.44 | 3.19 | 2.22 | 0.67 | 0.4 |
| | 1.01 | 0.65 2.13 | 2.01 2.29 | 2.15 | | | | | |
| GENE2093X | 18662_s_at | 18662_s_at | 1 | 0.42 | 1.32 | 2.76 | 2.72 | 0.7 | 0 |
| | 0.58 | -0.13 2.63 | 2.24 2.18 | 1.66 | | | | | |

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|-----------|------------|------------|-----------|----------|------|------|------|-------|-------|---|--|
| GENE1554X | 16753_at | 16753_at | 1 | 0.55 | 1.37 | 2.51 | 2.36 | 0.08 | 0.08 | | |
| | 0.46 | -0.19 2.5 | 2.14 2.17 | 2.05 | | | | | | | |
| GENE159X | 12438_at | 12438_at | 1 | 1.13 | 3.17 | 3.35 | 3.07 | 1.87 | 0.41 | | |
| | 1.67 | 0 3.68 | 3.39 4.05 | 3.88 | | | | | | | |
| GENE1968X | 18255_at | 18255_at | 1 | 0 | 0.9 | 1.42 | 1.24 | 0.62 | -0.04 | | |
| | 0.66 | 0.02 1.83 | 1.65 2.01 | 1.68 | | | | | | | |
| GENE1238X | 15866_s_at | 15866_s_at | 1 | -0.05 | 0.88 | 1.28 | 1.03 | 0.52 | 0.24 | | |
| | 0.53 | 0.00252 | 1.17 1.13 | 1.42 | 1.26 | | | | | | |
| GENE2333X | 19462_at | 19462_at | 1 | 0.67 | 2.35 | 3.59 | 2.72 | 0.88 | -0.15 | | |
| | 1.29 | -0.58 2.71 | 2.59 2.71 | 2.44 | | | | | | | |
| GENE2470X | 19991_at | 19991_at | 1 | 0.62 | 2.33 | 4.19 | 3.2 | 0.32 | -0.21 | | |
| | 1.17 | -1 3.86 | 3.81 4.25 | 4.09 | | | | | | | |
| GENE1291X | 16008_i_at | 16008_i_at | 1 | 0.13 | 0.97 | 1.75 | 1.21 | 0.08 | -0.06 | | |
| | 0.74 | -0.32 1.34 | 1.22 1.5 | 1.26 | | | | | | | |
| GENE1292X | 16009_s_at | 16009_s_at | 1 | -0.00948 | | 0.72 | 1.44 | 0.84 | 0.04 | - | |
| | 0.17 0.33 | -0.33 1.14 | 0.94 1.09 | 1.04 | | | | | | | |
| GENE96X | 12233_at | 12233_at | 1 | 0.2 | 0.98 | 1.12 | 0.52 | 0.32 | 0.01 | | |
| | 0.32 | -0.24 1.33 | 1.1 1.06 | 0.84 | | | | | | | |
| GENE2320X | 19433_at | 19433_at | 1 | 0.25 | 0.84 | 1.07 | 0.74 | 0.31 | 0.05 | | |
| | 0.28 | -0.26 1.33 | 0.99 0.72 | 0.89 | | | | | | | |
| GENE2512X | 20128_at | 20128_at | 1 | 0 | 0.67 | 3.56 | 4.1 | 0.7 | -0.41 | | |
| | 1.41 | 0.41 3.24 | 3.65 3.58 | 3.79 | | | | | | | |
| GENE1061X | 15341_at | 15341_at | 1 | 0.16 | 0.82 | 2.86 | 2.63 | 0.32 | -0.94 | | |
| | 0.45 | 0.2 2.77 | 2.36 2.95 | 2.97 | | | | | | | |
| GENE1421X | 16370_s_at | 16370_s_at | 1 | 0 | 0.48 | 3.72 | 2.32 | 0 | 0 | | |
| | 0.67 | 0 3.13 | 3.17 3.29 | 2.72 | | | | | | | |
| GENE2516X | 20142_at | 20142_at | 1 | -0.13 | 0.93 | 3.27 | 2.69 | -0.01 | -0.16 | | |
| | 0.99 | -0.59 3.02 | 2.68 2.73 | 2.15 | | | | | | | |
| GENE2492X | 20051_at | 20051_at | 1 | 0.19 | 0.92 | 1.89 | 1.58 | 1.03 | -0.8 | | |
| | 0.7 | 0.05 2.67 | 1.71 2.47 | 2.31 | | | | | | | |
| GENE767X | 14489_at | 14489_at | 1 | 0.27 | 0.66 | 0.8 | 0.9 | 0.42 | -0.41 | | |
| | 0.39 | -0.14 1.2 | 1.12 1.26 | 1.15 | | | | | | | |
| GENE1100X | 15461_at | 15461_at | 1 | 0.21 | 0.4 | 0.81 | 0.72 | 0.35 | -0.25 | | |
| | 0.05 | -0.29 1.3 | 0.98 0.87 | 1.08 | | | | | | | |
| GENE368X | 13115_at | 13115_at | 1 | -1.18 | 1.72 | 2.74 | 2.12 | 1.87 | 0.87 | | |
| | 0.45 | -0.68 2.54 | 2.56 2.16 | 2.15 | | | | | | | |
| GENE1426X | 16391_at | 16391_at | 1 | -0.32 | 1.32 | 1.92 | 0.84 | 0.45 | -0.16 | | |
| | 0.43 | -0.5 2.11 | 1.96 2 | 1.74 | | | | | | | |
| GENE1549X | 16721_at | 16721_at | 1 | -0.41 | 0.87 | 1.97 | 1.54 | 0.9 | 0.17 | | |
| | 0.7 | -0.67 3.27 | 3.34 2.27 | 2.39 | | | | | | | |
| GENE2125X | 18719_r_at | 18719_r_at | 1 | -0.17 | 0.51 | 0.81 | 0.49 | 0.11 | 0.13 | | |
| | 0.28 | -0.35 1.14 | 1.2 0.93 | 0.72 | | | | | | | |
| GENE1767X | 17533_s_at | 17533_s_at | 1 | -0.34 | 0.65 | 2.42 | 1.52 | 0.26 | 0 | - | |
| | 0.48 -0.48 | 2.92 1.67 | 1.77 1.58 | | | | | | | | |
| GENE2456X | 19951_at | 19951_at | 1 | 0.32 | 1.67 | 1.95 | 0.52 | 0.33 | -0.06 | | |
| | 1.27 | 0.08 0.96 | 1.17 1.49 | 0.37 | | | | | | | |
| GENE2169X | 18908_i_at | 18908_i_at | 1 | 0.33 | 0.78 | 1.11 | 0.09 | 0.4 | 0.15 | | |
| | 0.85 | -0.77 0.88 | 1.43 1.25 | 0.53 | | | | | | | |
| GENE491X | 13445_at | 13445_at | 1 | -0.1 | 0.83 | 0.94 | 0.28 | -0.22 | 0.51 | | |
| | 0.07 | 0.14 1.19 | 1.89 0.88 | 0.61 | | | | | | | |
| GENE2241X | 19163_at | 19163_at | 1 | -0.19 | 0.59 | 0.61 | 0.43 | -0.12 | 0 | | |
| | 0.49 | 0.18 0.42 | 1.04 0.48 | 0.43 | | | | | | | |
| GENE1377X | 16222_at | 16222_at | 1 | 1.15 | 2.33 | 2.86 | 1.75 | 2.72 | 0 | - | |
| | 0.26 -0.26 | 4.29 2.92 | 2.58 1.87 | | | | | | | | |
| GENE591X | 13685_at | 13685_at | 1 | 0.11 | 1.46 | 2.23 | 1.52 | 1.27 | -0.38 | | |
| | 0.23 | -0.28 2.59 | 1.58 1.51 | 1.25 | | | | | | | |

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|-----------|------------|------------|-------|------|------|------|------|---------|-------|---|
| GENE1814X | 17748_at | 17748_at | 1 | 0.92 | 2.7 | 3.37 | 1.96 | 1.92 | 0 | - |
| 0.16 | -1.92 | 3.03 | 2.76 | 1.58 | 1.42 | | | | | |
| GENE1597X | 16968_at | 16968_at | 1 | 1.44 | 2.89 | 2.94 | 2 | 1.45 | 0.79 | |
| 0.36 | -1.32 | 3.55 | 3.75 | 2.28 | 1.71 | | | | | |
| GENE675X | 14057_at | 14057_at | 1 | 0.12 | 0.66 | 0.77 | 0.33 | 0.5 | 0.16 | |
| 0.29 | -0.36 | 0.93 | 1.01 | 0.66 | 0.48 | | | | | |
| GENE2007X | 18330_at | 18330_at | 1 | 0.42 | 0.77 | 0.85 | 0.52 | 0.61 | -0.21 | |
| 0.27 | -0.42 | 1.22 | 1.02 | 0.69 | 0.35 | | | | | |
| GENE2442X | 19914_at | 19914_at | 1 | 0.66 | 1.13 | 1.06 | 0.49 | 0.31 | 0.26 | |
| 0.07 | -0.43 | 1.28 | 0.8 | 0.48 | 0.8 | | | | | |
| GENE1976X | 18268_s_at | 18268_s_at | 1 | 0.91 | 1.58 | 2.15 | 1.51 | 0.58 | 0.82 | |
| 0.86 | 0.08 | 1.98 | 2.2 | 1.69 | 0.8 | | | | | |
| GENE2562X | 20258_at | 20258_at | 1 | 0.62 | 1.36 | 1.79 | 0.88 | 0.78 | 1.07 | |
| 0.48 | 0.27 | 2.11 | 1.8 | 1.15 | 0.72 | | | | | |
| GENE823X | 14614_at | 14614_at | 1 | 0.35 | 1.05 | 1.56 | 1.2 | 0.87 | 0.7 | |
| 0.3 | 0.15 | 1.75 | 1.52 | 0.7 | 0.77 | | | | | |
| GENE2282X | 19345_at | 19345_at | 1 | 0 | 2 | 3.37 | 2.26 | 0.26 | 0 | 0 |
| 0 | 2.96 | 2.32 | 1.58 | 1.26 | | | | | | |
| GENE320X | 12958_at | 12958_at | 1 | 0.28 | 1.34 | 1.75 | 1.67 | 0.06 | 0.19 | |
| 0.22 | -0.16 | 1.28 | 1.67 | 0.74 | 0.68 | | | | | |
| GENE2051X | 18567_at | 18567_at | 1 | 0.36 | 1.6 | 2.01 | 1.11 | -0.2 | -0.58 | |
| 0.14 | -0.44 | 1.88 | 2.16 | 0.84 | 1.24 | | | | | |
| GENE1501X | 16570_s_at | 16570_s_at | 1 | 0.76 | 1.62 | 2.86 | 2.33 | 0.7 | 0.04 | |
| 0.06 | -0.95 | 3.05 | 2.65 | 1.63 | 1.49 | | | | | |
| GENE2603X | 20373_at | 20373_at | 1 | 0.67 | 1.41 | 2.32 | 2.04 | 0.73 | 0.22 | - |
| 0.03 | -0.4 | 2.75 | 2.52 | 1.01 | 0.81 | | | | | |
| GENE2126X | 18720_s_at | 18720_s_at | 1 | 0.31 | 0.81 | 1.45 | 1.36 | 0.3 | 0.21 | - |
| 0.27 | -0.35 | 1.94 | 1.71 | 0.74 | 1.06 | | | | | |
| GENE336X | 13022_at | 13022_at | 1 | 0.47 | 1.15 | 1.15 | 0.86 | 0.17 | 0.14 | |
| 0.02 | -0.34 | 1.81 | 1.81 | 0.5 | 0.6 | | | | | |
| GENE1628X | 17051_s_at | 17051_s_at | 1 | 0.81 | 1.32 | 1.54 | 2.14 | 0.16 | -0.1 | |
| 0.34 | -0.01 | 1.75 | 2.06 | 1.34 | 1.82 | | | | | |
| GENE1499X | 16568_s_at | 16568_s_at | 1 | 0.56 | 0.58 | 1.02 | 1.02 | 0.17 | 0.26 | |
| 0.17 | -0.16 | 1.19 | 1.17 | 0.46 | 1.12 | | | | | |
| GENE1672X | 17252_at | 17252_at | 1 | 0.82 | 0.97 | 1.51 | 1.37 | 0 | -0.09 | |
| 0.07 | -0.39 | 1.22 | 1.27 | 1 | 1.01 | | | | | |
| GENE727X | 14391_at | 14391_at | 1 | 0.63 | 0.94 | 1.1 | 1.13 | 0.00699 | - | |
| 0.01 | 0.08 | -0.00613 | 0.98 | 1.07 | 0.56 | 0.62 | | | | |
| GENE751X | 14459_at | 14459_at | 1 | 0.49 | 0.37 | 0.62 | 0.34 | 0.29 | 0.11 | - |
| 0.57 | -0.16 | 0.73 | 1.09 | 0.32 | 0.48 | | | | | |
| GENE690X | 14085_at | 14085_at | 1 | 0.2 | 0.42 | 0.55 | 0.2 | 0.27 | 0.07 | - |
| 0.36 | 0.03 | 1.17 | 0.88 | 0.23 | 0.41 | | | | | |
| GENE121X | 12307_at | 12307_at | 1 | 1.74 | 3.74 | 3.61 | 2.17 | 2.15 | -0.37 | |
| 1.63 | -0.77 | 2.98 | 1.86 | 2.24 | 1.6 | | | | | |
| GENE2345X | 19531_at | 19531_at | 1 | 0.89 | 1.95 | 2.28 | 1.54 | 0.66 | -0.69 | |
| 0.73 | -0.12 | 1.49 | 1.28 | 1.7 | 1.24 | | | | | |
| GENE1382X | 16236_g_at | 16236_g_at | 1 | 0.88 | 1.67 | 1.48 | 1.51 | 0.71 | -0.41 | |
| 0.65 | -0.43 | 1.17 | 1.19 | 1.14 | 1.16 | | | | | |
| GENE2547X | 20223_at | 20223_at | 1 | 1.36 | 2.97 | 3.44 | 2.56 | 1.17 | 0.33 | |
| 1.37 | 0.22 | 2.36 | 1.9 | 1.92 | 1.56 | | | | | |
| GENE2221X | 19092_at | 19092_at | 1 | 1.39 | 2.19 | 2.64 | 1.82 | 0.5 | -0.05 | |
| 0.73 | 0.05 | 1.62 | 1.39 | 1.15 | 1.17 | | | | | |
| GENE1004X | 15139_s_at | 15139_s_at | 1 | 0.47 | 1.11 | 1.21 | 0.76 | 0.24 | -0.16 | |
| 0.42 | 0.01 | 0.88 | 0.77 | 0.62 | 0.5 | | | | | |
| GENE1033X | 15195_s_at | 15195_s_at | 1 | 0.59 | 1.43 | 1.84 | 1.42 | 0.39 | 0.11 | |
| 0.39 | -0.24 | 0.92 | -0.03 | 1.46 | 1.24 | | | | | |

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|-----------|------------|-----------------|-----------|-------|------|------|------|-------|-------|---|
| GENE719X | 14320_at | 14320_at | 1 | 1.13 | 1.6 | 2.2 | 1.96 | 1.23 | -0.21 | |
| | 0.73 | -0.52 1.62 | 0.98 1.74 | 1.49 | | | | | | |
| GENE2526X | 20167_i_at | 20167_i_at | 1 | 0.72 | 1.76 | 2.19 | 1.34 | 0.74 | 0.04 | |
| | 0.65 | -0.18 1.18 | 0.71 1.38 | 1 | | | | | | |
| GENE171X | 12480_s_at | 12480_s_at | 1 | 0.86 | 1.56 | 2.09 | 1.43 | 0.85 | -0.32 | |
| | 0.16 | -1.06 1.29 | 0.33 1.13 | 1.06 | | | | | | |
| GENE1429X | 16409_at | 16409_at | 1 | 0 | 1.26 | 2.32 | 1.37 | -0.12 | -0.58 | 0 |
| | -1.26 | 1.7 1.32 | 1.34 1.05 | | | | | | | |
| GENE260X | 12764_f_at | 12764_f_at | 1 | 0.18 | 1.18 | 1.42 | 1.02 | 0.2 | -0.61 | - |
| | 0.23 | -0.9 1.24 1.09 | 1.25 0.99 | | | | | | | |
| GENE1313X | 16053_i_at | 16053_i_at | 1 | 0.83 | 2.63 | 3.13 | 2.63 | 0.21 | -1.05 | |
| | 0.33 | -1.57 1.56 | 1.7 1.67 | 1.33 | | | | | | |
| GENE1840X | 17882_at | 17882_at | 1 | 0.37 | 0.98 | 1.4 | 0.92 | 0.29 | -0.25 | |
| | 0.18 | -0.54 1.02 | 1.05 0.9 | 0.54 | | | | | | |
| GENE990X | 15118_s_at | 15118_s_at | 1 | 0.07 | 1.2 | 1.3 | 0.7 | 0.26 | -0.59 | - |
| | 0.06 | -0.49 0.9 0.77 | 0.81 0.45 | | | | | | | |
| GENE528X | 13559_at | 13559_at | 1 | 0.55 | 0.75 | 1.44 | 0.69 | 0.36 | -0.81 | |
| | 0.16 | -0.61 0.85 | 0.28 0.78 | 1.18 | | | | | | |
| GENE1558X | 16791_at | 16791_at | 1 | 0.22 | 2.62 | 2.32 | 1.32 | 0.96 | -1.44 | |
| | 0.11 | -1.26 1.63 | 1.07 0.58 | 1.62 | | | | | | |
| GENE668X | 14032_at | 14032_at | 1 | -0.13 | 2.58 | 4.17 | 2.76 | -0.46 | -1.02 | - |
| | 0.14 | -0.58 2.19 1.94 | 2.22 2.25 | | | | | | | |
| GENE1417X | 16357_at | 16357_at | 1 | 0.41 | 2.45 | 3.66 | 3.54 | 0.1 | -0.89 | - |
| | 0.28 | -0.37 2.14 1.97 | 1.86 1.6 | | | | | | | |
| GENE2273X | 19247_at | 19247_at | 1 | 0.27 | 1.62 | 2.74 | 2.51 | 0.3 | -0.68 | |
| | 0.47 | -0.53 2.12 | 1.89 1.43 | 1.38 | | | | | | |
| GENE1693X | 17338_at | 17338_at | 1 | 0.48 | 2.48 | 3.67 | 2.58 | 0 | -0.48 | |
| | 0.19 | -0.48 1.89 | 0.65 1.71 | 0.77 | | | | | | |
| GENE2578X | 20294_at | 20294_at | 1 | 0.86 | 1.24 | 1.58 | 1.49 | -0.73 | -0.51 | |
| | 0.28 | -1.2 1.1 | 0.92 1.62 | 1.2 | | | | | | |
| GENE2672X | 20577_at | 20577_at | 1 | 0.48 | 1.32 | 1.88 | 1.32 | -0.08 | -0.38 | |
| | 0.65 | -1.48 1.64 | 1.3 1.61 | 0.71 | | | | | | |
| GENE1710X | 17392_at | 17392_at | 1 | 0.76 | 0.88 | 1.78 | 1.62 | 0.29 | -0.41 | |
| | 0.45 | -0.07 1.45 | 0.41 2.65 | 2.2 | | | | | | |
| GENE1078X | 15392_at | 15392_at | 1 | 0.71 | 0.24 | 1.41 | 1.72 | -0.14 | -0.21 | |
| | 0.12 | -0.06 1.31 | 0.86 2.23 | 2.74 | | | | | | |
| GENE2038X | 18508_at | 18508_at | 1 | 0.06 | 1.38 | 3.04 | 2.28 | -0.3 | -3.07 | - |
| | 0.24 | -0.45 1.74 1.72 | 3.01 2.57 | | | | | | | |
| GENE1971X | 18263_at | 18263_at | 1 | -0.83 | 1.43 | 2.84 | 2.48 | -0.82 | -1.61 | |
| | 0.26 | -0.73 2.33 | 2.19 2.57 | 2.13 | | | | | | |
| GENE1937X | 18126_at | 18126_at | 1 | 0.36 | 1.16 | 1.77 | 1.91 | -0.63 | -1 | - |
| | 0.41 | -0.67 1.14 0.77 | 2.12 1.17 | | | | | | | |
| GENE303X | 12892_g_at | 12892_g_at | 1 | 0.14 | 0.92 | 2.68 | 3.21 | -0.52 | -1.44 | |
| | 0.45 | 0.11 1.58 | 0.81 2.53 | 2.85 | | | | | | |
| GENE302X | 12891_at | 12891_at | 1 | 0.28 | 0.91 | 2.53 | 2.97 | -0.48 | -2.02 | |
| | 0.4 | -0.36 1.48 | 0.79 2.31 | 2.28 | | | | | | |
| GENE196X | 12539_s_at | 12539_s_at | 1 | 0.42 | 0.93 | 2.32 | 2.31 | -0.28 | -1.33 | |
| | 0.43 | -0.03 1.67 | 1.17 2.03 | 1.76 | | | | | | |
| GENE264X | 12772_at | 12772_at | 1 | 0.01 | 0.41 | 1.3 | 2.08 | -0.1 | -1.18 | - |
| | 0.18 | -1.32 1.5 0.94 | 2.29 1.88 | | | | | | | |
| GENE258X | 12760_g_at | 12760_g_at | 1 | 0.06 | 0.36 | 1.3 | 1.82 | 0.19 | -1.1 | - |
| | 0.28 | -1.58 1.56 1 | 1.92 1.37 | | | | | | | |
| GENE50X | 12123_at | 12123_at | 1 | 0 | 0.74 | 1.71 | 1.47 | -0.37 | -1.04 | - |
| | 0.41 | -1.48 1.28 0.62 | 1.58 1.49 | | | | | | | |
| GENE592X | 13687_s_at | 13687_s_at | 1 | 0.26 | 0.26 | 0.68 | 0.65 | 0.24 | -1.03 | - |
| | 0.12 | -0.6 1.06 0.63 | 1.04 1.06 | | | | | | | |

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|-----------|------------|------------|------|-------|-------|------|------|-------|-------|---|
| GENE1560X | 16807_at | 16807_at | 1 | 1.12 | 0.52 | 1.08 | 1.45 | -0.25 | -0.18 | - |
| 0.28 | -0.34 | 0.94 | 1.16 | 0.59 | 0.81 | | | | | |
| GENE176X | 12490_at | 12490_at | 1 | 0.54 | 0.41 | 1.17 | 1.25 | -0.19 | 0.13 | - |
| 0.09 | -0.7 | 1.03 | 1.4 | 0.3 | 0.61 | | | | | |
| GENE1799X | 17627_at | 17627_at | 1 | 0.32 | 0.26 | 1.06 | 0.77 | -0.63 | -0.29 | - |
| 0.42 | -0.52 | 0.64 | 0.52 | 0.39 | 0.52 | | | | | |
| GENE2606X | 20382_s_at | 20382_s_at | 1 | 0.2 | 0.47 | 1.07 | 0.86 | -0.31 | -0.26 | - |
| 0.36 | 0.01 | 0.82 | 0.87 | 0.04 | 0.19 | | | | | |
| GENE443X | 13255_i_at | 13255_i_at | 1 | 0.34 | 1.15 | 2.66 | 2.7 | 0.75 | -1.62 | - |
| 0.24 | -2.47 | 2.8 | 1.98 | 1.82 | 0.2 | | | | | |
| GENE444X | 13256_s_at | 13256_s_at | 1 | -0.44 | 0.7 | 2.11 | 1.94 | 0.38 | -1.11 | - |
| 0.2 | -1.49 | 2.17 | 1.44 | 1.22 | 0 | | | | | |
| GENE876X | 14763_at | 14763_at | 1 | -0.65 | 1.18 | 2.62 | 2.22 | 0.32 | -0.62 | |
| 0.09 | -1.68 | 2.47 | 2.35 | 1.68 | 1.67 | | | | | |
| GENE1989X | 18287_at | 18287_at | 1 | 0.24 | 1.1 | 1.92 | 1.99 | -0.19 | -0.75 | - |
| 0.28 | -1.63 | 1.4 | 1.22 | 1.18 | 0.75 | | | | | |
| GENE2636X | 20463_s_at | 20463_s_at | 1 | 1.34 | 1.39 | 1.8 | 1.61 | 0.4 | -0.46 | - |
| 0.52 | -1.06 | 1.4 | 0.94 | 0.83 | 0.62 | | | | | |
| GENE120X | 12305_i_at | 12305_i_at | 1 | 0.96 | 2.48 | 2.23 | 1.35 | 0.66 | -0.92 | |
| 0.65 | -1.58 | 2.23 | 2.06 | 1.23 | 0.79 | | | | | |
| GENE643X | 13963_at | 13963_at | 1 | 1.67 | 2.53 | 3.17 | 1.58 | 1.11 | -0.77 | |
| 0.26 | -2.32 | 1.97 | 2.08 | 1.08 | 0.91 | | | | | |
| GENE1314X | 16054_s_at | 16054_s_at | 1 | 0.53 | 1.15 | 1.37 | 0.98 | 0.36 | -0.62 | |
| 0.02 | -1.37 | 1.09 | 0.7 | 0.87 | 0.72 | | | | | |
| GENE2574X | 20287_at | 20287_at | 1 | 0.88 | 1.57 | 1.64 | 1.02 | 1.26 | -1.17 | - |
| 0.18 | -1.92 | 2.01 | 1.67 | 0.96 | 0.71 | | | | | |
| GENE427X | 13219_at | 13219_at | 1 | 1.28 | 1.89 | 1.92 | 1.25 | 1.39 | -0.31 | - |
| 0.25 | -2.17 | 2.21 | 1.63 | 0.93 | 0.4 | | | | | |
| GENE704X | 14134_at | 14134_at | 1 | 0.19 | 0.59 | 0.96 | 0.59 | 0.15 | -0.91 | - |
| 0.15 | -1.17 | 1 | 0.76 | 0.54 | 0.38 | | | | | |
| GENE1958X | 18228_at | 18228_at | 1 | 0.58 | 1.11 | 1.63 | 2.04 | -0.37 | -1.65 | - |
| 1.1 | -2.83 | 1.68 | 1.52 | 0.87 | 0.25 | | | | | |
| GENE285X | 12805_s_at | 12805_s_at | 1 | 0.63 | 1.26 | 1.31 | 1.61 | -0.17 | -1.52 | - |
| 0.58 | -1.53 | 1.09 | 0.9 | 0.42 | 0.53 | | | | | |
| GENE1967X | 18253_s_at | 18253_s_at | 1 | 0.4 | 0.98 | 1.66 | 1.7 | 0.08 | -0.97 | - |
| 1.04 | -1.67 | 1.59 | 1.39 | 1.06 | 0.3 | | | | | |
| GENE872X | 14744_at | 14744_at | 1 | 0.36 | 0.51 | 1.71 | 2.1 | 0.2 | -0.53 | - |
| 1.41 | -1.58 | 1.65 | 1.54 | 0.66 | 0.22 | | | | | |
| GENE1066X | 15367_at | 15367_at | 1 | 0.55 | 0.65 | 1 | 1.61 | -0.35 | -0.61 | - |
| 0.76 | -1.35 | 1.47 | 1.14 | 0.25 | 0.06 | | | | | |
| GENE616X | 13880_s_at | 13880_s_at | 1 | 0.47 | 0.47 | 0.76 | 1.42 | 0.45 | -0.38 | - |
| 0.52 | -1.48 | 1.52 | 1.53 | 0.92 | 0.93 | | | | | |
| GENE1261X | 15919_at | 15919_at | 1 | 0.23 | 1.01 | 1.84 | 1.83 | 0.85 | -0.5 | - |
| 0.06 | -1.7 | 2.64 | 2.2 | 0.88 | 0.35 | | | | | |
| GENE702X | 14122_at | 14122_at | 1 | 0.21 | 0.4 | 1.42 | 0.92 | 0.18 | -0.2 | - |
| 0.04 | -0.95 | 1.95 | 1.79 | 0.44 | 0.34 | | | | | |
| GENE1222X | 15815_at | 15815_at | 1 | 0.56 | 0.56 | 0.75 | 0.7 | 0.24 | -0.22 | |
| 0.02 | -0.64 | 1.05 | 1.31 | 0.1 | 0.37 | | | | | |
| GENE1859X | 17925_at | 17925_at | 1 | -0.18 | 0.33 | 0.47 | 0.14 | 0.32 | -0.05 | - |
| 0.31 | -0.82 | 1.04 | 0.93 | 0.17 | 0.13 | | | | | |
| GENE2557X | 20246_s_at | 20246_s_at | 1 | -0.19 | 1.05 | 1.25 | 0.73 | 0.4 | -0.29 | - |
| 0.28 | -1.15 | 1.5 | 1.4 | 0.14 | -0.06 | | | | | |
| GENE1410X | 16342_at | 16342_at | 1 | 1.01 | 0.85 | 1.16 | 1.01 | 0.53 | -0.16 | - |
| 0.35 | -2.28 | 1.98 | 1.72 | 0.51 | 0.2 | | | | | |
| GENE1598X | 16972_at | 16972_at | 1 | 1.13 | 1.38 | 1.36 | 1.36 | 0.52 | -0.3 | - |
| 0.44 | -1.54 | 1.49 | 1.42 | 0.1 | 0.08 | | | | | |

| | | | | | | | | | | |
|-----------|------------|------------|-------|-------|-------|-------|-------|-------|-------|---|
| GENE2258X | 19207_at | 19207_at | 1 | 0.96 | 1.35 | 1.33 | 1.31 | 0.48 | -0.11 | - |
| | 0.47 | -1.63 | 1.58 | 1.48 | 0.04 | -0.43 | | | | |
| GENE1943X | 18174_at | 18174_at | 1 | 0.66 | 0.66 | 1 | 1.27 | 0.93 | 0.52 | - |
| | 0.46 | -1.35 | 1.17 | 1.38 | 0.3 | 0.43 | | | | |
| GENE2570X | 20281_at | 20281_at | 1 | 0 | -0.05 | 0.46 | 0.63 | -0.05 | -0.61 | - |
| | 0.38 | -0.33 | 1.04 | 0.97 | -0.17 | 0.35 | | | | |
| GENE1825X | 17841_at | 17841_at | 1 | 0.03 | 0.09 | 0.45 | 0.66 | -0.08 | -0.75 | - |
| | 0.57 | -1.14 | 0.77 | 0.77 | -0.22 | -0.07 | | | | |
| GENE1079X | 15403_s_at | 15403_s_at | 1 | 0.72 | 0.9 | 0.72 | 1.08 | 0.09 | -1.32 | - |
| | 0.96 | -1.61 | 1.55 | 1.37 | -0.29 | 0.15 | | | | |
| GENE360X | 13102_at | 13102_at | 1 | 0.21 | 0.39 | 1.02 | 0.26 | -0.26 | -0.22 | - |
| | 0.05 | 0.09 | 0.38 | 0.45 | 0.41 | 0.6 | | | | |
| GENE1578X | 16907_at | 16907_at | 1 | 0.04 | 0.58 | 0.69 | 0.12 | -0.58 | -0.29 | - |
| | 0.27 | 0.04 | -0.23 | 1.15 | 0.27 | 1 | | | | |
| GENE2471X | 19992_at | 19992_at | 1 | -0.83 | 0.87 | 1.35 | 0.91 | -1 | -1.47 | - |
| | 0.37 | -1 | 1.26 | 1.16 | 1.59 | 1.34 | | | | |
| GENE1815X | 17752_at | 17752_at | 1 | -0.23 | 0.85 | 1.09 | 0.49 | -0.47 | -0.7 | - |
| | 0.34 | -0.72 | 0.49 | 0.65 | 0.56 | 0.43 | | | | |
| GENE797X | 14553_at | 14553_at | 1 | -1.09 | 0.85 | 1.77 | 1.88 | -1.15 | -1.83 | |
| | 0.44 | -1.7 | 0.5 | 0.72 | 2.15 | 2.22 | | | | |
| GENE1995X | 18300_at | 18300_at | 1 | -0.21 | 0.41 | 0.98 | 0.76 | -1.23 | -1.47 | - |
| | 0.39 | -0.93 | -0.09 | -0.03 | 0.71 | 1.01 | | | | |
| GENE1994X | 18298_at | 18298_at | 1 | 0.03 | 0.7 | 1.03 | 0.65 | -0.08 | 0.55 | - |
| | 0.44 | -1 | 0.16 | 0.95 | 0.87 | 1.13 | | | | |
| GENE1863X | 17933_at | 17933_at | 1 | 0.55 | 0.36 | 0.28 | 0.55 | -0.28 | 0.44 | - |
| | 0.78 | -1.02 | 0.35 | 0.23 | 0.02 | 0.43 | | | | |
| GENE2281X | 19322_at | 19322_at | 1 | -0.04 | 0.71 | 0.16 | -0.43 | 0.07 | -0.08 | - |
| | 0.33 | -1.56 | 0.44 | 0.62 | 0.21 | 0.49 | | | | |
| GENE620X | 13902_at | 13902_at | 1 | 0 | 0.34 | 0.42 | -0.27 | 0.08 | -0.34 | - |
| | 0.33 | -1.12 | 0.81 | 1.06 | 0.08 | 0.48 | | | | |
| GENE267X | 12776_at | 12776_at | 1 | 0.63 | -0.19 | -0.31 | 0.86 | 0.08 | 0.54 | |
| | 0.19 | 0.37 | 0.14 | 0.77 | 0.34 | 1.1 | | | | |
| GENE1455X | 16467_s_at | 16467_s_at | 1 | 0.08 | -0.14 | 0.28 | 0.49 | -0.34 | 1.01 | |
| | 0.06 | 0.39 | 0.36 | 0.74 | 0.15 | 0.38 | | | | |
| GENE1199X | 15680_s_at | 15680_s_at | 1 | 0.18 | 0.58 | 2.08 | 2.9 | 1.23 | 1.16 | |
| | 1.26 | 1.63 | 2.1 | 2.04 | 1.59 | 1.67 | | | | |
| GENE1703X | 17379_at | 17379_at | 1 | -0.46 | 0.29 | 2.8 | 2.98 | 0.72 | 0.88 | |
| | 1.21 | 1.15 | 2.32 | 2.07 | 1.92 | 1.79 | | | | |
| GENE1087X | 15424_at | 15424_at | 1 | 0 | 0 | 5.09 | 5.17 | 2.88 | 0 | |
| | 2.92 | 2.48 | 4.33 | 3.67 | 3.63 | 3.63 | | | | |
| GENE609X | 13834_at | 13834_at | 1 | 0.45 | 0.8 | 2.83 | 3.64 | 1.05 | -0.7 | |
| | 3.03 | 1.84 | 2.3 | 2.1 | 3.32 | 3.35 | | | | |
| GENE709X | 14250_r_at | 14250_r_at | 1 | 0.49 | 1.2 | 2.9 | 2.64 | 0.69 | 0.74 | |
| | 2.29 | 1.63 | 1.68 | 1.35 | 2.49 | 2.29 | | | | |
| GENE708X | 14249_i_at | 14249_i_at | 1 | 0.33 | 0.89 | 2.41 | 2.29 | 0.41 | 0.71 | |
| | 1.86 | 1.34 | 1.55 | 1.17 | 2.11 | 2.06 | | | | |
| GENE406X | 13177_at | 13177_at | 1 | 0.36 | 0.42 | 2.49 | 2.54 | 0.44 | 0.18 | |
| | 1.61 | 1.17 | 1.6 | 1.3 | 1.99 | 1.87 | | | | |
| GENE2060X | 18591_at | 18591_at | 1 | -0.45 | 0.67 | 1.93 | 1.98 | 0.08 | 0.22 | |
| | 1.41 | 1.43 | 1.67 | 1.41 | 2.48 | 2.35 | | | | |
| GENE1625X | 17047_at | 17047_at | 1 | -0.48 | 0.71 | 1.8 | 1.36 | 0.56 | 0.24 | |
| | 1.12 | 0.93 | 1.18 | 1 | 1.76 | 1.3 | | | | |
| GENE1843X | 17894_at | 17894_at | 1 | -0.05 | 1.23 | 2.33 | 1.97 | 0.37 | 0.18 | |
| | 1.5 | 0.65 | 1.78 | 1.6 | 2.41 | 2.53 | | | | |
| GENE333X | 13015_s_at | 13015_s_at | 1 | 0.68 | 0.98 | 3.37 | 3.3 | 0.21 | 0.13 | |
| | 2.17 | 1.49 | 2.91 | 2.75 | 3.91 | 3.71 | | | | |

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|-----------|------------|------------|-----------|-------|-------|------|------|------|-------|---|--|
| GENE1215X | 15779_g_at | 15779_g_at | 1 | 0.18 | 0.55 | 3.16 | 3.42 | 0.95 | 0.23 | | |
| | 2.35 | 0.83 3.25 | 3.04 3.64 | 3.58 | | | | | | | |
| GENE1515X | 16609_at | 16609_at | 1 | 0.49 | 0.3 | 1.37 | 1.23 | 1.51 | 0.75 | | |
| | 1.34 | 1.34 1.42 | 1.44 2.73 | 2.53 | | | | | | | |
| GENE1818X | 17775_at | 17775_at | 1 | 0.78 | 1.11 | 2.84 | 3.54 | 1.36 | 0.91 | | |
| | 2.8 | 1.68 3.69 | 3.52 5.05 | 5.28 | | | | | | | |
| GENE2712X | 20686_at | 20686_at | 1 | 0.51 | 0.65 | 1.78 | 1.76 | 0.28 | 0.76 | | |
| | 1.62 | 1.24 2.16 | 2.17 3.14 | 3.52 | | | | | | | |
| GENE2517X | 20144_at | 20144_at | 1 | 0.67 | 0.53 | 1.88 | 1.86 | 0.54 | 0.66 | | |
| | 2.38 | 1.97 2.57 | 2.11 3.38 | 3.18 | | | | | | | |
| GENE2410X | 19835_at | 19835_at | 1 | 0.59 | 0.07 | 0.65 | 0.84 | 0.45 | 0.42 | | |
| | 1.08 | 0.95 1.21 | 1.11 1.51 | 1.55 | | | | | | | |
| GENE466X | 13312_at | 13312_at | 1 | 0.26 | 0 | 3.8 | 4.56 | 2.06 | 1.71 | | |
| | 3.4 | 2.67 4.04 | 4 4.91 | 4.83 | | | | | | | |
| GENE437X | 13246_at | 13246_at | 1 | -0.2 | -0.15 | 1.63 | 1.98 | 0.51 | 0.69 | 1 | |
| | 1.34 | 1.53 1.63 | 2 2.27 | | | | | | | | |
| GENE1805X | 17653_at | 17653_at | 1 | -0.58 | 0.25 | 3.26 | 2.23 | 1.19 | 0.64 | | |
| | 2.58 | 1.5 2.91 | 2.85 3.38 | 3.47 | | | | | | | |
| GENE425X | 13217_s_at | 13217_s_at | 1 | -0.08 | -0.04 | 1.57 | 2.07 | 1.15 | 0.42 | | |
| | 2.25 | 1.39 1.67 | 1.94 2.27 | 2.36 | | | | | | | |
| GENE594X | 13703_at | 13703_at | 1 | 0.28 | -0.16 | 1.78 | 1.91 | 0.58 | 0.48 | | |
| | 1.45 | 1 2.67 | 2.07 3.08 | 2.88 | | | | | | | |
| GENE2150X | 18820_at | 18820_at | 1 | -0.02 | 0.05 | 0.93 | 0.94 | 0.27 | 0.1 | | |
| | 0.8 | 0.29 1.42 | 1.22 1.22 | 1.36 | | | | | | | |
| GENE225X | 12626_at | 12626_at | 1 | 0.42 | 0.46 | 1.48 | 1.91 | 0.06 | 0.54 | | |
| | 1.62 | 0.54 1.73 | 2.06 2.88 | 1.54 | | | | | | | |
| GENE2042X | 18544_at | 18544_at | 1 | -0.32 | 0.88 | 2.32 | 1.82 | 0.65 | 0.61 | | |
| | 1.48 | 0.56 3.2 | 2.88 3.39 | 3.17 | | | | | | | |
| GENE1975X | 18267_at | 18267_at | 1 | 0.51 | 1.05 | 3.18 | 2.77 | 0.88 | 0.84 | | |
| | 2.01 | 0.02 3.92 | 4.02 4.27 | 4.36 | | | | | | | |
| GENE630X | 13920_at | 13920_at | 1 | 0.39 | 0.49 | 2.21 | 2.29 | 0.7 | 0.16 | | |
| | 1.36 | 0.65 3.1 | 3.05 3.21 | 3.21 | | | | | | | |
| GENE1695X | 17352_at | 17352_at | 1 | 0.29 | 0.57 | 1.45 | 1.53 | 0.5 | 0.25 | | |
| | 0.88 | 0.34 2.31 | 2.3 2.08 | 2.17 | | | | | | | |
| GENE1528X | 16638_at | 16638_at | 1 | 0.91 | 1.53 | 2.95 | 2.13 | 1.73 | 0.87 | | |
| | 2.14 | 1.03 5.02 | 4.56 4.59 | 4.21 | | | | | | | |
| GENE1819X | 17781_at | 17781_at | 1 | 0.44 | 0.86 | 2.26 | 1.75 | 1.75 | 0.62 | | |
| | 2.71 | 0.91 3.91 | 4.11 4.19 | 3.55 | | | | | | | |
| GENE1817X | 17758_at | 17758_at | 1 | 0.37 | 1.29 | 2.88 | 1.94 | 1.2 | -0.16 | | |
| | 2.53 | 0.28 3.6 | 3.45 3.3 | 3.37 | | | | | | | |
| GENE2676X | 20587_at | 20587_at | 1 | 0.79 | 0.41 | 1 | 1.34 | 0.08 | 0 | | |
| | 0.71 | 0.51 1.77 | 1.67 1.54 | 1.55 | | | | | | | |
| GENE36X | 12081_at | 12081_at | 1 | 1 | 1.02 | 1.38 | 1.18 | 0.52 | 0.62 | | |
| | 0.73 | 0.44 1.92 | 2.14 2.8 | 2.52 | | | | | | | |
| GENE1790X | 17585_s_at | 17585_s_at | 1 | 0.55 | 0.81 | 1.69 | 1.33 | 0.11 | 0.36 | | |
| | 0.92 | 0.19 2.18 | 2 2.38 | 2.78 | | | | | | | |
| GENE1212X | 15775_at | 15775_at | 1 | 0.6 | 1.19 | 2.97 | 2.92 | 2.24 | 1.77 | | |
| | 2.98 | 2.95 3.13 | 2.6 2.61 | 2.75 | | | | | | | |
| GENE1380X | 16232_s_at | 16232_s_at | 1 | 0.94 | 1.05 | 3.13 | 3.45 | 2.21 | 2.14 | | |
| | 2.39 | 3.12 2.65 | 2.87 3.45 | 4.01 | | | | | | | |
| GENE1591X | 16952_s_at | 16952_s_at | 1 | 0.74 | 0.53 | 1.44 | 1.65 | 0.71 | 0.46 | | |
| | 1.38 | 1.01 1.27 | 1.21 1.38 | 1.47 | | | | | | | |
| GENE1590X | 16951_i_at | 16951_i_at | 1 | 0.53 | 0.2 | 0.82 | 1.25 | 0.45 | 0.42 | | |
| | 1.01 | 0.94 0.92 | 0.87 0.74 | 0.98 | | | | | | | |
| GENE1951X | 18217_g_at | 18217_g_at | 1 | 0.62 | 1.39 | 3.37 | 3.48 | 1.51 | 1.86 | | |
| | 2.94 | 3.18 1.82 | 1.69 3.29 | 3.22 | | | | | | | |

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|-----------|------------|------------|-----------|-------|-------|------|-------|-------|------|
| GENE1950X | 18216_at | 18216_at | 1 | 0.83 | 1.27 | 2.82 | 3.09 | 1.27 | 1.63 |
| | 2.99 | 2.98 1.76 | 1.47 3.22 | 3.1 | | | | | |
| GENE2276X | 19263_at | 19263_at | 1 | 0.58 | 0.7 | 2.61 | 2.55 | 0.77 | 1.19 |
| | 2.38 | 2.18 2.02 | 1.68 3.27 | 2.83 | | | | | |
| GENE2532X | 20182_at | 20182_at | 1 | 0.46 | 0.32 | 1.15 | 1.2 | 0.04 | 0.4 |
| | 0.96 | 0.95 0.88 | 0.88 1.19 | 1.22 | | | | | |
| GENE2026X | 18437_at | 18437_at | 1 | 1.18 | 0.58 | 0.95 | 1.18 | 0.68 | 0.63 |
| | 2.5 | 1.41 1.61 | 1.76 2.05 | 1.22 | | | | | |
| GENE2545X | 20214_i_at | 20214_i_at | 1 | 0.32 | 0.52 | 0.84 | 1.1 | 0.74 | 0.86 |
| | 1.65 | 1.32 0.67 | 1.76 1.54 | 1.05 | | | | | |
| GENE1189X | 15665_at | 15665_at | 1 | 0.6 | 0.89 | 2.45 | 2.64 | 0.67 | 0.92 |
| | 3.51 | 3.74 1.11 | 0.92 3.91 | 3.72 | | | | | |
| GENE2223X | 19110_s_at | 19110_s_at | 1 | 0.58 | -0.26 | 2 | 1.11 | 0.29 | 2.13 |
| | 2.64 | 3.45 1.82 | 2.05 3.24 | 3.72 | | | | | |
| GENE2145X | 18782_at | 18782_at | 1 | 0.11 | 0.22 | 0.65 | 0.75 | 0.03 | 0.79 |
| | 0.76 | 1.46 0.61 | 0.71 1.11 | 1.19 | | | | | |
| GENE239X | 12711_f_at | 12711_f_at | 1 | 0 | 0 | 2.26 | 0 | 0.15 | 0.91 |
| | 2.52 | 1.75 3.55 | 3.47 3.68 | 3.88 | | | | | |
| GENE238X | 12710_i_at | 12710_i_at | 1 | 0.26 | 0 | 2.07 | 0.48 | 0.73 | 0.87 |
| | 1.85 | 1.85 3.48 | 3.58 3.19 | 3.61 | | | | | |
| GENE600X | 13789_at | 13789_at | 1 | -0.72 | -0.18 | 1.65 | 1.25 | 0.24 | 1.04 |
| | 2.82 | 1.75 3.8 | 3.7 5 | 5.09 | | | | | |
| GENE1000X | 15132_s_at | 15132_s_at | 1 | 0.05 | 0 | 0.8 | 0.65 | 0.14 | 0.27 |
| | 1.11 | 0.65 2.24 | 1.95 2.42 | 2.6 | | | | | |
| GENE1851X | 17907_s_at | 17907_s_at | 1 | 0 | 0.84 | 1.26 | 0 | 1.58 | 0.67 |
| | 3.32 | 2.53 4 | 4.26 5.24 | 5.17 | | | | | |
| GENE445X | 13259_s_at | 13259_s_at | 1 | 0.2 | 0.34 | 0.24 | -0.16 | 0.41 | 0.06 |
| | 1.12 | 0.72 1.54 | 1.33 2.02 | 1.98 | | | | | |
| GENE1317X | 16058_s_at | 16058_s_at | 1 | -0.04 | 0.28 | 0.32 | -0.2 | 0.95 | 0.55 |
| | 1.59 | 1.14 1.7 | 1.61 2.48 | 2.36 | | | | | |
| GENE1112X | 15487_at | 15487_at | 1 | 0 | 0.3 | 0.18 | -0.38 | 0.7 | 0.65 |
| | 1.61 | 1.39 2 | 1.7 2.46 | 2.32 | | | | | |
| GENE1544X | 16701_at | 16701_at | 1 | 0 | 0 | 0 | 0 | 0.84 | 1.26 |
| | 2.26 | 1.58 3.56 | 3.82 4.75 | 4.4 | | | | | |
| GENE1301X | 16027_s_at | 16027_s_at | 1 | -0.23 | 0.07 | 0.17 | -0.07 | 0.2 | 0.3 |
| | 0.45 | 0.46 1 | 1.26 1.37 | 1.38 | | | | | |
| GENE737X | 14417_at | 14417_at | 1 | -0.1 | 0.16 | 0.2 | 0 | 0.15 | 0.23 |
| | 0.39 | 0.29 0.57 | 0.65 1.03 | 0.99 | | | | | |
| GENE326X | 12989_at | 12989_at | 1 | 0 | 0 | 2.96 | 0 | -0.85 | 0.43 |
| | 4.52 | 4.13 3.57 | 4.55 7.94 | 8.14 | | | | | |
| GENE1149X | 15582_s_at | 15582_s_at | 1 | 0.01 | 0.47 | 0.85 | 0.62 | 0.06 | 0.13 |
| | 1.44 | 1.4 1.63 | 1.77 2.63 | 2.74 | | | | | |
| GENE1762X | 17521_at | 17521_at | 1 | 1.06 | 0.68 | 1.04 | 0.77 | 0.74 | 1.37 |
| | 1.5 | 0.9 1.16 | 1.23 2.38 | 2 | | | | | |
| GENE529X | 13560_at | 13560_at | 1 | 0.49 | -0.01 | 0.26 | 0.12 | 0.57 | 0.42 |
| | 0.74 | 0.47 0.6 | 0.65 1.21 | 1.03 | | | | | |
| GENE1823X | 17824_s_at | 17824_s_at | 1 | 0.32 | 0.7 | 1.45 | 0.58 | 0.32 | 1.32 |
| | 1.34 | 1.93 2.08 | 1.58 2.88 | 2.34 | | | | | |
| GENE2484X | 20023_at | 20023_at | 1 | 0.37 | 0.43 | 0.49 | 0.55 | -0.11 | 0.29 |
| | 1.68 | 1.87 1.5 | 1.14 2.47 | 1.95 | | | | | |
| GENE2613X | 20393_at | 20393_at | 1 | 0.36 | 0.41 | 0.22 | 0.5 | 0.15 | 0.85 |
| | 1.2 | 1 0.7 | 1.1 1.58 | 1.35 | | | | | |
| GENE1041X | 15211_s_at | 15211_s_at | 1 | 0.25 | 0.1 | 0.3 | 0.42 | 0.34 | 0.59 |
| | 0.5 | 0.72 0.54 | 0.64 1.1 | 1.01 | | | | | |
| GENE2579X | 20297_at | 20297_at | 1 | 0.48 | 0.67 | 1.37 | 0.84 | 1.22 | 1.41 |
| | 3.71 | 3.7 3.14 | 3.14 4.03 | 3.82 | | | | | |

| | | | | | | | | | |
|-----------|------------|------------|-----------|-------|------|------|---------|------|-------|
| GENE970X | 15088_at | 15088_at | 1 | 0.21 | 0.73 | 0.8 | 0.05 | 1.08 | 1.19 |
| | 2.03 | 2.07 1.54 | 2.01 2.48 | 2.05 | | | | | |
| GENE2452X | 19944_at | 19944_at | 1 | 0.83 | 0.37 | 0.26 | 0.62 | 1.25 | 1.44 |
| | 2.29 | 1.88 2.17 | 2.22 3.03 | 2.61 | | | | | |
| GENE1263X | 15921_s_at | 15921_s_at | 1 | 0.86 | 0.39 | 0.27 | 0.03 | 1.13 | 1.21 |
| | 2.09 | 1.7 1.96 | 1.81 2.46 | 2.17 | | | | | |
| GENE1699X | 17371_at | 17371_at | 1 | -0.26 | 1.93 | 2.22 | 1.41 | 1.92 | 0.7 |
| | 3.35 | 1.87 3.8 | 3.33 3.87 | 3.74 | | | | | |
| GENE2163X | 18889_at | 18889_at | 1 | -0.1 | 1.23 | 1.58 | 0.83 | 0.8 | 0.32 |
| | 2.58 | 1.58 2.83 | 2.88 3.45 | 3.29 | | | | | |
| GENE2205X | 18980_at | 18980_at | 1 | -0.02 | 0.17 | 0.64 | 0.73 | 0.59 | 0.38 |
| | 1.57 | 0.92 2.01 | 1.54 2.19 | 1.54 | | | | | |
| GENE1966X | 18252_at | 18252_at | 1 | 0.46 | 0.28 | 0.36 | 0.34 | 0.45 | 0.15 |
| | 0.8 | 0.74 1 | 1.07 1.36 | 0.84 | | | | | |
| GENE316X | 12951_at | 12951_at | 1 | 0.1 | 0.28 | 0.48 | 0.32 | 0.45 | 0.07 |
| | 0.55 | 0.86 1.11 | 1.11 1.06 | 0.75 | | | | | |
| GENE2367X | 19640_at | 19640_at | 1 | 0.13 | 1.98 | 2.86 | 0.89 | 2.51 | 2.11 |
| | 3.19 | 2.54 4.21 | 4.11 4.15 | 3.86 | | | | | |
| GENE2063X | 18596_at | 18596_at | 1 | 0.72 | 0.95 | 1.15 | 0.48 | 1.48 | 0.79 |
| | 1.89 | 1.41 2.33 | 2.27 2.44 | 1.83 | | | | | |
| GENE332X | 13014_at | 13014_at | 1 | 0.28 | 0.99 | 1 | 0.48 | 1.12 | 1.08 |
| | 1.97 | 1.56 2.86 | 2.89 2.74 | 2.74 | | | | | |
| GENE2230X | 19132_at | 19132_at | 1 | 0.08 | 0.55 | 0.4 | 0 | 0.43 | 0.24 |
| | 0.99 | 0.93 1.43 | 1.3 1.29 | 1.21 | | | | | |
| GENE2369X | 19642_at | 19642_at | 1 | 0.27 | 0.61 | 0.49 | 0.06 | 0.53 | 0.25 |
| | 0.87 | 0.78 1 | 0.81 1.22 | 1.21 | | | | | |
| GENE125X | 12314_at | 12314_at | 1 | 1.13 | 2.26 | 1.26 | 1 | 1.41 | -0.26 |
| | 2.8 | 1.26 3.64 | 3.64 4.23 | 4.26 | | | | | |
| GENE1607X | 16995_at | 16995_at | 1 | 0.86 | 1.45 | 1.28 | 1.4 | 1.15 | 0.28 |
| | 1.84 | 1.37 2.76 | 2.78 4.13 | 3.35 | | | | | |
| GENE1749X | 17482_at | 17482_at | 1 | 0.53 | 0.37 | 0.52 | 0.4 | 0.16 | 0.38 |
| | 0.67 | 0.52 1.43 | 1.2 1.43 | 1.44 | | | | | |
| GENE2091X | 18659_at | 18659_at | 1 | 0.51 | 0.28 | 0.32 | 0.42 | 0.22 | 0.17 |
| | 0.42 | 0.31 0.89 | 0.64 0.99 | 1.01 | | | | | |
| GENE393X | 13154_s_at | 13154_s_at | 1 | -1 | 1.72 | 3.32 | 2.13 | 1.33 | 0.85 |
| | 2.71 | 3.06 2.6 | 2.29 4.24 | 4.16 | | | | | |
| GENE1872X | 17952_at | 17952_at | 1 | 0.03 | 0.62 | 1.01 | 0.66 | 0.55 | 0.48 |
| | 1.2 | 1.17 1.16 | 0.91 1.38 | 1.12 | | | | | |
| GENE846X | 14667_at | 14667_at | 1 | 0.13 | 0.63 | 0.93 | 0.71 | 0.55 | 0.73 |
| | 0.94 | 1.19 0.86 | 0.73 1.5 | 1.43 | | | | | |
| GENE699X | 14116_at | 14116_at | 1 | 0.24 | 1.13 | 1.46 | 0.44 | 0.6 | 0.63 |
| | 1.05 | 1.03 1.05 | 0.78 1.41 | 1.39 | | | | | |
| GENE2358X | 19614_at | 19614_at | 1 | 0 | 1.26 | 2 | 0.26 | 1.78 | 1.23 |
| | 1.9 | 1.85 1.7 | 1.9 2.14 | 2.51 | | | | | |
| GENE435X | 13243_r_at | 13243_r_at | 1 | 0.87 | 1.84 | 2.17 | 0.45 | 3.23 | 3.13 |
| | 3.2 | 3.19 3.94 | 2.7 3.67 | 3.14 | | | | | |
| GENE1662X | 17179_at | 17179_at | 1 | 0 | 1.76 | 2.63 | 0.84 | 2.88 | 2.88 |
| | 2.76 | 2.53 3.03 | 2.07 3.37 | 3.03 | | | | | |
| GENE1613X | 17008_at | 17008_at | 1 | -0.55 | 0.87 | 1.67 | 0.16 | 1.74 | 2.48 |
| | 1.82 | 2.09 2.55 | 2.71 1.82 | 1.94 | | | | | |
| GENE416X | 13189_s_at | 13189_s_at | 1 | -0.34 | 0.74 | 1.17 | 0.00581 | | 0.97 |
| | 0.99 | 1.46 1.22 | 1.94 1.74 | 1.55 | 1.51 | | | | |
| GENE1602X | 16981_s_at | 16981_s_at | 1 | -0.18 | 0.8 | 1.26 | -0.17 | 0.89 | 1.37 |
| | 1.4 | 1.18 1.61 | 1.75 1.5 | 1.45 | | | | | |
| GENE414X | 13187_i_at | 13187_i_at | 1 | -0.29 | 0.93 | 1.3 | -0.22 | 0.79 | 0.71 |
| | 1.2 | 0.87 1.6 | 1.58 1.23 | 1.25 | | | | | |

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|-----------|------------|------------|-----------|-------|-------|------|------|-------|-------|---|
| GENE2641X | 20479_i_at | 20479_i_at | 1 | -1.67 | -0.67 | 1.28 | 1.83 | 1.5 | 1.32 | |
| | 2.19 | 1.49 2.18 | 2.41 3.37 | 3.3 | | | | | | |
| GENE2642X | 20480_s_at | 20480_s_at | 1 | -1.42 | -0.85 | 1.27 | 1.48 | 1.11 | 1.2 | |
| | 1.48 | 1.34 1.66 | 1.74 2.56 | 2.61 | | | | | | |
| GENE1173X | 15629_s_at | 15629_s_at | 1 | 0 | 0.73 | 0.97 | 0.93 | 0.87 | 1.2 | |
| | 1.63 | 1.32 1.88 | 2.26 2.18 | 2.32 | | | | | | |
| GENE2523X | 20159_at | 20159_at | 1 | 0.64 | 0.54 | 0.93 | 0.87 | 0.65 | 1.34 | |
| | 1.13 | 0.76 1.66 | 1.81 1.83 | 1.93 | | | | | | |
| GENE2522X | 20156_at | 20156_at | 1 | 0.31 | 0.53 | 1.06 | 0.84 | 0.68 | 0.95 | |
| | 1.14 | 0.76 1.96 | 1.96 1.55 | 1.88 | | | | | | |
| GENE1031X | 15192_at | 15192_at | 1 | 0.38 | 0.52 | 0.85 | 0.78 | 1.14 | 1.46 | |
| | 1.55 | 1.28 2.06 | 1.87 1.79 | 1.76 | | | | | | |
| GENE1108X | 15479_at | 15479_at | 1 | 0.33 | 0.63 | 0.93 | 0.69 | 0.72 | 0.95 | |
| | 0.85 | 0.97 1.36 | 1.6 1.14 | 1.34 | | | | | | |
| GENE1941X | 18166_at | 18166_at | 1 | 0 | 0 | 3.82 | 1.84 | 2.42 | 3.34 | |
| | 3.09 | 2.01 4.91 | 5.04 3.7 | 4.08 | | | | | | |
| GENE1321X | 16063_s_at | 16063_s_at | 1 | -0.9 | 0.09 | 3.45 | 2.76 | 3.98 | 3.39 | |
| | 4.67 | 4.89 5 | 5.07 5.76 | 5.38 | | | | | | |
| GENE908X | 14924_at | 14924_at | 1 | -0.52 | 0.41 | 2.16 | 2.04 | 0.91 | 1.54 | |
| | 2.5 | 2.45 2.91 | 3 3.16 | 3.02 | | | | | | |
| GENE1527X | 16635_s_at | 16635_s_at | 1 | 0.29 | 0.31 | 1.13 | 1.02 | 0.86 | 0.65 | |
| | 1.38 | 1.47 1.89 | 1.51 1.48 | 1.65 | | | | | | |
| GENE2360X | 19624_at | 19624_at | 1 | 0.53 | -0.2 | 0.3 | 0.9 | 1.51 | 1.28 | |
| | 1.15 | 1.67 2.63 | 2.61 2.32 | 2.08 | | | | | | |
| GENE10X | 12002_at | 12002_at | 1 | 0.15 | -0.02 | 0.19 | 1.03 | 0.59 | 1.06 | 1 |
| | 1.34 | 1.45 2.11 | 1.95 1.79 | | | | | | | |
| GENE1643X | 17094_s_at | 17094_s_at | 1 | -0.04 | 0.13 | 0.41 | 0.61 | -0.28 | 0.21 | |
| | 0.34 | -0.15 1.4 | 1.45 1.25 | 0.93 | | | | | | |
| GENE1123X | 15517_at | 15517_at | 1 | -0.06 | 0.04 | 0.33 | 0.39 | -0.07 | -0.14 | |
| | 0.39 | 0.39 1.41 | 1.13 0.99 | 1.1 | | | | | | |
| GENE902X | 14900_at | 14900_at | 1 | -0.11 | -0.12 | 0.76 | 1.19 | -0.4 | -0.31 | |
| | 0.54 | 0.28 1.55 | 1.48 1.53 | 1.59 | | | | | | |
| GENE771X | 14498_at | 14498_at | 1 | 0.25 | 0.43 | 0.79 | 0.78 | 0.16 | -0.08 | |
| | 0.63 | 0.08 1.48 | 1.45 1 | 1.11 | | | | | | |
| GENE1002X | 15136_s_at | 15136_s_at | 1 | 0.13 | 0.12 | 0.48 | 0.53 | 0.21 | -0.02 | |
| | 0.28 | 0.21 1.17 | 0.84 0.76 | 0.78 | | | | | | |
| GENE811X | 14591_at | 14591_at | 1 | 0.09 | 0.36 | 1.02 | 0.8 | 0.44 | -0.52 | |
| | 0.7 | 0.51 1.95 | 1.98 1.67 | 1.29 | | | | | | |
| GENE1264X | 15924_at | 15924_at | 1 | 0.3 | 0.25 | 0.13 | 0.36 | 0.23 | -0.13 | |
| | 0.51 | 0.05 2.38 | 1.86 1.38 | 1.19 | | | | | | |
| GENE456X | 13279_at | 13279_at | 1 | 0 | -0.48 | 0.89 | 1.44 | 0.83 | -1 | |
| | 1.54 | 0.73 4.17 | 4.26 3.01 | 1.97 | | | | | | |
| GENE1132X | 15533_at | 15533_at | 1 | 0 | 0 | 2.48 | 2.96 | 0 | 0.67 | |
| | 1.58 | 1.26 3.43 | 3.4 2.63 | 1.67 | | | | | | |
| GENE2555X | 20242_at | 20242_at | 1 | -0.2 | 0.29 | 0.96 | 0.68 | 0.17 | 0.22 | |
| | 0.29 | 0.31 1.14 | 1.17 0.84 | 1.02 | | | | | | |
| GENE1810X | 17702_at | 17702_at | 1 | 0.19 | 0.19 | 1.77 | 1.51 | 0.32 | 0.5 | |
| | 0.47 | -0.06 1.45 | 2.66 1.38 | 1.25 | | | | | | |
| GENE1880X | 17967_at | 17967_at | 1 | 0.53 | 1.41 | 2.15 | 2.11 | 1.32 | 0.7 | |
| | 0.58 | 0.53 2.85 | 3 1.93 | 1.89 | | | | | | |
| GENE768X | 14490_at | 14490_at | 1 | 0.52 | 0.72 | 1.35 | 1.37 | 1 | 0.45 | |
| | 0.62 | 0.44 2.14 | 1.86 1.41 | 1.14 | | | | | | |
| GENE2370X | 19644_at | 19644_at | 1 | 0.49 | 0.57 | 0.97 | 1.59 | 0.92 | 0.16 | |
| | 0.5 | 0.24 1.59 | 1.63 1.34 | 1.39 | | | | | | |
| GENE1548X | 16716_at | 16716_at | 1 | 0.13 | 0.17 | 1.15 | 1.36 | 0.66 | 0.57 | |
| | 0.28 | -0.06 1.93 | 1.76 1.16 | 1.08 | | | | | | |

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|-----------|------------|------------|-----------|-------|-------|------|------|------|------|
| GENE487X | 13437_at | 13437_at | 1 | 0.36 | 0.23 | 0.36 | 0.47 | 0.36 | 0.58 |
| | 0.04 | 0.09 0.93 | 0.84 1.09 | 1.16 | | | | | |
| GENE728X | 14392_g_at | 14392_g_at | 1 | 0.22 | -0.14 | 0.22 | 0.85 | 0.42 | 0.89 |
| | 0.24 | 0.05 0.98 | 1.14 0.74 | 0.79 | | | | | |
| GENE874X | 14750_s_at | 14750_s_at | 1 | 1.84 | 2.2 | 2.96 | 2.96 | 2.84 | 1.76 |
| | 3.07 | 1.89 4.58 | 3.67 3.98 | 3.73 | | | | | |
| GENE2092X | 18660_at | 18660_at | 1 | 1.55 | 1.52 | 1.88 | 1.93 | 1.6 | 0.96 |
| | 1.83 | 1.18 3.28 | 2.87 2.8 | 2.78 | | | | | |
| GENE2415X | 19845_g_at | 19845_g_at | 1 | 0.89 | 1.01 | 1.44 | 1.32 | 1.42 | 0.79 |
| | 1.19 | 0.63 2.36 | 2.11 1.96 | 1.49 | | | | | |
| GENE2414X | 19844_at | 19844_at | 1 | 1.29 | 1.45 | 1.97 | 1.71 | 1.56 | 1.15 |
| | 1.26 | 0.66 2.36 | 2.26 1.84 | 1.74 | | | | | |
| GENE2622X | 20433_at | 20433_at | 1 | 1.06 | 1.75 | 2.18 | 1.89 | 1.26 | 1.9 |
| | 1.47 | 1.33 2.87 | 2.62 2.7 | 1.68 | | | | | |
| GENE2679X | 20599_at | 20599_at | 1 | 0.65 | 1.07 | 1.58 | 0.96 | 0.63 | 0.76 |
| | 0.73 | 0.51 1.86 | 1.43 1.56 | 1.02 | | | | | |
| GENE1214X | 15778_at | 15778_at | 1 | 1.04 | 1.5 | 3.85 | 4.1 | 1.8 | 1 |
| | 2.87 | 0.85 4.12 | 4.04 3.89 | 3.35 | | | | | |
| GENE2565X | 20262_at | 20262_at | 1 | 0.8 | 1.09 | 2.32 | 1.81 | 1.17 | 0.72 |
| | 1.8 | 1.18 2.61 | 2.39 2.43 | 1.72 | | | | | |
| GENE1935X | 18121_s_at | 18121_s_at | 1 | 0 | 2 | 2.67 | 1.92 | 1.52 | 0.7 |
| | 1.83 | 1.24 2.83 | 2.72 2.76 | 2.3 | | | | | |
| GENE451X | 13273_at | 13273_at | 1 | 1.05 | 2.27 | 3.1 | 2.46 | 2.06 | 1.97 |
| | 2.74 | 1.86 3.78 | 3.28 3.68 | 3.57 | | | | | |
| GENE32X | 12068_at | 12068_at | 1 | 0.17 | 0.94 | 1.42 | 1.01 | 1.17 | 0.98 |
| | 1.26 | 0.46 1.71 | 1.81 1.63 | 1.53 | | | | | |
| GENE297X | 12879_at | 12879_at | 1 | -0.46 | 0.67 | 2.08 | 0.62 | 1.07 | 1.03 |
| | 1.66 | 0.58 2.82 | 1.96 2.57 | 1.69 | | | | | |
| GENE298X | 12880_at | 12880_at | 1 | -0.17 | 0.68 | 1.19 | 0.98 | 0.37 | 0.47 |
| | 0.84 | 0.35 1.52 | 1.23 1.63 | 0.78 | | | | | |
| GENE482X | 13408_s_at | 13408_s_at | 1 | 0.44 | 1.23 | 1.5 | 0.15 | 0.74 | 0.72 |
| | 1.12 | 0.47 2.1 | 1.21 1.72 | 1.17 | | | | | |
| GENE750X | 14455_at | 14455_at | 1 | 0.53 | 1 | 1.58 | 0.73 | 1.43 | 0.48 |
| | 1.48 | 0.84 2.45 | 2.56 1.76 | 1.53 | | | | | |
| GENE1284X | 15993_at | 15993_at | 1 | 0.2 | 0.44 | 0.83 | 0.29 | 0.69 | 0.39 |
| | 0.67 | 0.27 1.08 | 1.17 0.84 | 1.06 | | | | | |
| GENE1533X | 16668_at | 16668_at | 1 | 1.17 | 1 | 1.45 | 1.7 | 1.51 | 1.65 |
| | 0.8 | 0.52 2.61 | 2.58 1.67 | 1.24 | | | | | |
| GENE1895X | 18012_s_at | 18012_s_at | 1 | 1.13 | 1.09 | 1.82 | 2.3 | 2.32 | 1.92 |
| | 0.89 | 0.66 3.76 | 3.37 1.64 | 2.04 | | | | | |
| GENE1177X | 15641_s_at | 15641_s_at | 1 | 1.35 | 1.52 | 2.04 | 2.08 | 1.95 | 1.35 |
| | 0.84 | 0.66 3.18 | 2.68 1.42 | 1.53 | | | | | |
| GENE2120X | 18704_at | 18704_at | 1 | 0.24 | 0.78 | 0.52 | 0.49 | 0.95 | 0.7 |
| | 0.35 | 0.46 1 | 1.04 0.59 | 0.75 | | | | | |
| GENE2064X | 18597_at | 18597_at | 1 | 0.38 | 1.77 | 2.15 | 1.33 | 2.37 | 1.72 |
| | 1.27 | 0.77 3.08 | 2.48 2.42 | 2.08 | | | | | |
| GENE625X | 13908_s_at | 13908_s_at | 1 | 0.52 | 1.7 | 1.9 | 1.11 | 1.94 | 1.45 |
| | 1.25 | 0.94 2.57 | 2.37 2.15 | 1.76 | | | | | |
| GENE1661X | 17174_at | 17174_at | 1 | 0.71 | 0.71 | 0.46 | 1.02 | 1.4 | 1.28 |
| | 1.01 | 0.75 1.7 | 1.55 0.93 | 1.03 | | | | | |
| GENE339X | 13025_at | 13025_at | 1 | 0.56 | 0.33 | 0.58 | 0.74 | 0.67 | 0.93 |
| | 1.03 | 0.43 1.26 | 1.52 0.87 | 0.85 | | | | | |
| GENE1372X | 16203_at | 16203_at | 1 | 1.37 | 1.92 | 0.48 | 3.2 | 2.13 | 2.58 |
| | 1.77 | 1.39 4.58 | 4.56 3.73 | 3.54 | | | | | |
| GENE2364X | 19635_at | 19635_at | 1 | 0.45 | 0.36 | 0.77 | 0.77 | 1.72 | 1.3 |
| | 1.17 | 0.96 2.48 | 2.34 1.65 | 1 | | | | | |

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|-----------|------------|------------|-----------|------|------|------|---------|-------|-------|
| GENE1165X | 15612_s_at | 15612_s_at | 1 | 0 | 0.2 | 0.81 | 0.72 | 1.52 | 1.21 |
| | 1.24 | 0.64 2.31 | 1.86 1.21 | 0.9 | | | | | |
| GENE89X | 12217_at | 12217_at | 1 | 0.11 | 0.42 | 0.54 | 0.37 | 0.75 | 0.76 |
| | 0.58 | 0.29 1.25 | 1.37 0.74 | 0.66 | | | | | |
| GENE2232X | 19137_at | 19137_at | 1 | 0.7 | 0.89 | 1.16 | 0.6 | 2.07 | 2.41 |
| | 1.34 | 1.25 2.99 | 2.56 2.2 | 1.21 | | | | | |
| GENE68X | 12167_at | 12167_at | 1 | 0.72 | 1.02 | 0.93 | 0.62 | 1.34 | 1.38 |
| | 1.02 | 0.73 2.01 | 1.92 1.33 | 1.11 | | | | | |
| GENE2428X | 19883_at | 19883_at | 1 | 0.41 | 1.22 | 2.27 | 0.87 | 2.53 | 2.2 |
| | 2.73 | 1.82 4.12 | 3.45 3.08 | 2.69 | | | | | |
| GENE1552X | 16747_at | 16747_at | 1 | 0 | 1.2 | 2.32 | 1.2 | 2.92 | 2.32 |
| | 2.14 | 1.77 3.94 | 3.43 2.72 | 2.06 | | | | | |
| GENE1770X | 17548_s_at | 17548_s_at | 1 | 0.26 | 1.13 | 1.48 | 0.26 | 1.91 | 1.35 |
| | 1.36 | 1.04 2.29 | 2.41 1.86 | 1.92 | | | | | |
| GENE205X | 12562_at | 12562_at | 1 | 0.04 | 0.75 | 0.78 | 0.08 | 1.25 | 0.97 |
| | 1.05 | 0.83 1.85 | 1.77 0.85 | 1.05 | | | | | |
| GENE370X | 13117_at | 13117_at | 1 | 0.03 | 0.52 | 0.47 | 0.00998 | | 1.03 |
| | 0.96 | 0.77 0.26 | 1.38 1.48 | 1.17 | 0.95 | | | | |
| GENE2424X | 19879_at | 19879_at | 1 | 0.5 | 0.5 | 0.66 | -0.03 | 0.92 | 0.86 |
| | 0.79 | 0.33 2.28 | 2.08 1.56 | 0.96 | | | | | |
| GENE1873X | 17955_at | 17955_at | 1 | 0.66 | 0.59 | 0.67 | 0.2 | 0.89 | 0.41 |
| | 0.75 | 0.12 1.86 | 1.78 1.48 | 1.01 | | | | | |
| GENE1637X | 17075_s_at | 17075_s_at | 1 | 0.84 | 0.51 | 0.54 | 0.54 | 1.5 | 1.43 |
| | 0.81 | 0.19 2.79 | 2.56 2.42 | 2.11 | | | | | |
| GENE1005X | 15140_s_at | 15140_s_at | 1 | 0.28 | 0.18 | 0.31 | 0.12 | 0.47 | 0.26 |
| | 0.32 | 0.21 1.08 | 0.97 0.96 | 0.8 | | | | | |
| GENE740X | 14423_at | 14423_at | 1 | 0.22 | 0.47 | 1.35 | 0.91 | 1.52 | 1.25 |
| | 1.24 | 0 3.09 | 3.12 2.2 | 2.17 | | | | | |
| GENE1391X | 16288_at | 16288_at | 1 | 0.77 | 0.64 | 0.94 | 0.86 | 1.41 | 0.73 |
| | 0.88 | 0.58 2.34 | 1.97 1.49 | 1.59 | | | | | |
| GENE774X | 14507_at | 14507_at | 1 | 0.24 | 0.34 | 0.55 | 0.28 | 0.89 | 0.68 |
| | 0.43 | 0.18 1.41 | 0.99 0.97 | 0.99 | | | | | |
| GENE6X | 11997_at | 11997_at | 1 | 1.84 | 0.57 | 0.4 | 1.03 | 0.93 | 0.84 |
| | 1.07 | 1.17 1.56 | 1.73 1.58 | 1.32 | | | | | |
| GENE116X | 12294_s_at | 12294_s_at | 1 | 0.77 | 0.8 | 0.97 | 0.36 | 0.66 | 0.43 |
| | 1.5 | 0.89 0.92 | 0.97 0.81 | 0.75 | | | | | |
| GENE1487X | 16533_at | 16533_at | 1 | 1.03 | 1.1 | 1.1 | 0.64 | 1.24 | 0.93 |
| | 1.17 | 1.28 1.41 | 0.9 1.56 | 1.04 | | | | | |
| GENE2250X | 19186_s_at | 19186_s_at | 1 | 0.9 | 1.29 | 1.9 | 0.84 | 1.8 | 0.57 |
| | 1.53 | 1.34 2.29 | 1.22 2.23 | 1.64 | | | | | |
| GENE1709X | 17391_at | 17391_at | 1 | 0.36 | 1 | 1.41 | 0.73 | 0.85 | 0.77 |
| | 1.1 | 1.17 1.53 | 1.2 1.66 | 1.24 | | | | | |
| GENE2432X | 19894_at | 19894_at | 1 | 0.41 | 1.19 | 1.14 | 0.41 | 0.99 | 0.47 |
| | 1.29 | 1.04 1.44 | 1.35 1.68 | 1.26 | | | | | |
| GENE1827X | 17851_at | 17851_at | 1 | 0.37 | 0.26 | 0.51 | 0.29 | 0.35 | 0.65 |
| | 0.28 | 0.63 1 | 1.03 0.76 | 0.95 | | | | | |
| GENE632X | 13932_at | 13932_at | 1 | 0.3 | 0.61 | 0.33 | 0.14 | 0.11 | 0.78 |
| | 0.56 | 0.85 0.83 | 1.22 0.69 | 0.98 | | | | | |
| GENE1064X | 15355_at | 15355_at | 1 | 0.38 | 0.33 | 0.38 | 0.38 | -0.07 | 0.55 |
| | 0.35 | 0.53 1.03 | 1.12 0.55 | 0.45 | | | | | |
| GENE424X | 13215_at | 13215_at | 1 | 0 | 2.92 | 3.4 | 0 | 3.2 | 0.26 |
| | 2.53 | 0 4.65 | 3.03 4.51 | 4.3 | | | | | |
| GENE359X | 13100_at | 13100_at | 1 | 0 | 2.37 | 2.48 | 0 | 1.72 | 0.26 |
| | 1.58 | 0.61 3.77 | 3.37 4.31 | 3.7 | | | | | |
| GENE1012X | 15151_f_at | 15151_f_at | 1 | 0.35 | 1.11 | 0.95 | 0.01 | 0.9 | -0.05 |
| | 0.69 | 0.28 1.5 | 1.96 1.49 | 1.48 | | | | | |

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|-----------|------------|------------|------|----------|-------|-------|-------|------|-------|
| GENE330X | 13009_i_at | 13009_i_at | 1 | 0.58 | 1.11 | 2.5 | 0 | 2.8 | 0 |
| | 2.07 | 0 | 4.2 | 4.27 | 4.2 | 3.29 | | | |
| GENE2119X | 18698_s_at | 18698_s_at | 1 | 0.19 | 0.54 | 0.67 | 0.11 | 0.92 | 0.05 |
| | 0.47 | -0.06 | 1.52 | 1.15 | 1.26 | 1.14 | | | |
| GENE831X | 14635_s_at | 14635_s_at | 1 | 0 | 3.98 | 1.58 | 0 | 4.73 | 1.69 |
| | 3.35 | -0.19 | 5.27 | 4.79 | 4.48 | 4.49 | | | |
| GENE1824X | 17840_at | 17840_at | 1 | -1.84 | 2.48 | 2.05 | 0 | 2.61 | 1.4 |
| | 2.24 | 0.39 | 4.31 | 4.31 | 3.4 | 3.26 | | | |
| GENE1915X | 18054_at | 18054_at | 1 | 0.41 | 1.5 | 2.84 | 0.73 | 2.73 | 0.58 |
| | 1.58 | -0.8 | 4.65 | 4.34 | 3.34 | 2.51 | | | |
| GENE1841X | 17885_at | 17885_at | 1 | 0.24 | 1.49 | 2.09 | 0.86 | 1.28 | 0.19 |
| | 0.93 | -0.45 | 3.32 | 2.97 | 2.64 | 1.49 | | | |
| GENE351X | 13070_at | 13070_at | 1 | 0.05 | 0.94 | 0.96 | 0.46 | 0.63 | 0.28 |
| | 0.62 | 0.03 | 1.6 | 1.82 | 1.27 | 1.13 | | | |
| GENE2368X | 19641_at | 19641_at | 1 | 0.26 | 1.76 | 1.37 | 0.26 | 1.19 | 0.77 |
| | 0.19 | -1 | 3.05 | 2.92 | 2.4 | 1.74 | | | |
| GENE375X | 13123_at | 13123_at | 1 | 0.15 | 0.81 | 0.64 | 0.21 | 0.94 | 0.76 |
| | 0.45 | -0.24 | 1.88 | 1.51 | 0.92 | 1.26 | | | |
| GENE133X | 12341_s_at | 12341_s_at | 1 | -0.12 | 1.39 | 1.41 | -0.49 | 1.26 | 0.26 |
| | 0.88 | 0 | 2.53 | 2.4 | 1.35 | 1.29 | | | |
| GENE405X | 13176_at | 13176_at | 1 | -0.09 | 0.77 | 0.91 | -0.28 | 0.45 | 0.48 |
| | 0.39 | -0.22 | 1.45 | 1.06 | 1.15 | 0.7 | | | |
| GENE1656X | 17114_s_at | 17114_s_at | 1 | -0.24 | 0.45 | 0.65 | 0.04 | 0.55 | -0.26 |
| | 0.49 | 0.1 | 1.6 | 1.13 | 0.8 | 0.61 | | | |
| GENE415X | 13188_r_at | 13188_r_at | 1 | -0.62 | 0.69 | 0.91 | -0.58 | 0.78 | -0.26 |
| | 0.91 | 0.4 | 1.55 | 1.18 | 0.67 | 0.87 | | | |
| GENE2347X | 19546_at | 19546_at | 1 | 0 | 0 | 0 | 0 | 1.13 | 1.13 |
| | 2.24 | -1 | 4.54 | 4.78 | 5.31 | 5.09 | | | |
| GENE2426X | 19881_at | 19881_at | 1 | 0.09 | 0.01 | -0.12 | 0.03 | 0.27 | 0.24 |
| | 0.41 | 0.05 | 1.16 | 0.81 | 1.27 | 1.23 | | | |
| GENE659X | 14017_at | 14017_at | 1 | 0 | 0 | 0 | 0 | 0 | 1.13 |
| | 2.8 | 1.13 | 4.07 | 4.17 | 3.76 | 3.82 | | | |
| GENE629X | 13919_at | 13919_at | 1 | 0.26 | 0 | 0 | 0.48 | 1 | 0.26 |
| | 2.88 | 0.67 | 5.05 | 4.86 | 5.37 | 5.23 | | | |
| GENE417X | 13190_s_at | 13190_s_at | 1 | -0.00509 | | 0.06 | 0.23 | 0.11 | 0.28 |
| | 0.13 | 0.48 | 0.23 | 1.19 | 1.18 | 1.07 | 1.3 | | |
| GENE1367X | 16168_s_at | 16168_s_at | 1 | 0.21 | -0.06 | 0.12 | 0.09 | 0.36 | 0.49 |
| | 0.58 | 0.15 | 1.68 | 1.59 | 1.53 | 1.52 | | | |
| GENE401X | 13163_s_at | 13163_s_at | 1 | 0.18 | -0.19 | 0.33 | 0.34 | 0.16 | 0.29 |
| | 0.52 | 0.22 | 1.57 | 1.57 | 1.44 | 1.34 | | | |
| GENE477X | 13370_at | 13370_at | 1 | 0 | 1.26 | 1.37 | 0.67 | 2.26 | 1.84 |
| | 2.76 | 1 | 4.94 | 4.84 | 5.45 | 4.4 | | | |
| GENE1341X | 16103_s_at | 16103_s_at | 1 | 0.11 | 0.41 | 0.54 | 0.1 | 0.45 | 0.48 |
| | 0.66 | 0.58 | 1.56 | 1.63 | 1.66 | 1.51 | | | |
| GENE2723X | 20715_at | 20715_at | 1 | 0.07 | 0.32 | 0.57 | 0.14 | 0.69 | 0.31 |
| | 0.76 | 0.6 | 1.6 | 1.53 | 1.39 | 1.32 | | | |
| GENE589X | 13681_s_at | 13681_s_at | 1 | 0.32 | 0.3 | 0.76 | 0.45 | 0.35 | 0.58 |
| | 0.78 | 0.42 | 2 | 1.79 | 1.73 | 1.66 | | | |
| GENE903X | 14902_at | 14902_at | 1 | -0.19 | 0.58 | 1.08 | 0.16 | 0.32 | 0.9 |
| | 1.41 | 1.41 | 3.1 | 2.64 | 3.11 | 2.66 | | | |
| GENE2046X | 18557_at | 18557_at | 1 | -0.18 | 0.5 | 0.5 | -0.28 | 0.25 | 0.25 |
| | 0.74 | 0.68 | 1.43 | 1.43 | 1.55 | 1.56 | | | |
| GENE1489X | 16537_s_at | 16537_s_at | 1 | -0.21 | 0.46 | 0.46 | -0.1 | 0.41 | 0.41 |
| | 0.72 | 0.39 | 1.75 | 0.96 | 1.2 | 1.26 | | | |
| GENE606X | 13818_s_at | 13818_s_at | 1 | 0 | 1.92 | 2 | 0.84 | 1.22 | 1.63 |
| | 2.04 | 0.25 | 3.7 | 4.5 | 4.02 | 4.45 | | | |

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|-----------|------------|--------------|-----------|-------|-------|-------|---------|------|------|
| GENE998X | 15130_s_at | 15130_s_at | 1 | 0.14 | 0.45 | 0.23 | -0.02 | 0.09 | 0.33 |
| | 0.49 | 0.03 1.07 | 0.92 0.88 | 1.11 | | | | | |
| GENE1751X | 17485_s_at | 17485_s_at | 1 | 1 | 1.67 | 1.26 | 0.26 | 1.36 | 1 |
| | 2.13 | 0 3.53 | 3.61 4.68 | 3.6 | | | | | |
| GENE358X | 13097_at | 13097_at | 1 | 0.11 | 0.26 | 0.14 | -0.09 | 0.62 | 0.16 |
| | 0.56 | -0.09 1.19 | 1.05 1.3 | 0.96 | | | | | |
| GENE2657X | 20529_at | 20529_at | 1 | 0.47 | 0.25 | 0.74 | -0.65 | 0.73 | 0.47 |
| | 0.68 | -0.15 2.1 | 2.17 1.92 | 1.63 | | | | | |
| GENE1653X | 17111_s_at | 17111_s_at | 1 | 0.48 | 0.67 | 1.43 | 0.26 | 2.2 | 2 |
| | 2.84 | 2.58 3.96 | 3.48 4.62 | 4.87 | | | | | |
| GENE1152X | 15594_s_at | 15594_s_at | 1 | -0.12 | 0.48 | 0.78 | 0.01 | 1.33 | 1.23 |
| | 1.71 | 2.45 3.29 | 3.32 3.79 | 3.92 | | | | | |
| GENE175X | 12487_at | 12487_at | 1 | 0.58 | 0.26 | 1 | 0.48 | 1.32 | 1.32 |
| | 2.49 | 1.95 3.34 | 3.77 3.3 | 2.61 | | | | | |
| GENE1960X | 18241_at | 18241_at | 1 | 0 | 0 | 1.32 | 0 | 1.47 | 1.58 |
| | 2.02 | 1.36 3.33 | 3.09 2.83 | 2.63 | | | | | |
| GENE408X | 13179_at | 13179_at | 1 | -0.13 | -0.02 | 0.37 | 0.35 | 0.9 | 1.32 |
| | 1.64 | 1.34 2.16 | 1.98 2.36 | 1.88 | | | | | |
| GENE1395X | 16301_at | 16301_at | 1 | 0 | 0.27 | 0.27 | 0.1 | 1.04 | 0.79 |
| | 1.51 | 0.79 2.08 | 2 2.55 | 2.21 | | | | | |
| GENE1705X | 17384_at | 17384_at | 1 | 0.09 | 0.22 | 0.17 | -0.12 | 0.84 | 0.55 |
| | 1.08 | 0.43 1.23 | 1.23 1.56 | 1.15 | | | | | |
| GENE2706X | 20656_at | 20656_at | 1 | 0.02 | -0.02 | 0.2 | -0.26 | 0.62 | 0.82 |
| | 1.24 | 0.63 1.56 | 1.59 1.54 | 1.44 | | | | | |
| GENE1338X | 16092_s_at | 16092_s_at | 1 | 0.04 | 0.13 | -0.26 | -0.15 | 1.19 | 0.58 |
| | 1.65 | 0.6 1.58 | 1.9 1.69 | 1.88 | | | | | |
| GENE2458X | 19956_at | 19956_at | 1 | 0.52 | -0.05 | 0.16 | 0.55 | 1.89 | 0.86 |
| | 2.14 | 0.61 3.38 | 2.69 3.58 | 3.16 | | | | | |
| GENE586X | 13666_s_at | 13666_s_at | 1 | -0.25 | 0.46 | 0.88 | 0.32 | 1.42 | 0.9 |
| | 1.64 | 0.97 2.19 | 1.93 2.41 | 2.32 | | | | | |
| GENE847X | 14672_at | 14672_at | 1 | -0.02 | 0.57 | 0.87 | 0.52 | 1.79 | 0.99 |
| | 1.15 | 0.52 2.4 | 1.8 2.27 | 2.38 | | | | | |
| GENE1335X | 16083_at | 16083_at | 1 | -0.06 | 0.16 | 0.4 | -0.06 | 1.2 | 0.91 |
| | 0.86 | 0.54 2.03 | 1.62 1.94 | 1.68 | | | | | |
| GENE2709X | 20669_at | 20669_at | 1 | 0.06 | 0.37 | 0.18 | 0.28 | 0.95 | 0.86 |
| | 0.31 | 0.04 2.08 | 2.21 1.57 | 1.26 | | | | | |
| GENE363X | 13106_at | 13106_at | 1 | 0.25 | 0.12 | 0.13 | 0.15 | 0.52 | 0.25 |
| | 0.17 | -0.01 1.04 | 1.03 0.65 | 0.81 | | | | | |
| GENE160X | 12440_at | 12440_at | 1 | 0.07 | -0.17 | 0.15 | -0.04 | 0.77 | 0.61 |
| | 0.51 | 0.25 2.31 | 2.22 1.21 | 1.17 | | | | | |
| GENE446X | 13261_at | 13261_at | 1 | 0.06 | 0.12 | 0.34 | 0.00539 | | 0.68 |
| | 0.23 | 0.48 0.00395 | 1.48 | 1.49 | 0.74 | 0.89 | | | |
| GENE1258X | 15911_at | 15911_at | 1 | 0 | 0.17 | 0.33 | 0.47 | 1.68 | 1 |
| | 1.15 | 0.29 2.73 | 2.87 1.71 | 1.34 | | | | | |
| GENE379X | 13128_at | 13128_at | 1 | 0.59 | 0.25 | 0.64 | 0.29 | 1.07 | 0.72 |
| | 0.82 | 0.01 2.62 | 2.38 1.22 | 0.95 | | | | | |
| GENE1660X | 17139_at | 17139_at | 1 | 0.38 | -0.04 | -0.04 | 0.24 | 0.38 | 0.22 |
| | 0.45 | 0.16 1.5 | 1.11 0.55 | 0.52 | | | | | |
| GENE707X | 14243_at | 14243_at | 1 | 0.23 | 0.37 | 0.43 | -0.07 | 1.02 | 0.04 |
| | 0.77 | 0.38 2.39 | 1.66 0.76 | 0.7 | | | | | |
| GENE182X | 12511_g_at | 12511_g_at | 1 | 0.12 | 0.23 | 0.15 | -0.24 | 0.61 | 0.06 |
| | 0.18 | 0.06 1.11 | 1.18 0.41 | 0.38 | | | | | |
| GENE1526X | 16634_s_at | 16634_s_at | 1 | -0.25 | 0.56 | 0.16 | 0.05 | 0.86 | 0.07 |
| | 0.94 | 0.65 1.72 | 1.45 0.93 | 0.88 | | | | | |
| GENE945X | 15034_at | 15034_at | 1 | 0.02 | 0.1 | -0.02 | -0.05 | 0.7 | 0.43 |
| | 0.44 | 0.46 1.63 | 1.56 0.89 | 0.51 | | | | | |

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|-----------|------------|------------|-----------|-------|-------|-------|-------|-------|------|
| GENE1239X | 15867_at | 15867_at | 1 | 0.1 | 0.32 | 0.16 | -0.18 | 0.73 | 0.48 |
| | 0.64 | 0.52 1.18 | 1.36 0.62 | 0.7 | | | | | |
| GENE1612X | 17007_at | 17007_at | 1 | 0.14 | 0.3 | 0.17 | 0 | 0.5 | 0.37 |
| | 0.39 | 0.58 0.98 | 1.19 0.47 | 0.45 | | | | | |
| GENE2366X | 19639_at | 19639_at | 1 | 0.1 | 0.65 | 0.69 | 0.29 | 0.9 | 0.7 |
| | 0.56 | 1 1.88 | 1.75 1.31 | 0.71 | | | | | |
| GENE2196X | 18966_at | 18966_at | 1 | 0.13 | 0.73 | 1.4 | 0.09 | 1.57 | 0.4 |
| | 1.04 | 0.88 2.32 | 1.77 2.31 | 1.21 | | | | | |
| GENE383X | 13137_at | 13137_at | 1 | 0.48 | 0.57 | 0.6 | 0.34 | 0.84 | 0.37 |
| | 1.02 | 0.26 2.03 | 2.24 2.38 | 0.65 | | | | | |
| GENE796X | 14552_s_at | 14552_s_at | 1 | 1 | 1.92 | 1.26 | 0 | 0.84 | 0 |
| | 2.06 | 1.39 4.18 | 4.12 3.25 | 2.67 | | | | | |
| GENE1702X | 17376_at | 17376_at | 1 | 0.38 | 0.38 | 0.47 | -0.07 | 1.03 | 0.57 |
| | 1.22 | 0.88 2.45 | 2.54 1.98 | 1.86 | | | | | |
| GENE934X | 15001_at | 15001_at | 1 | 0.28 | 0.47 | 0.52 | -0.13 | 1 | 0.08 |
| | 0.8 | 0.48 1.79 | 1.49 1.23 | 1 | | | | | |
| GENE951X | 15043_at | 15043_at | 1 | 0.23 | 0.42 | 0.53 | -0.16 | 0.46 | 0.48 |
| | 0.66 | 0.25 1.18 | 0.98 0.69 | 0.42 | | | | | |
| GENE480X | 13386_at | 13386_at | 1 | 0.1 | 0.53 | 0.7 | -0.07 | 0.5 | 0.43 |
| | 0.53 | 0.5 1.67 | 1.69 0.74 | 0.93 | | | | | |
| GENE1154X | 15596_s_at | 15596_s_at | 1 | 0.48 | 0.49 | 0.54 | -0.07 | 0.4 | 0.32 |
| | 0.27 | 0.24 1.24 | 1.21 0.65 | 0.62 | | | | | |
| GENE2179X | 18936_at | 18936_at | 1 | 0.67 | 0.86 | 0.81 | 0.11 | 1.69 | 2 |
| | 1.89 | 1.34 3.37 | 2.75 2.45 | 1.58 | | | | | |
| GENE2542X | 20200_at | 20200_at | 1 | 0.29 | 0.53 | 0.75 | 0.2 | 0.71 | 1 |
| | 1.16 | 0.78 1.8 | 1.53 1.21 | 0.9 | | | | | |
| GENE1849X | 17905_at | 17905_at | 1 | 0.27 | 0.37 | 0.44 | 0.32 | 0.76 | 0.48 |
| | 0.84 | 0.59 1.45 | 1.21 0.94 | 0.89 | | | | | |
| GENE2240X | 19161_at | 19161_at | 1 | 0.56 | 0.28 | 0.38 | 0.12 | 0.37 | 0.67 |
| | 0.97 | 0.81 1.35 | 1.35 1 | 0.94 | | | | | |
| GENE781X | 14520_at | 14520_at | 1 | 0.01 | 0.14 | 0.27 | -0.14 | -0.11 | 0.44 |
| | 0.4 | 0.34 0.99 | 1.41 0.85 | 0.75 | | | | | |
| GENE2124X | 18713_at | 18713_at | 1 | -0.15 | 0.27 | 0.16 | 0.03 | 0.23 | 0.68 |
| | 0.64 | 0.05 0.89 | 1.05 0.78 | 0.62 | | | | | |
| GENE1961X | 18242_g_at | 18242_g_at | 1 | 0.46 | -0.37 | -0.03 | -0.11 | 1 | 1.31 |
| | 1.3 | 1.02 2.6 | 2.31 1.96 | 1.83 | | | | | |
| GENE2075X | 18623_at | 18623_at | 1 | 0.21 | -0.06 | -0.1 | -0.17 | 0.89 | 1.34 |
| | 0.99 | 0.99 2.37 | 2.5 1.96 | 1.77 | | | | | |
| GENE1829X | 17854_at | 17854_at | 1 | 0 | 0 | 0 | 0 | 1 | 1.37 |
| | 1.5 | 1.05 3.1 | 3.13 1.94 | 2.18 | | | | | |
| GENE2186X | 18948_s_at | 18948_s_at | 1 | 0.03 | 0.02 | 0.01 | -0.16 | 0.58 | 0.42 |
| | 0.85 | 0.71 1.48 | 1.63 1.1 | 1.2 | | | | | |
| GENE1775X | 17558_s_at | 17558_s_at | 1 | -0.24 | -0.24 | 0.15 | 0 | 0.58 | 0.58 |
| | 0.77 | 0.77 1.43 | 1.45 0.92 | 0.89 | | | | | |
| GENE1806X | 17657_at | 17657_at | 1 | 0.23 | -0.41 | 0.23 | 0.16 | 0.64 | 0.55 |
| | 1.19 | 0.75 2.21 | 1.46 1.39 | 1.21 | | | | | |
| GENE1071X | 15376_at | 15376_at | 1 | 0 | -0.28 | 0.49 | -0.19 | 0.75 | 0.71 |
| | 0.54 | 0.73 1.73 | 1.5 0.79 | 0.9 | | | | | |
| GENE1864X | 17935_at | 17935_at | 1 | -0.16 | 0.09 | 0.32 | -0.13 | 0.39 | 1.11 |
| | 0.17 | 0.45 0.96 | 0.97 0.62 | 0.38 | | | | | |
| GENE915X | 14950_at | 14950_at | 1 | 0.02 | 0.28 | 0.39 | -0.02 | 0.4 | 0.97 |
| | 0.21 | 0.38 0.74 | 1.1 0.44 | 0.2 | | | | | |
| GENE1166X | 15614_s_at | 15614_s_at | 1 | -0.45 | 0.13 | 0.3 | 0.17 | 0.62 | 1.07 |
| | 0.09 | 0.43 1.06 | 1.27 0.44 | 0.86 | | | | | |
| GENE1121X | 15515_r_at | 15515_r_at | 1 | -0.2 | 0.21 | 0.27 | -0.29 | 0.19 | 0.77 |
| | 0.59 | 0.8 0.37 | 1.43 0.2 | 0.65 | | | | | |

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|-----------|------------|------------|-----------|-------|----------|-------|-------|------|------|
| GENE1568X | 16888_at | 16888_at | 1 | -0.16 | 0.73 | 0.62 | -0.36 | 1.74 | 1.76 |
| | 1.22 | 1.19 2.24 | 2.32 1.65 | 1.29 | | | | | |
| GENE824X | 14620_at | 14620_at | 1 | -0.31 | 0.27 | 0.4 | -0.12 | 1.5 | 1.12 |
| | 1.02 | 0.76 1.92 | 1.66 0.82 | 0.76 | | | | | |
| GENE2423X | 19878_at | 19878_at | 1 | -0.64 | 0.29 | 0 | -1.18 | 2.32 | 1.49 |
| | 1.12 | 1.19 2.87 | 3.17 1.61 | 1.51 | | | | | |
| GENE1813X | 17744_s_at | 17744_s_at | 1 | -0.27 | 0.18 | -0.19 | -0.71 | 1.17 | 1.57 |
| | 1.07 | 1.02 2.34 | 2.66 1.36 | 1.24 | | | | | |
| GENE758X | 14477_at | 14477_at | 1 | -0.39 | 0.14 | 0.15 | -0.37 | 0.57 | 0.8 |
| | 0.7 | 0.19 1.15 | 1.13 0.65 | 0.55 | | | | | |
| GENE896X | 14886_at | 14886_at | 1 | -0.19 | 0.32 | 0.46 | -0.28 | 0.72 | 0.92 |
| | 0.47 | 0.08 1.56 | 1.84 0.57 | 0.78 | | | | | |
| GENE2087X | 18646_at | 18646_at | 1 | 0.23 | 0.21 | 0.18 | -0.14 | 0.28 | 0.7 |
| | 0.19 | 0.31 0.86 | 1.17 0.32 | 0.64 | | | | | |
| GENE735X | 14412_at | 14412_at | 1 | -0.12 | 0.22 | 0.11 | -0.23 | 0.26 | 0.52 |
| | 0.09 | 0.44 1.21 | 1.21 0.4 | 0.23 | | | | | |
| GENE2185X | 18947_i_at | 18947_i_at | 1 | 0.19 | -0.01 | -0.23 | -0.07 | 0.64 | 0.63 |
| | 0.45 | 0.07 1.19 | 1.35 0.41 | 0.34 | | | | | |
| GENE1106X | 15473_at | 15473_at | 1 | 0.07 | 0.08 | -0.26 | -0.22 | 0.48 | 0.48 |
| | 0.26 | 0.39 1.13 | 0.98 0.27 | 0.5 | | | | | |
| GENE2208X | 18987_g_at | 18987_g_at | 1 | -0.25 | 0.08 | 0.28 | -0.39 | 0.06 | 0.67 |
| | 0.28 | -0.05 0.53 | 0.73 0.26 | 1.01 | | | | | |
| GENE747X | 14448_at | 14448_at | 1 | 1.22 | 1.32 | 1.19 | 0.73 | 2.46 | 1.2 |
| | 1.15 | 0.62 2.79 | 2.77 0.82 | 1.19 | | | | | |
| GENE1486X | 16532_at | 16532_at | 1 | 0.56 | 0.52 | 0.4 | 0.31 | 0.93 | 0.98 |
| | 0.45 | 0.08 1.03 | 0.69 0.54 | 0.3 | | | | | |
| GENE1155X | 15598_s_at | 15598_s_at | 1 | 0.61 | 0.23 | 0.38 | -0.04 | 1.04 | 0.79 |
| | 0.34 | 0.48 1.17 | 0.79 0.36 | 0.31 | | | | | |
| GENE705X | 14136_at | 14136_at | 1 | 0.34 | 0.52 | 0.03 | 0.19 | 1.26 | 1.06 |
| | 0.48 | -0.22 1.45 | 1.61 0.88 | 0.7 | | | | | |
| GENE2229X | 19130_at | 19130_at | 1 | 0.14 | 0.45 | 0.34 | -0.07 | 1.34 | 1.24 |
| | 0.8 | 0.34 1.57 | 1.45 0.79 | 0.48 | | | | | |
| GENE95X | 12231_at | 12231_at | 1 | 0.38 | 0.15 | 0.07 | -0.26 | 1.16 | 1 |
| | 0.73 | 0 1.51 | 1.53 0.73 | 0.51 | | | | | |
| GENE2375X | 19655_at | 19655_at | 1 | -0.52 | 0.49 | 0.18 | -0.63 | 2.64 | 2.05 |
| | 1.12 | 0.43 2.73 | 2.84 1.04 | 0.07 | | | | | |
| GENE745X | 14434_at | 14434_at | 1 | 0.05 | 0.35 | 0.11 | 0.05 | 1.42 | 1.32 |
| | 0.63 | 0.36 1.75 | 1.58 0.36 | 0.05 | | | | | |
| GENE1461X | 16483_at | 16483_at | 1 | 0.22 | 0.73 | 0.28 | -0.58 | 1.93 | 0.87 |
| | 0.83 | 0.22 2.22 | 2.17 0.77 | 0.63 | | | | | |
| GENE1315X | 16055_s_at | 16055_s_at | 1 | 0 | 0.84 | 0.32 | -0.49 | 1.82 | 0.84 |
| | 0.9 | 0.9 2.15 | 2.02 0.5 | 0.04 | | | | | |
| GENE1874X | 17956_i_at | 17956_i_at | 1 | 0.15 | 1.15 | 0.53 | -0.52 | 1.26 | 0.86 |
| | 0.58 | 0.73 1.28 | 1.71 0.61 | -0.1 | | | | | |
| GENE2665X | 20566_s_at | 20566_s_at | 1 | -0.02 | 0.51 | 0.16 | -0.4 | 1.54 | 1.41 |
| | 0.7 | 0.83 1.11 | 1.24 0.27 | -0.05 | | | | | |
| GENE2451X | 19936_at | 19936_at | 1 | 1.33 | 0.18 | -0.33 | 0.78 | 3 | 2.92 |
| | 3.56 | 3.37 3.74 | 4.2 2.58 | 3.07 | | | | | |
| GENE1336X | 16087_s_at | 16087_s_at | 1 | 0.21 | -0.00916 | 0.1 | -0.11 | 1.51 | |
| | 0.9 | 1.63 1.5 | 2.05 2.32 | 2.2 | 1.48 | | | | |
| GENE842X | 14663_s_at | 14663_s_at | 1 | 0.16 | 0.9 | 0.66 | 0 | 2 | 1.64 |
| | 2.23 | 1.68 3 | 2.8 2.47 | 1.92 | | | | | |
| GENE2004X | 18315_s_at | 18315_s_at | 1 | 0.23 | 0.44 | 0.23 | -0.28 | 1.24 | 0.98 |
| | 1.35 | 0.74 1.44 | 1.75 1.21 | 1.15 | | | | | |
| GENE1844X | 17896_at | 17896_at | 1 | 0.74 | 0.31 | 0.01 | -0.23 | 0.51 | 1.02 |
| | 0.57 | 0.76 1.2 | 1.45 0.84 | 0.68 | | | | | |

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|-----------|------------|------------|-----------|------|-------|-------|----------|------|------|
| GENE324X | 12969_at | 12969_at | 1 | 0.55 | 0.29 | -0.1 | -0.18 | 0.51 | 0.66 |
| | 0.74 | 0.64 0.68 | 1.17 0.67 | 0.81 | | | | | |
| GENE78X | 12187_at | 12187_at | 1 | 1.41 | 1.28 | 1.19 | 0.84 | 2.09 | 2.38 |
| | 2.3 | 2 3.32 | 2.74 2.73 | 2.76 | | | | | |
| GENE2467X | 19982_at | 19982_at | 1 | 1.25 | 0.79 | 0.49 | 0.54 | 1.77 | 1.59 |
| | 1.79 | 1.64 2.38 | 1.88 2 | 2.15 | | | | | |
| GENE2003X | 18314_i_at | 18314_i_at | 1 | 0.77 | 0.83 | 0.7 | 0.36 | 1.31 | 1.46 |
| | 1.6 | 1.21 1.65 | 2.05 1.42 | 1.54 | | | | | |
| GENE651X | 13999_at | 13999_at | 1 | 1.26 | 1.49 | 1.3 | 0.62 | 2.12 | 2.3 |
| | 2.52 | 1.72 2.48 | 2.28 2.68 | 1.53 | | | | | |
| GENE1490X | 16538_at | 16538_at | 1 | 0.93 | 1.07 | 1.15 | 0.94 | 1.73 | 1.72 |
| | 2.01 | 1.95 2.26 | 1.88 2.1 | 1.59 | | | | | |
| GENE2167X | 18898_s_at | 18898_s_at | 1 | 0.72 | 0.55 | 0.5 | 0.43 | 1.37 | 1.33 |
| | 1.23 | 1.14 1.27 | 1.09 1.12 | 0.85 | | | | | |
| GENE2217X | 19060_at | 19060_at | 1 | 0.66 | 1.05 | 0.84 | 0 | 1.24 | 1.29 |
| | 1.2 | 1.69 1.75 | 1.15 1.32 | 1.25 | | | | | |
| GENE2234X | 19149_at | 19149_at | 1 | 0.16 | 0.25 | 0.28 | -0.00466 | | 0.6 |
| | 0.49 | 0.76 0.78 | 1.04 0.73 | 0.62 | 0.59 | | | | |
| GENE1072X | 15379_at | 15379_at | 1 | 0.5 | 0.34 | 0.31 | -0.16 | 1.74 | 1.71 |
| | 0.96 | 0.83 1.62 | 1.62 0.86 | 1.37 | | | | | |
| GENE1481X | 16522_at | 16522_at | 1 | 0.54 | 0.34 | 0.46 | 0.44 | 1.29 | 2.11 |
| | 0.6 | 1.08 1.73 | 1.89 0.86 | 1.18 | | | | | |
| GENE611X | 13850_i_at | 13850_i_at | 1 | 0.13 | -0.01 | 0.09 | 0.23 | 1 | 1.01 |
| | 0.56 | 0.71 1 | 0.69 0.82 | 0.57 | | | | | |
| GENE1348X | 16119_s_at | 16119_s_at | 1 | 0.19 | -0.46 | -0.54 | -0.11 | 1.05 | 1.88 |
| | 0.65 | 0.89 1.9 | 1.74 1.13 | 0.67 | | | | | |
| GENE808X | 14582_at | 14582_at | 1 | 0.27 | -0.14 | -0.1 | 0.08 | 0.84 | 1.1 |
| | 0.77 | 0.72 1.45 | 1.5 0.97 | 0.61 | | | | | |
| GENE706X | 14240_s_at | 14240_s_at | 1 | 0.55 | -0.67 | -0.46 | 0.04 | 2.03 | 2.46 |
| | 1.34 | 1.73 1.98 | 2.15 0.94 | 1.23 | | | | | |
| GENE1837X | 17874_at | 17874_at | 1 | 0.42 | -0.04 | -0.09 | -0.09 | 1 | 1.44 |
| | 0.5 | 0.61 0.96 | 1.09 0.44 | 0.5 | | | | | |
| GENE347X | 13060_at | 13060_at | 1 | 0.42 | -0.28 | 0 | 0.09 | 0.88 | 1.42 |
| | 0.34 | 0.34 0.83 | 1.61 0.92 | 0.76 | | | | | |
| GENE31X | 12063_at | 12063_at | 1 | 0.48 | -0.32 | -0.05 | 0.4 | 0.62 | 1.42 |
| | 0.2 | 0.9 0.82 | 0.96 0.8 | 0.55 | | | | | |
| GENE1051X | 15241_s_at | 15241_s_at | 1 | 0.72 | 0.35 | -0.85 | 0.49 | 1.07 | 1.28 |
| | 0.26 | 0.4 1.21 | 1.36 0.19 | 0.38 | | | | | |
| GENE13X | 12007_at | 12007_at | 1 | 1.03 | 0.96 | 1.37 | 0.83 | 1.54 | 2.25 |
| | 1.3 | 1.5 2.17 | 2.16 1.2 | 1.18 | | | | | |
| GENE1021X | 15171_s_at | 15171_s_at | 1 | 1.02 | 0.84 | 0.89 | 0.73 | 1.23 | 1.46 |
| | 1.1 | 0.69 1.56 | 1.41 0.78 | 0.8 | | | | | |
| GENE1044X | 15214_s_at | 15214_s_at | 1 | 0.36 | 1.58 | 1.28 | 1 | 1.73 | 2.7 |
| | 1.74 | 1.83 2.03 | 1.87 1.51 | 0.89 | | | | | |
| GENE1379X | 16230_at | 16230_at | 1 | 0.31 | 1.07 | 1.16 | 0.49 | 1.32 | 1.9 |
| | 1.01 | 1.27 1.85 | 1.53 1.3 | 1.16 | | | | | |
| GENE752X | 14460_at | 14460_at | 1 | 0.5 | 0.51 | 0.86 | 0.74 | 0.74 | 1.42 |
| | 0.73 | 1.22 1.1 | 1.24 0.89 | 1 | | | | | |
| GENE54X | 12136_at | 12136_at | 1 | 1.2 | 0.83 | 0.69 | 0.22 | 1.47 | 1.78 |
| | 1.52 | 1.6 1.15 | 0.93 1.03 | 0.58 | | | | | |
| GENE2664X | 20560_at | 20560_at | 1 | 1.45 | 0.58 | 0.79 | 0.51 | 1.37 | 1.76 |
| | 1.24 | 1.66 1.02 | 1.17 0.57 | 0.51 | | | | | |
| GENE1833X | 17862_at | 17862_at | 1 | 0.55 | 0.47 | 0.89 | 0.48 | 0.82 | 1.27 |
| | 0.85 | 1.27 0.97 | 0.51 0.17 | 0.28 | | | | | |
| GENE2584X | 20314_s_at | 20314_s_at | 1 | 0.7 | 0.35 | 0.37 | 0.16 | 0.7 | 1.43 |
| | 0.89 | 1.12 1.15 | 1.43 0.47 | 0.61 | | | | | |

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|-----------|------------|------------|------------|-------|------|------|-------|------|-------|---|
| GENE1933X | 18102_at | 18102_at | 1 | 0.58 | 0.12 | 0.04 | 0.28 | 0.86 | 1.39 | |
| | 1.13 | 0.94 0.71 | 1.54 0.42 | 0.46 | | | | | | |
| GENE1623X | 17044_at | 17044_at | 1 | 0.35 | 0.53 | 0.68 | 0.5 | 0.79 | 1.62 | |
| | 1.31 | 1.78 0.93 | 1 0.9 | 0.73 | | | | | | |
| GENE959X | 15065_at | 15065_at | 1 | 0.22 | 0.45 | 0.38 | 0.32 | 1.01 | 1.24 | |
| | 0.93 | 1.26 0.79 | 1.05 0.62 | 0.87 | | | | | | |
| GENE111X | 12004_at | 12004_at | 1 | 1.41 | 1.53 | 1.78 | -0.36 | 2.24 | 3.47 | |
| | 1.67 | 3.1 1.86 | 2.24 1.67 | 1.39 | | | | | | |
| GENE2356X | 19591_at | 19591_at | 1 | 0.38 | 0.54 | 0.64 | 0.14 | 1.97 | 2.64 | |
| | 1.52 | 1.71 1.48 | 1.3 1.46 | 1.26 | | | | | | |
| GENE1220X | 15792_at | 15792_at | 1 | 0.95 | 0.21 | 0.15 | 0.21 | 2.19 | 3.68 | 3 |
| | 3.01 | 2.01 2.53 | 1.79 1.41 | | | | | | | |
| GENE633X | 13933_at | 13933_at | 1 | 0.25 | 0.2 | 1.37 | 1.85 | 1.35 | 1.38 | |
| | 1.77 | 2.5 1.01 | 1 1.67 | 1.74 | | | | | | |
| GENE634X | 13934_g_at | 13934_g_at | 1 | 0.29 | 0.49 | 1.59 | 1.87 | 1.24 | 1.39 | |
| | 1.52 | 2.13 0.95 | 1.01 1.36 | 1.31 | | | | | | |
| GENE2643X | 20489_at | 20489_at | 1 | 0 | 0 | 1.76 | 2.92 | 3.4 | 3.58 | |
| | 3.45 | 4.49 2.13 | 1.37 1.13 | 1.37 | | | | | | |
| GENE835X | 14643_s_at | 14643_s_at | 1 | 0.33 | 1.14 | 1.47 | 0.83 | 0.66 | 1.34 | |
| | 2.13 | 2.91 1.65 | 1.34 1.43 | 1.6 | | | | | | |
| GENE2417X | 19851_at | 19851_at | 1 | 0.84 | 1 | 0.92 | 0.84 | 1.12 | 1.62 | |
| | 2.1 | 1.95 0.9 | 0.83 1.83 | 0.5 | | | | | | |
| GENE2098X | 18668_at | 18668_at | 1 | 0.58 | 1.56 | 1.75 | 0.49 | 2.63 | 3.24 | |
| | 3.59 | 4.16 1.73 | 1.09 3.5 | 2.76 | | | | | | |
| GENE2062X | 18594_at | 18594_at | 1 | 0.12 | 0.45 | 0.5 | 0.09 | 0.84 | 0.93 | |
| | 1.04 | 1.07 0.45 | 0.17 0.62 | 0.57 | | | | | | |
| GENE2012X | 18346_at | 18346_at | 1 | -0.15 | 0.77 | 0.49 | 0.6 | 0.55 | 1.18 | |
| | 0.96 | 0.8 0.85 | 0.05 0.65 | 1.04 | | | | | | |
| GENE245X | 12737_f_at | 12737_f_at | 1 | 1.48 | 2.12 | 3.5 | 3.56 | 1.75 | 1.39 | |
| | 1.26 | 1.3 1.49 | 1.08 1.79 | 1.45 | | | | | | |
| GENE1107X | 15475_s_at | 15475_s_at | 1 | 0.85 | 1.01 | 1.39 | 1.61 | 0.55 | 0.73 | |
| | 0.58 | 0.6 0.99 | 1.07 0.61 | 0.71 | | | | | | |
| GENE1740X | 17464_at | 17464_at | 1 | 0.52 | 0.96 | 1.37 | 1.39 | 0.79 | 0.75 | |
| | 0.48 | 0.3 0.75 | 0.77 0.35 | 0.27 | | | | | | |
| GENE1322X | 16064_s_at | 16064_s_at | 1 | 0.69 | 0.96 | 1.42 | 1.18 | 0.95 | 0.36 | |
| | 0.46 | 1.11 0.76 | 0.46 0.44 | -0.02 | | | | | | |
| GENE2174X | 18928_at | 18928_at | 1 | 1.04 | 1.48 | 1.65 | 1.09 | 1.24 | 0.8 | |
| | 1.04 | 0.57 1.01 | 0.55 0.3 | -0.05 | | | | | | |
| GENE138X | 12349_s_at | 12349_s_at | 1 | 0.93 | 1.7 | 2.25 | 1.58 | 0.98 | 0.22 | |
| | 1.37 | 1.64 1.05 | -0.05 1.16 | 0.89 | | | | | | |
| GENE2136X | 18745_f_at | 18745_f_at | 1 | 1.24 | 1.51 | 1.73 | 1.24 | 0.49 | -0.05 | |
| | 0.96 | 0.56 0.35 | 0.53 1.12 | 0.43 | | | | | | |
| GENE243X | 12730_f_at | 12730_f_at | 1 | 2.67 | 2.8 | 3.51 | 2.2 | 0.86 | 1.18 | |
| | 1.57 | 1.78 0.63 | 1.71 1.12 | 1 | | | | | | |
| GENE2487X | 20034_i_at | 20034_i_at | 1 | 1.37 | 4.36 | 4.68 | 3.65 | 3.56 | 0 | |
| | 3.58 | 2.13 3.07 | 3.1 3.48 | 1 | | | | | | |
| GENE1361X | 16150_at | 16150_at | 1 | 0.86 | 1.96 | 2.01 | 0.35 | 1.37 | 0.45 | |
| | 1.37 | 0.21 1.33 | 0.55 1.14 | 0.28 | | | | | | |
| GENE566X | 13631_at | 13631_at | 1 | 0.44 | 1.5 | 1.98 | 0.91 | 1.4 | 1.1 | |
| | 1.29 | 0.63 1.08 | 0.49 0.95 | 0.53 | | | | | | |
| GENE1235X | 15859_at | 15859_at | 1 | 0.4 | 1.13 | 2.61 | 1.58 | 1.76 | 1.02 | |
| | 1.95 | 1.15 2.76 | 2.55 1.27 | 0.48 | | | | | | |
| GENE1901X | 18022_at | 18022_at | 1 | 0.73 | 1 | 1.59 | 1.13 | 2.07 | 1.33 | |
| | 1.53 | 0.94 2.54 | 1.8 1.36 | 0.89 | | | | | | |
| GENE198X | 12544_at | 12544_at | 1 | 0.86 | 0.68 | 1.47 | 0.76 | 1.84 | 0 | |
| | 1.26 | 0.67 2.13 | 1.26 1.13 | 0 | | | | | | |

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|-----------|------------|------------|------------|-------|-------|-------|-------|------|------|
| GENE2419X | 19865_g_at | 19865_g_at | 1 | 0.58 | 0.93 | 0.61 | 0.53 | 0.98 | 0.14 |
| | 0.73 | 0.28 1.07 | 0.63 0.62 | 0.37 | | | | | |
| GENE2133X | 18738_f_at | 18738_f_at | 1 | 1.41 | 1 | 1.11 | -0.26 | 0.23 | 0.77 |
| | 1.38 | 1.34 0.55 | 0.43 1.97 | 1.62 | | | | | |
| GENE694X | 14097_at | 14097_at | 1 | 1.18 | 1.75 | 1.39 | 0.78 | 0 | -0.3 |
| | 1.89 | 1.62 0.5 | 0.5 2.19 | 1.54 | | | | | |
| GENE404X | 13175_s_at | 13175_s_at | 1 | 0.66 | 0.84 | 0.8 | 0.1 | 0.08 | 0.22 |
| | 1.05 | 0.94 0.38 | 0.4 0.86 | 0.73 | | | | | |
| GENE156X | 12428_at | 12428_at | 1 | 1.24 | 0.51 | 0.2 | 0.2 | 0.16 | 0.31 |
| | 1.14 | 0.75 0.13 | 0.34 0.42 | 0.22 | | | | | |
| GENE1039X | 15208_at | 15208_at | 1 | 0.63 | 0.83 | 1.73 | 0.35 | 0.32 | 0.44 |
| | 1.15 | 1.3 0.03 | -0.15 0.54 | 1 | | | | | |
| GENE1339X | 16099_at | 16099_at | 1 | 0.61 | 0.69 | 0.81 | 0.67 | 0.05 | 0.41 |
| | 0.92 | 1.13 -0.22 | 0.11 0.36 | 0.04 | | | | | |
| GENE1376X | 16217_s_at | 16217_s_at | 1 | 1.23 | 0.43 | 0.95 | 0.53 | 0.32 | 0.9 |
| | 1.51 | 0.29 -1 | 1.72 0.86 | 0.71 | | | | | |
| GENE636X | 13942_at | 13942_at | 1 | 0.21 | 0.73 | 1.67 | 1.58 | 1.02 | 1.35 |
| | 1.17 | 1.56 0.93 | 1.26 0.98 | 0.98 | | | | | |
| GENE2335X | 19464_at | 19464_at | 1 | 0.46 | 0.92 | 1.67 | 1.56 | 0.84 | 1.03 |
| | 1.01 | 1.15 1.08 | 0.88 0.47 | 0.43 | | | | | |
| GENE1683X | 17300_at | 17300_at | 1 | 0.33 | 0.39 | 1.24 | 1.24 | 0.55 | 1.31 |
| | 0.47 | 0.77 0.8 | 0.36 0.33 | 0.19 | | | | | |
| GENE851X | 14686_at | 14686_at | 1 | 0.17 | 0.77 | 1.46 | 1.31 | 1.6 | 1.27 |
| | 0.76 | 0.02 1.6 | 1.13 0.75 | 0.25 | | | | | |
| GENE127X | 12317_at | 12317_at | 1 | 0.21 | 0.78 | 1.47 | 1.6 | 0.95 | 0.65 |
| | 0.75 | 0.03 1.46 | 1.61 0.49 | 0.44 | | | | | |
| GENE794X | 14544_at | 14544_at | 1 | 0.33 | 0.09 | 1.15 | 1.63 | 1 | 1.05 |
| | 0.28 | 0.24 1 | 0.89 -0.02 | 0.07 | | | | | |
| GENE733X | 14404_at | 14404_at | 1 | 0.78 | -1.13 | 1.82 | 2.44 | 0.77 | 0.44 |
| | 1.34 | 1.34 1.32 | 1.83 1.04 | 1.13 | | | | | |
| GENE497X | 13468_at | 13468_at | 1 | 0.12 | -0.4 | 0.41 | 0.78 | 0.38 | 0.38 |
| | 0.71 | 0.66 1.3 | 1.3 0.54 | 0.62 | | | | | |
| GENE402X | 13171_at | 13171_at | 1 | -0.2 | -0.33 | 0.58 | 0.24 | 0.21 | 0.59 |
| | 1.17 | 0.44 0.67 | 0.87 0.36 | 0.05 | | | | | |
| GENE2476X | 19999_s_at | 19999_s_at | 1 | 1.12 | 0.93 | 0.69 | 0.5 | 0.74 | 0.73 |
| | 0.26 | 0.45 0.59 | 0.92 0.19 | 0.29 | | | | | |
| GENE779X | 14518_at | 14518_at | 1 | 0.55 | 0.67 | 0.55 | 0.33 | 1.06 | 1.24 |
| | 0.09 | 0.72 1 | 0.82 -0.36 | -0.44 | | | | | |
| GENE1853X | 17911_at | 17911_at | 1 | 0.63 | 0.28 | 0.03 | 0.34 | 0.63 | 0.71 |
| | 0.24 | 1.03 0.46 | 0.49 -0.14 | 0.21 | | | | | |
| GENE2266X | 19221_at | 19221_at | 1 | 1.01 | 0.33 | 0.62 | 0.76 | 0.81 | 0.95 |
| | 0.53 | 1.1 0.35 | 0.03 -0.16 | 0 | | | | | |
| GENE1206X | 15703_i_at | 15703_i_at | 1 | 0.86 | 0.69 | 1.09 | 0.16 | 2.32 | 1.86 |
| | 1.98 | 1.36 0.79 | 0.22 1.18 | -0.16 | | | | | |
| GENE1466X | 16493_at | 16493_at | 1 | 1.63 | 1.58 | 1.63 | 1.48 | 3.45 | 3.86 |
| | 3.72 | 3.93 0 | 1.92 1.54 | 1.66 | | | | | |
| GENE206X | 12566_at | 12566_at | 1 | 0.64 | 2.1 | 2.37 | 1.11 | 1.93 | 2.04 |
| | 2.3 | 2.98 1.32 | 0.35 0.48 | -1.58 | | | | | |
| GENE2165X | 18894_at | 18894_at | 1 | 0.4 | 0.29 | 1.17 | 1.27 | 1.23 | 0.92 |
| | 1.3 | 0.77 0.99 | 0.74 -0.15 | -0.43 | | | | | |
| GENE1512X | 16603_s_at | 16603_s_at | 1 | 1.11 | 0.35 | -0.28 | 0.05 | 0.17 | 0.34 |
| | 0.73 | 0.61 0.77 | 1.11 1.64 | 1.3 | | | | | |
| GENE148X | 12394_at | 12394_at | 1 | 1.01 | 0.4 | -0.37 | -0.52 | 0.2 | 0.13 |
| | 0.4 | 0.6 0.73 | 1.09 0.87 | 0.52 | | | | | |
| GENE891X | 14872_at | 14872_at | 1 | 0.49 | -0.29 | -0.41 | 0.83 | 0.23 | 0.12 |
| | 0.92 | 0.5 1.49 | 1.2 1 | 0.33 | | | | | |

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|-----------|------------|------------|------|-------|-------|-------|-------|------|------|
| GENE2503X | 20081_at | 20081_at | 1 | 0.51 | -0.45 | -0.81 | 0.14 | 0.64 | 0.35 |
| 1.03 | 0.43 | 1.13 | 0.81 | 0.47 | 0.38 | | | | |
| GENE2280X | 19288_at | 19288_at | 1 | 1.24 | 1.25 | 1 | 0.57 | 3.33 | 3.4 |
| 4.96 | 4.95 | 3.17 | 3.31 | 5.22 | 5.33 | | | | |
| GENE2279X | 19284_at | 19284_at | 1 | 1.03 | 0.89 | 0.92 | 0.84 | 3.17 | 3.06 |
| 4.2 | 4.2 | 2.69 | 2.25 | 4.46 | 4.06 | | | | |
| GENE1759X | 17511_s_at | 17511_s_at | 1 | 1 | 0.48 | 1.48 | 0.67 | 2.17 | 4 |
| 4.76 | 5.35 | 2.7 | 2.87 | 5.99 | 5.7 | | | | |
| GENE1156X | 15600_s_at | 15600_s_at | 1 | 0.38 | 0.52 | 0.65 | 0.41 | 1.08 | 1.06 |
| 2.27 | 2.13 | 1.52 | 1.21 | 2.73 | 2.66 | | | | |
| GENE1393X | 16298_at | 16298_at | 1 | -0.15 | 0.92 | 3.12 | 2 | 3.26 | 3.29 |
| 5.81 | 6.02 | 3.65 | 3.39 | 5.54 | 6.13 | | | | |
| GENE1111X | 15485_at | 15485_at | 1 | -0.06 | 0.06 | 0.96 | 1.09 | 1.22 | 1.36 |
| 2.53 | 3.03 | 1.58 | 1.45 | 3.03 | 3.19 | | | | |
| GENE721X | 14367_at | 14367_at | 1 | 0.49 | 0 | 0.78 | 0.66 | 0.61 | 1.43 |
| 1.17 | 1.95 | 1.08 | 0.66 | 1.9 | 1.61 | | | | |
| GENE2365X | 19638_at | 19638_at | 1 | 0.2 | 0.27 | 0.65 | -0.03 | 0.17 | 1.14 |
| 1.38 | 1.75 | 1.03 | 0.84 | 1.76 | 1.29 | | | | |
| GENE2382X | 19673_g_at | 19673_g_at | 1 | 1.35 | 1.97 | 2.22 | 0.33 | 5.29 | 5.76 |
| 7.31 | 7.45 | 5.32 | 4.72 | 7.15 | 6.3 | | | | |
| GENE2381X | 19672_at | 19672_at | 1 | 1.11 | 1.19 | 1.55 | 0.36 | 2.74 | 3.18 |
| 4.13 | 4.15 | 3.1 | 2.8 | 4.24 | 3.36 | | | | |
| GENE1984X | 18280_at | 18280_at | 1 | 0.62 | 0.85 | 0.6 | 0.31 | 1.15 | 1.73 |
| 1.95 | 2.05 | 1.33 | 1.17 | 1.68 | 1.47 | | | | |
| GENE1936X | 18122_at | 18122_at | 1 | 0.44 | 1.02 | 1.48 | 0.6 | 1.49 | 2.59 |
| 2.49 | 3.45 | 2.03 | 1.77 | 2.46 | 2.24 | | | | |
| GENE167X | 12454_at | 12454_at | 1 | 0.8 | 0.34 | 0.56 | 0.19 | 1.1 | 1.97 |
| 2.04 | 2.48 | 1.17 | 1.35 | 1.34 | 1.58 | | | | |
| GENE1831X | 17860_at | 17860_at | 1 | -0.32 | 0 | 0.51 | -0.05 | 1.9 | 3.23 |
| 3.94 | 4.32 | 1.78 | 1.95 | 3.73 | 3.63 | | | | |
| GENE1150X | 15586_s_at | 15586_s_at | 1 | 0.03 | 0.03 | 0.49 | 0.48 | 1.13 | 1.87 |
| 2.09 | 2.11 | 1.25 | 1.07 | 2.08 | 1.79 | | | | |
| GENE1171X | 15625_at | 15625_at | 1 | -0.03 | -0.09 | 0.13 | 0 | 1.3 | 1.89 |
| 1.91 | 2.01 | 1.3 | 1.3 | 1.93 | 1.65 | | | | |
| GENE1658X | 17119_s_at | 17119_s_at | 1 | 0.04 | 0.2 | 0.38 | 0.03 | 1.21 | 1.56 |
| 1.29 | 1.81 | 0.93 | 0.74 | 1.33 | 1.34 | | | | |
| GENE496X | 13467_at | 13467_at | 1 | 0.97 | -0.5 | -1.2 | 0.26 | 2.12 | 2.49 |
| 4.26 | 4.35 | 2.67 | 2.78 | 4.65 | 4.57 | | | | |
| GENE323X | 12966_s_at | 12966_s_at | 1 | 0.2 | -0.49 | -0.42 | -0.16 | 0.94 | 1.5 |
| 1.96 | 2.58 | 1.48 | 2.09 | 1.61 | 1.81 | | | | |
| GENE613X | 13860_s_at | 13860_s_at | 1 | 0 | -0.5 | -0.39 | 0.25 | 0.56 | 1.84 |
| 1.43 | 2.19 | 0.94 | 1.21 | 1.36 | 2.31 | | | | |
| GENE1130X | 15531_i_at | 15531_i_at | 1 | 0 | 0 | 0 | 0 | 1.13 | 3.29 |
| 4.3 | 4.89 | 1.92 | 2.53 | 4.23 | 2.53 | | | | |
| GENE1014X | 15154_at | 15154_at | 1 | -0.28 | -0.94 | 0.01 | -0.47 | 2.2 | 2.13 |
| 2.64 | 4.64 | 1.37 | 1.26 | 3.65 | 2.61 | | | | |
| GENE954X | 15052_at | 15052_at | 1 | 0.04 | 0.15 | -0.14 | -0.33 | 1.32 | 2.04 |
| 2.06 | 2.59 | 0.95 | 0.77 | 1.97 | 1.62 | | | | |
| GENE1857X | 17922_at | 17922_at | 1 | 0.34 | 0.09 | -0.02 | -0.11 | 1.13 | 1.09 |
| 1.55 | 2.23 | 0.72 | 0.82 | 1.24 | 1.32 | | | | |
| GENE1482X | 16524_at | 16524_at | 1 | -0.46 | 0.28 | 0.32 | -0.89 | 1.32 | 1.46 |
| 1.68 | 2.18 | 1.72 | 1.69 | 1.61 | 1.41 | | | | |
| GENE2107X | 18681_at | 18681_at | 1 | -0.07 | 0.44 | 0.36 | -0.22 | 0.96 | 1.74 |
| 1.46 | 1.71 | 1.34 | 1.82 | 1.32 | 1 | | | | |
| GENE236X | 12698_at | 12698_at | 1 | -0.77 | -0.42 | -0.66 | -0.8 | 1.43 | 1.96 |
| 2.65 | 2.99 | 2.73 | 2.59 | 3.43 | 3.16 | | | | |

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|-----------|------------|------------|-----------|-------|-------|-------|-------|-------|------|
| GENE543X | 13588_at | 13588_at | 1 | -0.48 | -0.28 | -0.11 | -0.91 | 1.75 | 1.99 |
| | 2.03 | 2.06 2.83 | 2.79 2.74 | 2.57 | | | | | |
| GENE2399X | 19762_at | 19762_at | 1 | -0.93 | 0.81 | -0.07 | -0.58 | 3.63 | 4.65 |
| | 4.13 | 5.12 4.08 | 3.53 5 | 4.08 | | | | | |
| GENE2371X | 19646_at | 19646_at | 1 | -0.49 | -0.23 | -0.42 | -0.43 | 3 | 3.77 |
| | 3.73 | 3.64 3.42 | 3.46 3.55 | 3.5 | | | | | |
| GENE279X | 12797_s_at | 12797_s_at | 1 | 0.13 | -0.01 | 0.07 | -0.35 | 0.95 | 1.09 |
| | 1.28 | 1.11 0.84 | 0.96 1.55 | 0.98 | | | | | |
| GENE848X | 14673_s_at | 14673_s_at | 1 | 0 | -0.93 | 0.25 | -0.07 | 1.91 | 2.44 |
| | 2.53 | 2.86 2.55 | 3.09 3.07 | 3.26 | | | | | |
| GENE628X | 13918_at | 13918_at | 1 | 0.07 | -0.2 | -0.16 | 0.07 | 0.93 | 1.06 |
| | 1.04 | 1.08 1.29 | 0.96 1.1 | 0.95 | | | | | |
| GENE691X | 14089_at | 14089_at | 1 | -0.27 | -0.63 | 0.87 | 0.75 | 2.45 | 2.87 |
| | 4.28 | 4.15 2.92 | 2.92 4.8 | 4.38 | | | | | |
| GENE936X | 15005_s_at | 15005_s_at | 1 | 0.32 | -0.19 | 1.12 | 0.32 | 1.8 | 2.24 |
| | 3.29 | 3.4 2.39 | 2.12 4.01 | 3.29 | | | | | |
| GENE2576X | 20291_at | 20291_at | 1 | -0.15 | 0.25 | 0.58 | 0.35 | 0.9 | 1.13 |
| | 1.78 | 1.71 1.42 | 1.32 2.56 | 1.91 | | | | | |
| GENE1956X | 18224_s_at | 18224_s_at | 1 | -0.15 | -0.09 | 1.41 | -0.2 | 1.34 | 2.43 |
| | 3.6 | 3.66 2.48 | 2.95 4.04 | 4.4 | | | | | |
| GENE93X | 12227_at | 12227_at | 1 | 0.16 | 0.24 | 0.37 | -0.11 | 0.97 | 1.36 |
| | 2.37 | 2.22 1.96 | 1.92 2.41 | 2.38 | | | | | |
| GENE1760X | 17516_at | 17516_at | 1 | -1.13 | 0.93 | 1.18 | 0.34 | 2.14 | 2.55 |
| | 3.11 | 2.68 3 | 2.94 3.62 | 3.5 | | | | | |
| GENE833X | 14638_at | 14638_at | 1 | -0.31 | 0.44 | 0.55 | 0.31 | 1 | 1.08 |
| | 1.37 | 1.21 1.76 | 1.36 1.87 | 1.92 | | | | | |
| GENE1346X | 16115_at | 16115_at | 1 | 0.64 | 0.31 | 0.14 | -0.25 | 2.88 | 3.67 |
| | 3.62 | 3.59 3.37 | 3.07 3.68 | 2.96 | | | | | |
| GENE1192X | 15669_s_at | 15669_s_at | 1 | 0.49 | 0.42 | 0.26 | 0.13 | 2.8 | 2.67 |
| | 3.05 | 2.64 3.12 | 2.95 3.17 | 2.43 | | | | | |
| GENE180X | 12500_s_at | 12500_s_at | 1 | 0.17 | 0.6 | 0.7 | -0.01 | 1.99 | 2.71 |
| | 2.26 | 2.37 2.38 | 2.38 2.29 | 2.35 | | | | | |
| GENE2537X | 20194_at | 20194_at | 1 | 1.07 | 0.58 | 0.41 | 0.78 | 1.96 | 4.05 |
| | 3.39 | 4.35 3.39 | 3.85 4.18 | 4.18 | | | | | |
| GENE1763X | 17522_at | 17522_at | 1 | 0.31 | 0.57 | 0.11 | -0.12 | 0.97 | 1.29 |
| | 1.45 | 1.29 0.82 | 1.33 1.35 | 1.38 | | | | | |
| GENE185X | 12522_at | 12522_at | 1 | 0.67 | -0.64 | -0.67 | 0.06 | 0.71 | 0.93 |
| | 0.83 | 1.44 0.65 | 0.54 0.91 | 1.02 | | | | | |
| GENE1801X | 17636_at | 17636_at | 1 | 0.32 | -0.71 | -0.71 | 0 | 0.54 | 0.82 |
| | 0.55 | 1.09 0.72 | 1.15 0.39 | 0.94 | | | | | |
| GENE88X | 12216_at | 12216_at | 1 | 0.15 | -0.36 | -1.17 | 0 | -0.28 | 0.91 |
| | 1.29 | 2.21 0.81 | 1.64 1.44 | 1.34 | | | | | |
| GENE1088X | 15429_at | 15429_at | 1 | -0.21 | -0.15 | -0.42 | -0.15 | 0.39 | 0.42 |
| | 0.55 | 1.09 0.72 | 0.97 0.28 | 0.66 | | | | | |
| GENE184X | 12521_at | 12521_at | 1 | 0.06 | 0 | -1.07 | -0.3 | 1.35 | 1.15 |
| | 1.78 | 0.83 0.22 | 0.95 1.32 | 1.57 | | | | | |
| GENE524X | 13555_at | 13555_at | 1 | 0.72 | -0.23 | -0.59 | -0.53 | 2.01 | 2.55 |
| | 2.25 | 2.32 1.43 | 1.39 1.69 | 1.53 | | | | | |
| GENE194X | 12536_s_at | 12536_s_at | 1 | 1.51 | 0.34 | -0.89 | -0.6 | 1.69 | 1.53 |
| | 1.73 | 2.07 1 | 0.82 1.29 | 1 | | | | | |
| GENE1074X | 15382_at | 15382_at | 1 | 2.14 | -0.48 | -0.22 | -0.48 | 0.94 | 1.5 |
| | 0.46 | 2.02 0.38 | 0.62 0.1 | 0 | | | | | |
| GENE881X | 14785_g_at | 14785_g_at | 1 | 1.35 | -0.03 | -0.54 | 0.53 | 0 | 1.26 |
| | 0.26 | 1 1.13 | 0.26 0 | 0 | | | | | |
| GENE2242X | 19171_at | 19171_at | 1 | 0.22 | 1.28 | 1.26 | -0.06 | 1.69 | 1.13 |
| | 1.58 | 1.09 1.57 | 0.91 1.46 | 0.67 | | | | | |

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|-----------|------------|------------|-------------|-------|------|------|-------|------|-------|---|--|
| GENE2625X | 20438_at | 20438_at | 1 | 0.02 | 0.8 | 0.94 | 0.04 | 1.19 | 0.16 | | |
| | 1.08 | 0.41 1.27 | 0.28 1.27 | 0.46 | | | | | | | |
| GENE1615X | 17014_s_at | 17014_s_at | 1 | 0.11 | 0.69 | 0.73 | -0.15 | 1.11 | 0.44 | | |
| | 1.08 | 0.24 0.67 | -0.15 0.71 | 0.15 | | | | | | | |
| GENE519X | 13549_at | 13549_at | 1 | 0.22 | 0.42 | 0.78 | -0.15 | 1.17 | 0.52 | | |
| | 0.24 | -0.16 0.95 | -0.41 1.12 | 0.15 | | | | | | | |
| GENE852X | 14691_at | 14691_at | 1 | -0.71 | 1.23 | 1.01 | -0.46 | 0.75 | 0.7 | | |
| | 1.14 | 0.17 0.74 | -0.86 0.73 | 0.03 | | | | | | | |
| GENE658X | 14016_s_at | 14016_s_at | 1 | 0.58 | 3.55 | 3.95 | 1.17 | 2.13 | 0 | 0 | |
| | 0 | 2.8 0.26 | 3.58 0.48 | | | | | | | | |
| GENE1025X | 15181_at | 15181_at | 1 | 0.06 | 1.14 | 1.23 | 0.4 | 1.51 | 0.37 | | |
| | 0.93 | -0.49 1.54 | 0.35 1.34 | 0.43 | | | | | | | |
| GENE46X | 12115_at | 12115_at | 1 | 1.36 | 2.31 | 2.46 | 1.34 | 2.43 | 0.13 | | |
| | 0.74 | -1.45 2.16 | 0.87 1.1 | -0.23 | | | | | | | |
| GENE834X | 14640_at | 14640_at | 1 | 0.65 | 1.95 | 2.24 | 1.36 | 2.26 | 0.08 | | |
| | 0.55 | -1.55 2.36 | 0.47 1.17 | -0.22 | | | | | | | |
| GENE1852X | 17909_at | 17909_at | 1 | 0.59 | 0.61 | 0.91 | 0.49 | 0.95 | -0.19 | | |
| | 0.46 | -0.44 0.54 | -0.11 1.25 | -0.34 | | | | | | | |
| GENE1605X | 16989_at | 16989_at | 1 | 0.59 | 0.53 | 1.13 | 0.76 | 1.22 | 0.51 | | |
| | 0.18 | 0.09 0.41 | 0 0.35 | -0.21 | | | | | | | |
| GENE2094X | 18663_s_at | 18663_s_at | 1 | -0.04 | 0.59 | 1.02 | 0.27 | 0.8 | 0 | - | |
| | 0.06 | -0.2 0.84 | -0.23 0.28 | -0.52 | | | | | | | |
| GENE2431X | 19892_at | 19892_at | 1 | 0.35 | 1.07 | 1.24 | 0.64 | 0.82 | -0.04 | - | |
| | 0.13 | -0.54 0.86 | 0.06 0.15 | -0.57 | | | | | | | |
| GENE612X | 13855_at | 13855_at | 1 | 0.6 | 1.45 | 1.47 | 0.38 | 0.77 | 0.26 | | |
| | 1.06 | 0.03 0.78 | -0.9 0.73 | -0.29 | | | | | | | |
| GENE135X | 12345_at | 12345_at | 1 | 0.51 | 1.64 | 1.36 | 0.41 | 0.53 | 0.06 | | |
| | 0.6 | -0.08 0.42 | -0.86 0.47 | -0.39 | | | | | | | |
| GENE2660X | 20539_at | 20539_at | 1 | 0.76 | 1.08 | 1.18 | 0.93 | 0.03 | -0.84 | | |
| | 0.62 | 0.64 0.37 | -0.15 0.45 | -0.76 | | | | | | | |
| GENE35X | 12079_s_at | 12079_s_at | 1 | 2.17 | 3.32 | 3.39 | 2.22 | 2 | 0 | | |
| | 1.58 | 0 1.26 | 0.26 1.84 | 0 | | | | | | | |
| GENE2716X | 20698_at | 20698_at | 1 | 1.25 | 2.15 | 1.76 | 1.53 | 1.13 | 0 | 0 | |
| | 0 | 0 0.26 | 0.48 0 | | | | | | | | |
| GENE2707X | 20662_g_at | 20662_g_at | 1 | 0.96 | 1.24 | 0.91 | 0.86 | 0.41 | 0.51 | - | |
| | 0.02 | -0.17 0.07 | -0.07 -0.07 | -0.4 | | | | | | | |
| GENE1685X | 17317_at | 17317_at | 1 | 1.29 | 3.33 | 2.89 | 1.67 | 1.45 | 0.24 | | |
| | 0.63 | 0 0.16 | -0.67 -0.36 | -0.84 | | | | | | | |
| GENE20X | 12031_at | 12031_at | 1 | 0.61 | 0.26 | 0.29 | 0.39 | 0.19 | 0.24 | | |
| | 0.1 | -0.24 1.02 | 0.93 0.94 | 0.6 | | | | | | | |
| GENE2536X | 20191_at | 20191_at | 1 | 0.51 | 0.18 | 0.11 | 0.19 | 0.34 | -0.11 | | |
| | 0.23 | -0.12 1.03 | 0.89 0.68 | 0.27 | | | | | | | |
| GENE2305X | 19393_at | 19393_at | 1 | 0.44 | 0.47 | 0.14 | 0.58 | 0.33 | 0.21 | | |
| | 0.1 | 0.1 1.06 | 1.02 0.61 | 0.13 | | | | | | | |
| GENE2020X | 18383_at | 18383_at | 1 | 1.45 | 0.47 | 0.4 | 0.8 | 0 | 0 | 0 | |
| | 0 | 2.13 2 | 0.67 1.48 | | | | | | | | |
| GENE927X | 14988_at | 14988_at | 1 | 0.47 | 1.45 | 1.91 | 1.36 | 1.85 | 0.7 | | |
| | 0.93 | 0.62 3.06 | 3.2 1.86 | 1.89 | | | | | | | |
| GENE2301X | 19384_at | 19384_at | 1 | 0.37 | 0.49 | 1.03 | 0.83 | 1.24 | 0.14 | | |
| | 0.57 | 0.12 2.09 | 2.16 1.16 | 1.16 | | | | | | | |
| GENE476X | 13367_at | 13367_at | 1 | 0.37 | 0.37 | 0.77 | 0.37 | 0.85 | 0.12 | | |
| | 0.35 | 0.35 1.74 | 1.44 0.67 | 0.79 | | | | | | | |
| GENE509X | 13534_at | 13534_at | 1 | 0.1 | 0.28 | 0.74 | 0.37 | 0.63 | 0.09 | | |
| | 0.2 | -0.06 1.48 | 1.36 0.92 | 0.92 | | | | | | | |
| GENE836X | 14646_s_at | 14646_s_at | 1 | 0.05 | 0.71 | 0.87 | 0.36 | 0.79 | 0.14 | | |
| | 0.23 | 0.03 1.86 | 1.21 0.73 | 0.92 | | | | | | | |

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|-----------|------------|-----------------|-----------|-------|------|-------|-------|------|------|---|--|
| GENE1727X | 17431_at | 17431_at | 1 | 0.4 | 0.47 | 0.53 | 0.28 | 0.55 | 0.38 | | |
| | 0.42 | 0.42 1.3 | 1.47 0.76 | 0.75 | | | | | | | |
| GENE761X | 14481_at | 14481_at | 1 | 0.4 | 0.48 | 0.3 | 0.19 | 0.25 | 0.44 | | |
| | 0.31 | 0.33 1.07 | 1.06 0.7 | 0.73 | | | | | | | |
| GENE2661X | 20551_at | 20551_at | 1 | 0.44 | 0.78 | 0.92 | 0.73 | 0.28 | 0.52 | | |
| | 0.27 | 0.14 1.48 | 1.53 0.87 | 1.12 | | | | | | | |
| GENE2110X | 18686_at | 18686_at | 1 | 0.22 | 0.29 | 0.33 | 0.56 | 0.24 | 0.33 | | |
| | 0.2 | 0.26 1.14 | 0.94 0.63 | 0.81 | | | | | | | |
| GENE2711X | 20685_at | 20685_at | 1 | 0.66 | 1.29 | 1.36 | 0.97 | 0.78 | 0.55 | | |
| | 0.5 | -0.02 2.04 | 2.33 1.32 | 1.02 | | | | | | | |
| GENE30X | 12062_at | 12062_at | 1 | 0.62 | 1.21 | 1.34 | 0.89 | 0.5 | 0.13 | | |
| | 0.43 | -0.26 1.71 | 1.89 1.12 | 1.05 | | | | | | | |
| GENE1821X | 17818_at | 17818_at | 1 | 0.43 | 0.51 | 0.69 | 0.31 | 0.32 | 0.07 | | |
| | 0.4 | 0.08 1.2 | 1.17 0.73 | 0.5 | | | | | | | |
| GENE2614X | 20397_at | 20397_at | 1 | 0.5 | 0.73 | 0.58 | 0.45 | 0.34 | 0.42 | | |
| | 0.21 | -0.11 1.2 | 1.02 0.55 | 0.33 | | | | | | | |
| GENE1593X | 16955_at | 16955_at | 1 | 0.84 | 0.37 | 0.82 | 0.89 | 0.65 | 0.14 | | |
| | 0.61 | -0.15 1.56 | 1.3 0.96 | 0.83 | | | | | | | |
| GENE944X | 15032_at | 15032_at | 1 | 0.62 | 0.58 | 0.8 | 0.67 | 0.67 | 0.13 | | |
| | 0.24 | -0.33 1.75 | 1.4 0.75 | 0.87 | | | | | | | |
| GENE2674X | 20584_at | 20584_at | 1 | 0.58 | 0.25 | 0.61 | 0.53 | 0.59 | 0.35 | | |
| | 0.31 | -0.13 1.37 | 1.14 0.7 | 0.73 | | | | | | | |
| GENE1986X | 18282_at | 18282_at | 1 | 1.45 | 0.2 | 0.37 | 0.67 | 1.84 | 1.43 | | |
| | 0.47 | -1.06 2.07 | 1.92 0.93 | 0.72 | | | | | | | |
| GENE2556X | 20245_s_at | 20245_s_at | 1 | 0.61 | 0.39 | -0.35 | 0.39 | 0.59 | 0.21 | | |
| | 0.08 | -0.61 1.31 | 1.72 0.4 | 0.57 | | | | | | | |
| GENE676X | 14058_at | 14058_at | 1 | 0.22 | 0.47 | 0.6 | 0.18 | 0.48 | 0.88 | | |
| | 0.5 | 0.14 1.31 | 1.07 0.44 | 0.45 | | | | | | | |
| GENE614X | 13863_at | 13863_at | 1 | 1.22 | 1.22 | 1.87 | 1.11 | 1.91 | 2.87 | | |
| | 1.46 | 1.79 3.91 | 3.8 1.72 | 2.52 | | | | | | | |
| GENE1997X | 18304_s_at | 18304_s_at | 1 | 0.42 | 0.32 | 0.45 | 0.08 | 0.48 | 0.78 | | |
| | 0.07 | 0.38 1.01 | 1.08 0.31 | 0.69 | | | | | | | |
| GENE1691X | 17329_at | 17329_at | 1 | 0.74 | 0.76 | 0.63 | 0.43 | 0.54 | 0.72 | | |
| | 0.16 | 0.36 0.98 | 1.19 0.41 | 0.39 | | | | | | | |
| GENE1260X | 15915_at | 15915_at | 1 | 1.47 | 0.91 | 1 | 0.63 | 0.87 | 2.22 | | |
| | 0.34 | 0.67 2.19 | 2.08 0.2 | 0.34 | | | | | | | |
| GENE997X | 15129_at | 15129_at | 1 | 0.88 | 0.57 | 0.52 | 0.89 | 0.79 | 0.96 | - | |
| | 0.03 | 0.13 1.41 1.31 | 0.14 0.64 | | | | | | | | |
| GENE1246X | 15884_at | 15884_at | 1 | 0.86 | 0.52 | 0.56 | 0.33 | 0.19 | 0.68 | - | |
| | 0.03 | -0.09 1.23 1.14 | 0.4 0.58 | | | | | | | | |
| GENE1221X | 15795_g_at | 15795_g_at | 1 | 0.51 | 0.8 | 0.45 | -0.22 | 1.55 | 1.14 | | |
| | 0.29 | -0.26 2.12 | 1.81 0.73 | 0.19 | | | | | | | |
| GENE350X | 13069_at | 13069_at | 1 | 0.18 | 0.48 | 0.31 | -0.05 | 1.23 | 0.64 | | |
| | 0.22 | -0.4 1.95 | 1.86 0.82 | 0.03 | | | | | | | |
| GENE1988X | 18286_at | 18286_at | 1 | -0.09 | 0.28 | 0.19 | -0.09 | 0.78 | 0.54 | | |
| | 0.21 | -0.00631 | 1.08 1.04 | 0.41 | 0.03 | | | | | | |
| GENE1878X | 17964_at | 17964_at | 1 | 0.4 | 0.35 | 0.29 | 0.12 | 1.28 | 0.58 | | |
| | 0.21 | -0.13 2.05 | 1.45 0.3 | 0.44 | | | | | | | |
| GENE1566X | 16840_at | 16840_at | 1 | 0 | 0.2 | 0.32 | -0.14 | 2.05 | 2.58 | | |
| | 0.04 | -0.8 3.36 | 3.36 0.51 | 1.11 | | | | | | | |
| GENE2102X | 18673_at | 18673_at | 1 | -0.26 | 0.1 | 0.56 | 0.23 | 0.74 | 0.68 | | |
| | 0.17 | -0.31 1.29 | 1.05 0.4 | 0.32 | | | | | | | |
| GENE2685X | 20614_s_at | 20614_s_at | 1 | 0.5 | 0.48 | 0.24 | -0.2 | 1.02 | 0.11 | | |
| | 0.38 | -0.19 1.31 | 1.11 0.1 | -0.05 | | | | | | | |
| GENE1557X | 16786_at | 16786_at | 1 | 0.53 | 0.71 | 0.53 | -0.02 | 1.03 | 0.66 | | |
| | 0.41 | -0.05 0.84 | 1.11 -0.1 | 0.18 | | | | | | | |

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|-----------|------------|------------|------|-------|-------|-------|-------|-------|-------|---|
| GENE1940X | 18165_at | 18165_at | 1 | 1.03 | -0.07 | 0.6 | 0.48 | 0.56 | 0.81 | - |
| | 0.14 | -0.05 | 1.51 | 1.25 | -0.14 | -0.2 | | | | |
| GENE1574X | 16900_at | 16900_at | 1 | 0.24 | 0.38 | 0.9 | 0.93 | 1.49 | 0.09 | - |
| | 0.11 | -0.58 | 1.65 | 1.36 | 0.49 | -0.84 | | | | |
| GENE1394X | 16299_at | 16299_at | 1 | 1.33 | 0.72 | 1.14 | 1.54 | 2.11 | 0.87 | - |
| | 0.94 | -1.39 | 2.64 | 2.68 | -0.47 | -1.56 | | | | |
| GENE2615X | 20402_at | 20402_at | 1 | 0.1 | 0.42 | 0.59 | 0.62 | 0.52 | 0.85 | - |
| | 0.28 | -0.22 | 1.06 | 0.97 | 0.46 | 0.1 | | | | |
| GENE63X | 12158_at | 12158_at | 1 | 0.19 | 0.54 | 0.75 | 0.9 | 0.4 | 0.61 | |
| | 0.11 | 0.09 | 1.5 | 1.11 | -0.03 | 0.13 | | | | |
| GENE734X | 14408_at | 14408_at | 1 | 0.94 | 1.91 | 2.58 | 1.91 | 0.53 | 0.44 | - |
| | 0.26 | -0.76 | 2.37 | 2.19 | 0.3 | 0.45 | | | | |
| GENE1024X | 15176_s_at | 15176_s_at | 1 | 0.58 | 0.89 | 1.33 | 0.83 | 0.82 | 0.6 | - |
| | 0.41 | -0.77 | 1.51 | 1.12 | -0.1 | 0.15 | | | | |
| GENE839X | 14656_i_at | 14656_i_at | 1 | -1.48 | 0.28 | 0.19 | 0.28 | 0.8 | 0.7 | |
| | 0.26 | -1 | 2.8 | 1.95 | 1.88 | 0.76 | | | | |
| GENE1564X | 16819_at | 16819_at | 1 | -0.42 | -0.42 | -0.03 | -0.7 | 1.72 | 0.62 | |
| | 0.41 | -2.32 | 3.12 | 2.94 | 1.69 | 1.3 | | | | |
| GENE1584X | 16929_at | 16929_at | 1 | -0.14 | 0.13 | 0.13 | -0.46 | 0.85 | 0.7 | |
| | 0.15 | -0.81 | 1.65 | 1.7 | 0.56 | 0.29 | | | | |
| GENE94X | 12229_at | 12229_at | 1 | -0.05 | 0.75 | 0.69 | 0.38 | 0.85 | 0.19 | - |
| | 0.41 | -0.55 | 1.17 | 1.07 | 0.34 | -0.03 | | | | |
| GENE8X | 12000_at | 12000_at | 1 | 0.25 | 0.71 | 0.65 | 0.16 | 1.29 | 0.09 | - |
| | 0.03 | -1.09 | 2 | 1.63 | 0.06 | -0.37 | | | | |
| GENE1664X | 17182_at | 17182_at | 1 | -0.4 | 0.23 | 0.48 | 0.09 | 0.76 | 0.62 | - |
| | 0.32 | -1.07 | 1.22 | 1.22 | 0.2 | 0.13 | | | | |
| GENE2651X | 20519_at | 20519_at | 1 | 0.54 | 0 | -0.37 | -0.37 | 0 | -0.13 | - |
| | 0.77 | -0.83 | 1.28 | 2.21 | 0.5 | 0.27 | | | | |
| GENE2662X | 20552_at | 20552_at | 1 | 0.17 | -0.01 | 0.16 | 0.01 | 0.2 | 0.26 | - |
| | 0.38 | -0.43 | 0.82 | 1.14 | -0.02 | 0.43 | | | | |
| GENE2595X | 20354_s_at | 20354_s_at | 1 | -0.23 | -0.11 | -0.2 | -0.16 | -0.11 | 0.17 | |
| | 0.06 | -0.35 | 1.06 | 1.45 | 0.32 | 0.31 | | | | |
| GENE2035X | 18487_at | 18487_at | 1 | -0.08 | 0.05 | -0.28 | -0.25 | 0.27 | 0.23 | |
| | 0.13 | -0.28 | 0.94 | 1.3 | 0.12 | 0.33 | | | | |
| GENE1977X | 18269_at | 18269_at | 1 | 1.12 | -0.05 | -0.11 | -0.5 | 1.62 | 1.32 | - |
| | 0.08 | -0.45 | 1.93 | 2.14 | 0.64 | 0.07 | | | | |
| GENE748X | 14450_at | 14450_at | 1 | 0.45 | 0.06 | -0.01 | -0.42 | 0.47 | 0.54 | - |
| | 0.44 | -0.46 | 1.06 | 1.13 | 0.22 | -0.03 | | | | |
| GENE648X | 13973_at | 13973_at | 1 | 0.1 | -0.22 | -0.03 | -0.6 | 1 | 1.25 | - |
| | 0.27 | -1.27 | 0.91 | 1.5 | 0.16 | -0.31 | | | | |
| GENE2699X | 20645_s_at | 20645_s_at | 1 | 0.18 | 0.14 | 0.37 | -0.24 | 0.16 | 0.65 | - |
| | 0.32 | -0.56 | 1.17 | 1.15 | 0.18 | -0.26 | | | | |
| GENE647X | 13968_at | 13968_at | 1 | 0.74 | 0.44 | -0.22 | -0.1 | 0.73 | 0.73 | - |
| | 0.42 | -1.08 | 1.25 | 1.41 | -0.05 | -0.31 | | | | |
| GENE348X | 13063_at | 13063_at | 1 | 0.2 | -0.82 | -0.52 | 0.25 | 1.16 | 0.11 | - |
| | 0.47 | -0.87 | 1.48 | 1.21 | 0.02 | -0.34 | | | | |
| GENE2582X | 20300_g_at | 20300_g_at | 1 | 1.52 | 0.5 | -0.32 | 0.21 | 0.34 | -0.18 | |
| | 0.56 | -0.78 | 1.18 | 1.18 | 0.54 | 0.21 | | | | |
| GENE2581X | 20299_at | 20299_at | 1 | 0.95 | 0.14 | -0.81 | -0.18 | 0.37 | 0.1 | |
| | 0.35 | -1 | 1.08 | 1.23 | 0.3 | -0.31 | | | | |
| GENE1736X | 17451_at | 17451_at | 1 | 1.22 | 0.18 | -0.11 | 0.39 | 1.1 | 0.59 | |
| | 0.13 | -0.6 | 0.35 | 0.44 | -0.12 | 0.21 | | | | |
| GENE112X | 12274_at | 12274_at | 1 | 0.61 | 1.45 | 0.92 | 1.36 | 0.95 | -0.16 | |
| | 0.31 | -0.23 | 1.78 | 1.61 | 0.73 | -0.04 | | | | |
| GENE2228X | 19128_at | 19128_at | 1 | 0.83 | 1.07 | 1.08 | 0.75 | 0.96 | 0.3 | |
| | 0.39 | -0.13 | 1.34 | 1.23 | 0.66 | 0.17 | | | | |

| | | | | | | | | | | |
|-----------|------------|------------|-------|---------|-------|-------|-------|------|-------|---|
| GENE812X | 14592_at | 14592_at | 1 | 0.84 | 0.81 | 0.84 | 0.41 | 1 | 0.16 | |
| | 0.35 | 0.06 | 1.27 | 1.15 | 0.16 | 0.04 | | | | |
| GENE2387X | 19698_at | 19698_at | 1 | 0.67 | 1.05 | 0.89 | -0.03 | 0.85 | -0.11 | |
| | 0.23 | -0.74 | 1.28 | 1.08 | 0.45 | -0.13 | | | | |
| GENE2302X | 19388_at | 19388_at | 1 | 0.66 | 0.41 | 0.5 | 0.35 | 0.3 | -0.35 | - |
| | 0.55 | -0.3 | 0.72 | 1.17 | -0.07 | -0.09 | | | | |
| GENE2263X | 19216_at | 19216_at | 1 | 1.08 | 0.65 | 0.41 | 0.74 | 0.52 | -0.6 | |
| | 0.08 | -0.31 | 0.42 | 1 | -0.3 | -0.13 | | | | |
| GENE1397X | 16303_at | 16303_at | 1 | 0.09 | 0.3 | 0.26 | -0.23 | 0.77 | 0.86 | |
| | 0.32 | 0.13 | 0.97 | 1.53 | 0.23 | 0.16 | | | | |
| GENE2288X | 19364_at | 19364_at | 1 | 0.00851 | | -0.07 | 0.22 | -0.2 | 0.52 | |
| | 0.73 | 0.18 | 0.34 | 1.07 | 1.11 | 0.11 | 0.25 | | | |
| GENE892X | 14875_at | 14875_at | 1 | 0.32 | 0.02 | -0.04 | -0.11 | 0.22 | 0.65 | |
| | 0.19 | 0.31 | 0.85 | 1.24 | -0.01 | 0.05 | | | | |
| GENE506X | 13521_at | 13521_at | 1 | 0.2 | 0.35 | -0.04 | 0.04 | 0.72 | 0.8 | |
| | 0.09 | 0.66 | 1.2 | 1.37 | -0.03 | 0.03 | | | | |
| GENE211X | 12592_at | 12592_at | 1 | 0.03 | -0.02 | -0.19 | -0.46 | 0.61 | 0.74 | |
| | 0.42 | 0.28 | 1.01 | 1.06 | 0.16 | -0.83 | | | | |
| GENE1248X | 15891_at | 15891_at | 1 | 0.44 | 0.06 | 0.62 | 1.29 | 3.26 | 3.76 | - |
| | 0.14 | -0.33 | 2.58 | 2.48 | 0.15 | -0.51 | | | | |
| GENE66X | 12163_at | 12163_at | 1 | 0.8 | 0.47 | 0.32 | 0.4 | 1.8 | 2.27 | |
| | 0.38 | 0.51 | 1.97 | 2.05 | 0.08 | 0 | | | | |
| GENE618X | 13895_at | 13895_at | 1 | 0.04 | 0.09 | 0 | 0 | 1.95 | 1.32 | |
| | 0.27 | 0.51 | 1.45 | 0.43 | -0.45 | 0.08 | | | | |
| GENE1629X | 17052_s_at | 17052_s_at | 1 | 0.18 | -0.13 | -0.6 | -0.87 | 1.14 | 1.63 | |
| | 0.5 | 0.62 | 1.27 | 1.24 | 0 | 0.25 | | | | |
| GENE2021X | 18411_at | 18411_at | 1 | -0.21 | -0.2 | -0.5 | -0.41 | 0.59 | 1.01 | |
| | 0.06 | 0.05 | 1.13 | 0.77 | -0.5 | 0.21 | | | | |
| GENE2195X | 18965_at | 18965_at | 1 | -0.85 | -0.45 | -0.4 | -0.88 | 0.92 | 1.53 | |
| | 0.23 | 0.4 | 0.71 | 0.97 | -0.16 | -0.23 | | | | |
| GENE1516X | 16611_at | 16611_at | 1 | -0.2 | -1.12 | -0.56 | -0.62 | 0.97 | 1.85 | |
| | 0.25 | 0.61 | 0.88 | 1.4 | -0.38 | -0.15 | | | | |
| GENE230X | 12666_at | 12666_at | 1 | -0.03 | -0.14 | 0.21 | -0.02 | 0.55 | -0.19 | |
| | 0.3 | -0.19 | 1.01 | 0.74 | 0 | -0.38 | | | | |
| GENE1621X | 17039_at | 17039_at | 1 | -0.43 | 0.17 | 0.38 | -0.93 | 1.06 | -0.13 | |
| | 0.05 | -0.44 | 0.96 | 1.3 | -0.08 | -0.67 | | | | |
| GENE2667X | 20569_s_at | 20569_s_at | 1 | -0.57 | -0.35 | -0.7 | -0.26 | 1.16 | 0.56 | - |
| | 0.18 | -0.5 | 0.69 | 0.78 | -0.18 | -0.21 | | | | |
| GENE1741X | 17467_at | 17467_at | 1 | -0.83 | -0.15 | -0.38 | -0.22 | 1.08 | 0 | 0 |
| | 0.05 | 1.01 | 0.74 | -0.22 | 0.26 | | | | | |
| GENE28X | 12052_at | 12052_at | 1 | -0.3 | 0.44 | 0.08 | -0.61 | 1.13 | 0.78 | - |
| | 0.27 | -0.27 | 1.13 | 0.56 | -0.59 | -0.32 | | | | |
| GENE154X | 12421_at | 12421_at | 1 | 0.35 | 0.84 | 0.76 | 0.06 | 0.54 | 0.44 | - |
| | 0.61 | -1.76 | 1.12 | 1.79 | -0.17 | -0.87 | | | | |
| GENE2103X | 18675_at | 18675_at | 1 | -0.43 | 0.56 | 0.43 | -0.74 | 0.69 | 0.42 | - |
| | 0.5 | -1.37 | 0.74 | 1.02 | -0.61 | -1.21 | | | | |
| GENE938X | 15013_at | 15013_at | 1 | 0.6 | 1.18 | 0.74 | -0.05 | 0.61 | 0.55 | - |
| | 0.22 | -0.71 | 1.14 | 0.55 | -0.35 | -0.96 | | | | |
| GENE2096X | 18665_r_at | 18665_r_at | 1 | 0.24 | 0.31 | 0.15 | -0.22 | 1.37 | 0.44 | - |
| | 0.04 | -1.1 | 0.98 | 0.75 | -0.66 | -2.04 | | | | |
| GENE141X | 12359_s_at | 12359_s_at | 1 | 0.29 | -0.05 | -0.21 | -0.18 | 0.72 | 0.79 | - |
| | 0.7 | -0.34 | 1 | 0.93 | -0.8 | -1.08 | | | | |
| GENE1323X | 16065_at | 16065_at | 1 | 0.58 | -0.29 | 0.08 | 0.24 | 0.66 | 0.77 | - |
| | 0.81 | -0.35 | 0.23 | 1.16 | -1.65 | -0.95 | | | | |
| GENE2600X | 20362_at | 20362_at | 1 | 0.88 | 0.61 | 0.42 | 0.69 | -0.4 | -1.1 | |
| | 3.11 | 2.62 | -0.83 | -0.72 | 2.26 | 1.58 | | | | |

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|-----------|------------|------------|-------|-------|-------|-------|-------|-------|-------|
| GENE83X | 12198_at | 12198_at | 1 | -0.04 | 0.1 | 0.75 | 0.95 | -0.57 | -0.48 |
| 1.14 | 0.98 | -0.57 | -0.24 | 1.05 | 0.79 | | | | |
| GENE880X | 14784_at | 14784_at | 1 | 1.23 | 0.22 | -0.69 | 0.55 | -1.22 | 0.13 |
| 2.37 | 1.67 | -0.07 | -0.48 | 2.07 | 1.26 | | | | |
| GENE2187X | 18949_at | 18949_at | 1 | 0.22 | 0.74 | 1 | 0.52 | -0.09 | 0.25 |
| 1.87 | 1.94 | -0.33 | -0.46 | 2.12 | 1.97 | | | | |
| GENE2389X | 19707_s_at | 19707_s_at | 1 | -0.12 | 0.49 | 0.76 | 0.26 | -0.19 | 0.11 |
| 1.64 | 2.34 | -0.56 | -0.89 | 1.96 | 2.17 | | | | |
| GENE1113X | 15488_at | 15488_at | 1 | -0.01 | 0.1 | -0.09 | -0.03 | -0.3 | -0.05 |
| 0.87 | 1.33 | 0.14 | -0.19 | 1.15 | 1.64 | | | | |
| GENE2720X | 20706_at | 20706_at | 1 | 0 | 0 | 0.03 | 0.1 | -0.3 | 0.06 |
| 0.66 | 1.2 | -0.03 | 0.03 | 0.56 | 0.38 | | | | |
| GENE1116X | 15496_at | 15496_at | 1 | 0.61 | 0.05 | 0.32 | 1.06 | 0.43 | 0.5 |
| 2.39 | 2.6 | 0.5 | 1.29 | 1.2 | 0.91 | | | | |
| GENE2300X | 19383_at | 19383_at | 1 | -0.36 | -0.84 | 0.83 | 1.68 | 1 | 1.94 |
| 1.85 | 3.17 | -0.48 | 1.28 | 1.45 | 1.95 | | | | |
| GENE1131X | 15532_r_at | 15532_r_at | 1 | -0.19 | 0.8 | -0.67 | -0.19 | 0.69 | 0.25 |
| 3.1 | 3.58 | 0.13 | 0.41 | 3.15 | 2.35 | | | | |
| GENE1369X | 16173_s_at | 16173_s_at | 1 | -0.19 | 0.16 | 0.32 | 0.32 | 1 | 2.07 |
| 4.02 | 4.27 | -0.16 | 1.15 | 3.78 | 3.88 | | | | |
| GENE2639X | 20470_at | 20470_at | 1 | 0 | 0 | 0 | 0 | 0.41 | 0.91 |
| 2.61 | 3.24 | 0.41 | 0.28 | 1.85 | 1.58 | | | | |
| GENE2418X | 19854_at | 19854_at | 1 | 0.06 | 0.64 | 0.52 | -0.39 | 0.6 | 0.68 |
| 1.54 | 1.68 | -0.17 | -0.5 | 2.03 | 1.2 | | | | |
| GENE195X | 12538_at | 12538_at | 1 | 0 | 0.3 | 0.16 | -0.28 | 0.86 | 0.92 |
| 1.81 | 1.68 | -0.53 | -0.8 | 1.74 | 1.07 | | | | |
| GENE102X | 12240_at | 12240_at | 1 | 1.26 | 0.48 | 0 | 0.26 | 0.83 | 1.76 |
| 3.9 | 4.85 | -0.34 | -0.71 | 2.05 | 2 | | | | |
| GENE1334X | 16082_s_at | 16082_s_at | 1 | 0.46 | 0.09 | 0.37 | 0.45 | 0.43 | 0.61 |
| 1.63 | 1.86 | 0.28 | -0.37 | 1.2 | 0.89 | | | | |
| GENE2506X | 20093_i_at | 20093_i_at | 1 | 0.37 | 0.07 | -0.15 | 0.7 | 0.36 | 0.93 |
| 1.11 | 1.85 | 0.08 | -0.34 | 0.82 | 0.82 | | | | |
| GENE1164X | 15611_s_at | 15611_s_at | 1 | -0.15 | 0.16 | 0.21 | -0.17 | 0.72 | 0.46 |
| 1.5 | 1.68 | 0.11 | -0.31 | 0.66 | 0.33 | | | | |
| GENE981X | 15103_s_at | 15103_s_at | 1 | 0.14 | 0.37 | 0.4 | 0.27 | 0.8 | 0.97 |
| 1.4 | 1.43 | 0.02 | -0.51 | 0.51 | 0.4 | | | | |
| GENE2447X | 19927_at | 19927_at | 1 | 0.31 | -0.22 | -0.14 | 0.06 | -0.31 | 0.5 |
| 1.07 | 0.43 | -0.36 | -0.26 | 0.64 | -0.4 | | | | |
| GENE2629X | 20450_at | 20450_at | 1 | 0.76 | 0.35 | -0.14 | 0.16 | 0.81 | 0.38 |
| 1.17 | 1.11 | -0.59 | -0.7 | 0.54 | -0.01 | | | | |
| GENE1257X | 15910_at | 15910_at | 1 | 0.64 | 0.02 | -0.12 | 0.29 | 0.17 | -0.22 |
| 1.15 | 0.75 | -0.03 | -0.13 | 0.54 | -0.02 | | | | |
| GENE2655X | 20525_at | 20525_at | 1 | 1.11 | -0.31 | -0.89 | 0.19 | 0.77 | -0.16 |
| 1.48 | 1.48 | -0.34 | -0.41 | 0.37 | 0.26 | | | | |
| GENE241X | 12726_f_at | 12726_f_at | 1 | -1.93 | -0.93 | 0.43 | -0.43 | -1.38 | -1.23 |
| 1.66 | 1.91 | -2.02 | -1.73 | 1.19 | 1.27 | | | | |
| GENE145X | 12374_i_at | 12374_i_at | 1 | -1.53 | -0.09 | 0.72 | -0.04 | -1.03 | -0.62 |
| 1.38 | 1.41 | -1.1 | -1.1 | 1.12 | 1.39 | | | | |
| GENE146X | 12375_s_at | 12375_s_at | 1 | -1.17 | -0.51 | 0.52 | 0.21 | -0.81 | -0.93 |
| 0.59 | 1 | -1.17 | -1.28 | 0.31 | 1 | | | | |
| GENE595X | 13705_at | 13705_at | 1 | -0.7 | -0.46 | -0.19 | -0.98 | -0.71 | -0.03 |
| 1.18 | 1.63 | -1.35 | -2.13 | 0.54 | 0.64 | | | | |
| GENE683X | 14070_at | 14070_at | 1 | -0.51 | -0.45 | -0.41 | -0.63 | -0.43 | 0.63 |
| 0.41 | 1.08 | -1.48 | -1.24 | 0.02 | 0.47 | | | | |
| GENE1329X | 16076_s_at | 16076_s_at | 1 | -0.67 | -0.72 | -0.64 | -0.57 | -0.42 | 0.34 |
| 0.32 | 1.08 | -0.7 | -0.63 | 0.28 | 0.44 | | | | |

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|-----------|------------|------------|-------|-------|-------|-------|-------|-------|-------|---|
| GENE428X | 13225_s_at | 13225_s_at | 1 | -0.3 | -0.49 | -0.33 | -0.19 | 0.24 | -0.2 | |
| | 0.89 | 1.01 | -0.33 | -1.21 | 0.31 | 0.27 | | | | |
| GENE1495X | 16553_f_at | 16553_f_at | 1 | -0.82 | -1.44 | -0.94 | -0.23 | -0.75 | -0.97 | |
| | 0.68 | 1.34 | -1.35 | -1.18 | 0.34 | 0.2 | | | | |
| GENE1016X | 15161_s_at | 15161_s_at | 1 | -0.84 | 0.28 | -0.58 | -0.84 | 1.1 | 1.28 | |
| | 1.95 | 1.04 | 0.36 | -0.48 | 2.08 | 1.08 | | | | |
| GENE2140X | 18753_s_at | 18753_s_at | 1 | -0.84 | 0 | -0.84 | -0.84 | 2.6 | 0.71 | |
| | 3.23 | 1.14 | 1.67 | 0.24 | 1.89 | 0.83 | | | | |
| GENE832X | 14636_s_at | 14636_s_at | 1 | -0.77 | 1.61 | -0.2 | -0.39 | 1.48 | 0.19 | |
| | 1.75 | 0.59 | 0.88 | 0.74 | 0.84 | 0.79 | | | | |
| GENE422X | 13212_s_at | 13212_s_at | 1 | -2.2 | 1.95 | -0.56 | -3.2 | 3.16 | 0.86 | |
| | 2.57 | 1.42 | 0.66 | -0.74 | 1.02 | 0.41 | | | | |
| GENE2190X | 18955_at | 18955_at | 1 | -0.86 | 0.47 | 0.43 | -0.9 | 1.58 | 1.58 | |
| | 1.53 | 0.92 | 0.67 | 0.72 | 0.51 | 0 | | | | |
| GENE1689X | 17322_at | 17322_at | 1 | -0.71 | -0.45 | -0.36 | -1.2 | 1.05 | 0.75 | |
| | 1.02 | 0.82 | 0.35 | 0.1 | 0.26 | -0.53 | | | | |
| GENE1230X | 15842_at | 15842_at | 1 | -0.07 | -0.13 | 0.07 | -1.05 | 0.49 | 0.6 | |
| | 1.36 | 0.5 | 0.18 | 0.42 | -0.16 | -0.07 | | | | |
| GENE181X | 12505_s_at | 12505_s_at | 1 | -0.37 | 0.31 | 0.31 | 0.05 | 0.07 | 0.24 | |
| | 0.49 | 1.73 | 0.3 | 0.52 | 0.45 | -0.23 | | | | |
| GENE150X | 12406_s_at | 12406_s_at | 1 | -0.14 | 0.04 | -0.01 | 0 | 0.15 | 0.63 | |
| | 0.59 | 1.17 | 0.07 | 0.39 | -0.23 | -0.13 | | | | |
| GENE2349X | 19549_s_at | 19549_s_at | 1 | -1.19 | -0.7 | -0.33 | -0.02 | 0.92 | 1.41 | |
| | 2.23 | 2.12 | 0.6 | 0.76 | 1.11 | 0.94 | | | | |
| GENE955X | 15053_at | 15053_at | 1 | -0.39 | -0.48 | -0.97 | -0.65 | 1 | 2.18 | |
| | 1.91 | 2.3 | 1.22 | 0.22 | 0.46 | 1 | | | | |
| GENE1850X | 17906_at | 17906_at | 1 | -0.2 | -0.27 | -0.26 | -0.47 | 0.84 | 1.01 | |
| | 0.89 | 1.04 | 0.72 | 0.62 | 0.39 | 0.5 | | | | |
| GENE764X | 14485_at | 14485_at | 1 | -0.1 | 0.04 | -0.21 | -0.44 | 0.06 | 1 | |
| | 0.85 | 1.27 | 0 | 0.57 | 0.92 | 0.03 | | | | |
| GENE2143X | 18768_at | 18768_at | 1 | -0.41 | -0.67 | 0.16 | -0.67 | 1.63 | 2.63 | |
| | 2.39 | 3.26 | -0.36 | 0.73 | 1.32 | 1.17 | | | | |
| GENE803X | 14573_at | 14573_at | 1 | -0.26 | -0.26 | -0.26 | -0.26 | 1.45 | 3.34 | |
| | 2.71 | 3.78 | -0.61 | 0.47 | 0.84 | 1.4 | | | | |
| GENE2511X | 20118_at | 20118_at | 1 | 0.03 | -0.29 | -0.83 | -0.64 | 1.81 | 2.47 | |
| | 2.24 | 2.07 | -0.1 | 0.22 | 1.3 | 1.06 | | | | |
| GENE649X | 13975_at | 13975_at | 1 | -0.13 | -0.06 | -0.35 | -0.43 | 1.37 | 2.5 | |
| | 1.52 | 1.97 | 0.26 | 0.34 | 0.85 | 0.64 | | | | |
| GENE2459X | 19960_at | 19960_at | 1 | -0.04 | -0.16 | -0.34 | -0.47 | 1.17 | 1.93 | |
| | 1.6 | 1.96 | 0.13 | 0.32 | 0.77 | 0.52 | | | | |
| GENE2034X | 18484_at | 18484_at | 1 | 0.14 | -0.27 | -0.7 | -0.35 | 1.04 | 1.81 | |
| | 1.45 | 1.75 | 0.46 | 0.67 | 0.66 | 0.55 | | | | |
| GENE1011X | 15147_s_at | 15147_s_at | 1 | 0.2 | 0.34 | 0.18 | -0.41 | 1.36 | 2.45 | |
| | 1.83 | 1.92 | 0.49 | 0.43 | 0.7 | -0.11 | | | | |
| GENE1082X | 15409_at | 15409_at | 1 | 0.41 | 0.41 | -0.26 | -0.26 | 1.26 | 3.58 | |
| | 2.54 | 3.9 | 0 | 0.48 | 0.58 | 0.22 | | | | |
| GENE2081X | 18636_at | 18636_at | 1 | -0.04 | -0.15 | -0.2 | -0.09 | 1.34 | 3.09 | 2 |
| | 2.44 | -0.2 | 0.73 | 0.56 | 0.27 | | | | | |
| GENE380X | 13134_s_at | 13134_s_at | 1 | 0.34 | -0.16 | -0.21 | -0.14 | 1.57 | 3.1 | |
| | 3.41 | 3.98 | 0.54 | 0.62 | 2.3 | 1.9 | | | | |
| GENE1275X | 15971_s_at | 15971_s_at | 1 | 0.02 | 0.06 | 0.07 | -0.58 | 1.4 | 3.05 | |
| | 3.18 | 3.72 | -0.39 | 0.27 | 2.25 | 1.68 | | | | |
| GENE731X | 14398_at | 14398_at | 1 | 0.15 | 0.23 | 0.17 | -0.18 | 0.42 | 1.26 | |
| | 1.07 | 1.32 | 0.26 | 0.28 | 0.77 | 0.84 | | | | |
| GENE433X | 13236_at | 13236_at | 1 | -0.29 | -0.03 | 0.27 | 0.18 | 0.72 | 1.45 | |
| | 1.41 | 2.49 | 0.03 | 0.01 | 1.03 | 1.35 | | | | |

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|-----------|------------|------------|-------|----------|----------|---------|-------|------|-------|
| GENE2448X | 19930_at | 19930_at | 1 | -0.26 | 0.17 | -0.12 | -0.3 | 0.28 | 0.69 |
| | 0.79 | 1.13 | 0.02 | 0.3 | 0.1 | 0.5 | | | |
| GENE1826X | 17843_s_at | 17843_s_at | 1 | 0.48 | 0.58 | 0.37 | 0 | 1.07 | 3.68 |
| | 3.94 | 5.47 | -0.84 | 0.87 | 2.63 | 0 | | | |
| GENE1639X | 17085_at | 17085_at | 1 | 0.32 | 0.22 | -0.12 | -0.1 | 0.14 | 1.02 |
| | 0.82 | 1.16 | -0.17 | -0.09 | 0.52 | 0.38 | | | |
| GENE2388X | 19699_i_at | 19699_i_at | 1 | 0 | -0.67 | 0.45 | -0.41 | 0.26 | 3.43 |
| | 2.76 | 3.17 | 0 | 0 | 0.67 | 0 | | | |
| GENE189X | 12528_at | 12528_at | 1 | 0 | 0 | 0 | 0 | 1.26 | 3.56 |
| | 1.84 | 4.03 | 0 | 0 | 0 | 0 | | | |
| GENE2235X | 19150_at | 19150_at | 1 | 0 | 0 | 0 | 0 | 0.58 | 4.01 |
| | 2.67 | 4.47 | -0.26 | -0.26 | 0 | 0 | | | |
| GENE2413X | 19843_at | 19843_at | 1 | 0.23 | -0.00882 | | 0.29 | 0.32 | 1.14 |
| | 1.38 | 1.32 | 1.64 | 0.32 | 0 | 0.9 | 0.9 | | |
| GENE2334X | 19463_s_at | 19463_s_at | 1 | -0.4 | 0.14 | 0.3 | 0.13 | 1.27 | 2.01 |
| | 1.79 | 2.61 | 0.2 | 0.49 | 1.04 | 0.81 | | | |
| GENE1059X | 15335_at | 15335_at | 1 | 0 | 0 | 0 | 0 | 2.76 | 4.13 |
| | 2.63 | 3.45 | 0.67 | 1.26 | 1.48 | 2 | | | |
| GENE2065X | 18599_at | 18599_at | 1 | 0.42 | 0.21 | 0.3 | 0.55 | 2.12 | 2.2 |
| | 2.34 | 2.93 | 1.32 | 0.95 | 0.86 | 1.49 | | | |
| GENE1249X | 15894_at | 15894_at | 1 | 0.59 | 0.21 | -0.07 | 0.19 | 1.14 | 1.29 |
| | 1.29 | 1.54 | 0.51 | 0.48 | 0.54 | 0.52 | | | |
| GENE2608X | 20384_at | 20384_at | 1 | 0.54 | 0.07 | 0.32 | 0.35 | 2.28 | 3.37 |
| | 3.14 | 4.25 | 1.17 | 1.3 | 1.68 | 1.86 | | | |
| GENE1498X | 16566_s_at | 16566_s_at | 1 | 0.21 | -0.21 | -0.15 | 0.04 | 1.55 | 2.47 |
| | 1.75 | 2.67 | 0.86 | 1.08 | 0.81 | 1.01 | | | |
| GENE384X | 13140_at | 13140_at | 1 | 0.00804 | | 0.05 | 0.08 | 0.13 | 0.75 |
| | 1.01 | 1.01 | 1.21 | 0.26 | 0.71 | 0.39 | 0.32 | | |
| GENE281X | 12799_at | 12799_at | 1 | 0.22 | 0.01 | 0 | -0.06 | 0.44 | 1.02 |
| | 0.96 | 1.11 | 0.21 | 0.62 | 0.52 | 0.41 | | | |
| GENE1080X | 15406_at | 15406_at | 1 | 0.22 | 0.18 | -0.21 | 0 | 2.8 | 3.86 |
| | 1.63 | 2.48 | 1.46 | 1.61 | 0.71 | 1.17 | | | |
| GENE1203X | 15687_f_at | 15687_f_at | 1 | -0.00978 | | 0.00972 | | -0.1 | -0.08 |
| | 0.58 | 1.12 | 0.76 | 0.93 | 0.61 | 0.41 | 0.05 | 0.6 | |
| GENE888X | 14854_at | 14854_at | 1 | 0.58 | -0.67 | 0.58 | 1.17 | 1.36 | 2.22 |
| | 1.96 | 3.15 | 0.87 | 1.05 | 1.44 | 0.93 | | | |
| GENE187X | 12525_at | 12525_at | 1 | 0.11 | -0.48 | 0.08 | 0.39 | 0.92 | 1.4 |
| | 1.07 | 1.53 | 0 | 0.67 | 0.41 | 0.51 | | | |
| GENE1725X | 17426_at | 17426_at | 1 | 0.23 | -0.56 | 0.17 | 0.12 | 0.38 | 1.17 |
| | 0.66 | 1.17 | 0.18 | 0.24 | 0.48 | 0.12 | | | |
| GENE1279X | 15981_at | 15981_at | 1 | 0.96 | -0.52 | -0.78 | 0.01 | 2.31 | 3.14 |
| | 3.03 | 3.16 | -0.71 | 0.44 | 0.2 | -0.05 | | | |
| GENE1274X | 15965_at | 15965_at | 1 | 1.28 | -0.48 | 0.19 | -0.48 | 1.83 | 3.74 |
| | 3.36 | 3.85 | 0.36 | 0.65 | 0.12 | 0.12 | | | |
| GENE1970X | 18259_s_at | 18259_s_at | 1 | 0.96 | -0.14 | -0.44 | 0.01 | 1.16 | 1.61 |
| | 1.23 | 1.53 | 0.35 | 0.42 | 0.01 | -0.27 | | | |
| GENE314X | 12947_at | 12947_at | 1 | 0.79 | 0.81 | -0.16 | -0.34 | 0.67 | 1.49 |
| | 1.86 | 2.56 | 0.09 | 0.44 | 0.51 | 1.32 | | | |
| GENE410X | 13181_at | 13181_at | 1 | 0.61 | 0.52 | -0.07 | -0.24 | 0.65 | 0.77 |
| | 0.91 | 1.2 | 0.4 | 0.48 | 0.37 | 0.58 | | | |
| GENE2610X | 20386_at | 20386_at | 1 | 0.26 | -0.2 | -0.32 | -1.32 | 1.1 | 2.5 |
| | 0.69 | 1.16 | 0.1 | 0.29 | 0.13 | 0.51 | | | |
| GENE1523X | 16627_s_at | 16627_s_at | 1 | 0.07 | -0.02 | -0.1 | -0.18 | 1.01 | 1.54 |
| | 0.58 | 0.95 | 0.37 | 0.04 | 0.06 | 0.11 | | | |
| GENE822X | 14613_at | 14613_at | 1 | -0.58 | 0.28 | -0.58 | -0.16 | 1.48 | 3.78 |
| | 3.84 | 5.33 | -1 | -1 | 1 | 1.48 | | | |

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|-----------|------------|------------|-------|-------|-------|-------|-------|-------|-------|---|
| GENE248X | 12744_at | 12744_at | 1 | -0.43 | -0.41 | -0.6 | -0.98 | 0.8 | 2.6 | |
| 1.93 | 2.82 | -1.39 | -1.09 | 0.39 | 0.13 | | | | | |
| GENE2680X | 20604_at | 20604_at | 1 | 0 | 0 | 0 | 0 | 0.63 | 2.98 | |
| 1.76 | 1.84 | -0.84 | -0.84 | 0.26 | 0 | | | | | |
| GENE1565X | 16820_at | 16820_at | 1 | -0.48 | 0.65 | 0.19 | -0.48 | 1.13 | 2.59 | |
| 1.76 | 2.51 | -1 | 0.13 | 0.06 | -0.21 | | | | | |
| GENE715X | 14298_g_at | 14298_g_at | 1 | -0.08 | -0.32 | -0.75 | -0.94 | 0.04 | 0.08 | |
| 2.05 | 2.36 | -0.74 | -1.07 | 1.87 | 1.87 | | | | | |
| GENE1788X | 17581_g_at | 17581_g_at | 1 | -0.18 | -0.4 | -0.73 | -0.58 | 0.11 | 0.14 | |
| 3.34 | 3.54 | -0.72 | -0.74 | 2.57 | 3.15 | | | | | |
| GENE1787X | 17580_at | 17580_at | 1 | 0.02 | -0.06 | -0.32 | -0.31 | 0.15 | 0.27 | |
| 1.15 | 1.35 | -0.47 | -0.32 | 0.93 | 1.06 | | | | | |
| GENE2158X | 18876_at | 18876_at | 1 | -0.03 | -0.78 | -1.14 | -0.39 | -0.27 | 0.23 | |
| 1.34 | 2 | -1.07 | -0.62 | 0.43 | 0.7 | | | | | |
| GENE388X | 13146_s_at | 13146_s_at | 1 | 0.35 | -0.43 | -1.02 | 0.02 | 0.23 | 0.29 | |
| 0.87 | 1.34 | -0.43 | -0.34 | 0.41 | 0.66 | | | | | |
| GENE250X | 12746_i_at | 12746_i_at | 1 | 0 | 0 | 0 | 0 | -0.28 | 0.08 | |
| 1.22 | 2.76 | -1.28 | -1.08 | 0.63 | -0.36 | | | | | |
| GENE1952X | 18219_at | 18219_at | 1 | 0.16 | -0.11 | -0.44 | 0.02 | -0.02 | -0.08 | |
| 1.26 | 1.56 | -1.47 | -1.17 | 0.12 | 0.14 | | | | | |
| GENE143X | 12369_at | 12369_at | 1 | 0.42 | -0.35 | 0.01 | 0.06 | 0.2 | 0.82 | |
| 1.08 | 1.64 | -0.55 | -0.93 | 0.5 | 0.06 | | | | | |
| GENE1286X | 15997_s_at | 15997_s_at | 1 | -0.01 | -0.34 | -0.07 | 0.03 | -0.1 | 0.57 | 1 |
| 1.38 | -0.64 | -0.99 | 0.16 | 0.16 | | | | | | |
| GENE883X | 14793_at | 14793_at | 1 | -0.25 | -0.45 | -0.13 | -0.06 | -0.35 | 0.85 | |
| 0.77 | 1.54 | -0.6 | -0.47 | 0.11 | 0.7 | | | | | |
| GENE2376X | 19656_s_at | 19656_s_at | 1 | -0.18 | -0.16 | -1.2 | -0.86 | 0.64 | 0.53 | |
| 1.16 | 0.93 | -0.61 | -0.82 | 0.36 | 0.18 | | | | | |
| GENE308X | 12916_at | 12916_at | 1 | -0.47 | -0.98 | -1.8 | -0.88 | 0.53 | 0.63 | |
| 1.63 | 1.66 | -1.18 | -0.5 | -0.08 | 0.31 | | | | | |
| GENE2498X | 20061_at | 20061_at | 1 | -0.5 | -1.23 | -2.52 | -1.52 | 0.82 | 2.02 | |
| 1.44 | 2.54 | -0.41 | 0.1 | 0.37 | 0.49 | | | | | |
| GENE1328X | 16073_f_at | 16073_f_at | 1 | -1.84 | -0.84 | -2.84 | -2.84 | 2.7 | 3.58 | |
| 3.32 | 3.43 | -0.15 | -1 | 0 | 1.48 | | | | | |
| GENE536X | 13568_at | 13568_at | 1 | -0.53 | -0.62 | -1.08 | -1.04 | 0.64 | 1.31 | |
| 3.08 | 3.56 | -1.88 | -1.17 | 0.88 | -0.7 | | | | | |
| GENE1675X | 17273_at | 17273_at | 1 | -0.67 | -0.19 | -0.67 | -0.67 | 1 | 1.46 | |
| 1.85 | 2.63 | -1.37 | -0.24 | 0.54 | -0.24 | | | | | |
| GENE1618X | 17024_s_at | 17024_s_at | 1 | 0.31 | -0.41 | -1.49 | -0.7 | 0.71 | 1.33 | |
| 2.6 | 2.89 | -1 | -0.18 | 0.03 | 0.48 | | | | | |
| GENE2147X | 18790_g_at | 18790_g_at | 1 | -0.1 | -1.15 | -2.53 | -1.53 | 1.32 | 2.54 | |
| 1.88 | 2.8 | -2 | -1.73 | -0.73 | 0 | | | | | |
| GENE168X | 12457_at | 12457_at | 1 | 0.52 | -0.9 | -2.08 | -0.81 | 1.63 | 2.61 | |
| 2.23 | 2.97 | -0.9 | -1.01 | -0.87 | -0.6 | | | | | |
| GENE1253X | 15904_at | 15904_at | 1 | 0.23 | 0.08 | -1 | -0.73 | 0 | 0.69 | |
| 0.65 | 1.34 | -0.9 | -0.52 | 0.06 | 0.18 | | | | | |
| GENE605X | 13812_at | 13812_at | 1 | 0.34 | 0.11 | -0.64 | -0.71 | 0 | 0.97 | |
| 1.03 | 1.26 | -1.02 | -0.82 | -0.55 | 0 | | | | | |
| GENE710X | 14251_f_at | 14251_f_at | 1 | -0.42 | -0.84 | -1.06 | -0.47 | 0.52 | 1.5 | |
| 1.37 | 1.69 | 0.07 | 0.29 | 0.39 | 0.34 | | | | | |
| GENE711X | 14252_f_at | 14252_f_at | 1 | 0.06 | -0.63 | -0.89 | -0.4 | 0.83 | 1.28 | |
| 1.22 | 1.91 | 0.35 | 0.24 | 0.35 | 0.31 | | | | | |
| GENE2076X | 18624_at | 18624_at | 1 | -0.29 | -0.57 | -0.77 | -0.45 | 0.35 | 0.86 | |
| 0.69 | 1.19 | 0.62 | 0.78 | 0.12 | 0.1 | | | | | |
| GENE712X | 14253_f_at | 14253_f_at | 1 | 0.18 | -0.45 | -0.81 | -0.68 | 0.67 | 1.54 | |
| 0.98 | 1.53 | 0.57 | 0.19 | -0.07 | -0.19 | | | | | |

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|-----------|------------|------------|-------|----------|-------|-------|-------|-------|------|---|
| GENE765X | 14486_at | 14486_at | 1 | -0.35 | -0.24 | -0.32 | -0.53 | 0.51 | 1.16 | |
| 0.63 | 1.34 | 0.2 | 0.42 | -0.3 | 0.09 | | | | | |
| GENE813X | 14595_at | 14595_at | 1 | -0.5 | -0.71 | -1.11 | -0.41 | 0.32 | 1.27 | |
| 0.26 | 0.79 | -0.08 | 0.36 | -0.28 | -0.01 | | | | | |
| GENE1652X | 17110_s_at | 17110_s_at | 1 | 0.04 | 0 | -0.73 | -0.44 | 0.41 | 0.95 | |
| 0.66 | 1.18 | 0.07 | 0.35 | 0.66 | 1.08 | | | | | |
| GENE1974X | 18266_at | 18266_at | 1 | 0.07 | -0.22 | -0.62 | -0.31 | 0 | 1.16 | |
| 0.11 | 1.04 | -0.13 | 0.25 | 0.29 | 0.66 | | | | | |
| GENE43X | 12103_at | 12103_at | 1 | 0.23 | -0.46 | -1.58 | 0.28 | 0.35 | 0.97 | |
| 0.08 | 0.29 | 0.35 | 0.56 | -0.06 | 0.02 | | | | | |
| GENE2397X | 19755_at | 19755_at | 1 | 0 | -0.54 | -1.04 | 0.39 | 0.1 | 0.67 | |
| 0.08 | 0.35 | -0.05 | 0.15 | -0.41 | 0.52 | | | | | |
| GENE1240X | 15868_at | 15868_at | 1 | 0.57 | 0.6 | 0.1 | -0.21 | 1.19 | 1.13 | |
| 1.16 | 1.16 | 0.42 | 0.19 | -0.51 | -0.06 | | | | | |
| GENE484X | 13429_at | 13429_at | 1 | 0.24 | 0.19 | 0.06 | 0.3 | 0.59 | 1.13 | |
| 0.38 | 0.78 | 0.15 | 0.31 | -0.56 | -0.15 | | | | | |
| GENE2014X | 18351_at | 18351_at | 1 | 0.6 | 0.1 | 0.18 | -0.09 | 1.57 | 1.84 | |
| 0.78 | 1.53 | 0.78 | 0.81 | -0.92 | -0.84 | | | | | |
| GENE1331X | 16078_at | 16078_at | 1 | -0.26 | -0.65 | -0.86 | -0.65 | 0.85 | 1.95 | |
| 0.91 | 1.48 | -0.04 | 0.13 | -0.45 | -0.24 | | | | | |
| GENE1342X | 16104_s_at | 16104_s_at | 1 | -0.4 | -0.31 | -0.56 | -0.54 | 0.87 | 1.17 | |
| 0.48 | 0.77 | 0.25 | -0.18 | -0.48 | -0.15 | | | | | |
| GENE1580X | 16911_at | 16911_at | 1 | 0.78 | -0.37 | -2.23 | -0.34 | 2.07 | 2.37 | |
| 1.71 | 1.77 | 0 | 0 | -0.48 | 0 | | | | | |
| GENE1948X | 18197_at | 18197_at | 1 | 0.4 | -0.5 | -0.84 | -0.55 | 1.6 | 2.8 | |
| 0.67 | 2.19 | 0.2 | 0.65 | -0.45 | -0.53 | | | | | |
| GENE2294X | 19373_at | 19373_at | 1 | 0.49 | -0.06 | -0.93 | -0.6 | 1.85 | 2.72 | |
| 1.87 | 2.61 | -0.4 | 0.15 | -0.86 | -0.71 | | | | | |
| GENE1497X | 16565_at | 16565_at | 1 | 0.47 | 0 | -0.9 | -0.72 | 1.2 | 2.66 | |
| 1.69 | 2.42 | -0.28 | -0.05 | -0.86 | -0.46 | | | | | |
| GENE2068X | 18602_at | 18602_at | 1 | 0 | -0.1 | -0.15 | 0 | 0.51 | 1.05 | |
| 0.58 | 0.97 | -0.28 | -0.1 | -0.22 | -0.5 | | | | | |
| GENE210X | 12587_at | 12587_at | 1 | 0.06 | -0.35 | -0.93 | 0 | 1.15 | 3.28 | |
| 1.2 | 2.52 | -1.2 | -0.65 | -0.26 | -0.32 | | | | | |
| GENE1208X | 15750_at | 15750_at | 1 | 0.03 | -0.37 | -1.13 | -0.41 | 1.52 | 3 | |
| 1.21 | 1.55 | -0.65 | -0.6 | -0.59 | -1.33 | | | | | |
| GENE1095X | 15452_at | 15452_at | 1 | 0.55 | -0.11 | -0.38 | 0.11 | 0.39 | 0.87 | |
| 0.23 | 1.1 | -0.31 | -0.08 | -0.52 | -0.32 | | | | | |
| GENE1588X | 16945_at | 16945_at | 1 | 1.26 | -0.29 | -1.34 | -0.92 | 1.06 | 1.47 | |
| 0.36 | 1.63 | -0.87 | -0.37 | -1.39 | -0.8 | | | | | |
| GENE860X | 14723_f_at | 14723_f_at | 1 | 0.41 | -0.02 | -0.35 | -0.01 | 1.22 | 0.88 | |
| 1.05 | 0.89 | -0.54 | -0.37 | -0.00822 | -1.1 | | | | | |
| GENE1399X | 16310_at | 16310_at | 1 | 0.35 | 0.19 | 0.01 | -0.24 | 1.22 | 1.06 | 1 |
| 1.04 | -0.71 | -0.25 | -0.86 | -1.21 | | | | | | |
| GENE2422X | 19872_at | 19872_at | 1 | 0.06 | -0.25 | -0.95 | -0.36 | 0.58 | 1.29 | - |
| 0.18 | -0.39 | 0.16 | 0.58 | -0.64 | -0.51 | | | | | |
| GENE219X | 12613_at | 12613_at | 1 | 0.08 | -0.09 | -0.3 | -0.07 | 0.75 | 1.04 | |
| 0.29 | 0.22 | 0.28 | 0.41 | -0.41 | -0.22 | | | | | |
| GENE200X | 12552_at | 12552_at | 1 | 0 | 0 | -0.65 | -0.34 | 0.94 | 1.08 | |
| 0.52 | 0.64 | -0.02 | 0.28 | -0.63 | -0.71 | | | | | |
| GENE2675X | 20585_at | 20585_at | 1 | 0.04 | -1.02 | -0.57 | 0.2 | 2.45 | 2.98 | |
| 0.69 | 1.72 | 1.41 | 1.61 | -1.55 | -2.65 | | | | | |
| GENE856X | 14712_s_at | 14712_s_at | 1 | -0.38 | -1.13 | -2.17 | -1.13 | -0.22 | 0.48 | |
| 0.22 | 0.95 | -1 | -0.83 | 0.03 | 0.32 | | | | | |
| GENE2216X | 19049_at | 19049_at | 1 | -0.45 | -0.68 | -1.3 | -0.79 | -0.32 | 0.17 | |
| 0.28 | 0.5 | -0.82 | -0.38 | -0.02 | -0.13 | | | | | |

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|-----------|------------|------------|-------|-------|-------|-------|-------|-------|-------|---|
| GENE640X | 13950_at | 13950_at | 1 | -0.37 | -0.94 | -1.35 | -0.88 | -0.03 | 0.54 | |
| 0.43 | 1 | -0.58 | -0.29 | -0.06 | 0.17 | | | | | |
| GENE1963X | 18245_s_at | 18245_s_at | 1 | -0.31 | -0.57 | -1.04 | -0.59 | -0.35 | 0.04 | |
| 0.21 | 0.59 | -0.91 | -1 | -0.25 | -0.2 | | | | | |
| GENE994X | 15125_f_at | 15125_f_at | 1 | -0.54 | -1.25 | -1.42 | -1.74 | -0.95 | 1.03 | |
| 0.67 | 2.41 | -2.91 | -2.19 | -1.21 | -0.6 | | | | | |
| GENE982X | 15105_s_at | 15105_s_at | 1 | -1.09 | -0.76 | -1.07 | -1.12 | -0.15 | -0.07 | |
| 0.56 | 0.86 | -1.25 | -1.22 | -0.76 | -0.42 | | | | | |
| GENE599X | 13785_at | 13785_at | 1 | -1.73 | -1.72 | -1.72 | -1.8 | -0.39 | 0.69 | |
| 1.22 | 1.8 | -1.96 | -1.22 | -1.76 | -0.89 | | | | | |
| GENE2016X | 18356_at | 18356_at | 1 | -0.3 | -0.53 | -1.11 | -1.3 | -0.25 | 0.55 | |
| 0.19 | 0.76 | -0.43 | -0.56 | -0.71 | -0.42 | | | | | |
| GENE1277X | 15975_s_at | 15975_s_at | 1 | -0.81 | -1.3 | -1.5 | -2.88 | 0.07 | 0.88 | |
| 0.41 | 0.59 | -1.5 | -0.59 | -0.9 | -0.58 | | | | | |
| GENE2122X | 18706_s_at | 18706_s_at | 1 | -1.02 | -0.75 | -1.16 | -1.31 | 0.26 | 1 | |
| 0.02 | 0.56 | -0.84 | -0.61 | -0.58 | -0.87 | | | | | |
| GENE820X | 14610_at | 14610_at | 1 | -1.04 | -0.87 | -1.24 | -1.47 | 0.71 | 0.71 | |
| 0.84 | 0.73 | -1.3 | -1.07 | -0.92 | -1.01 | | | | | |
| GENE1500X | 16569_s_at | 16569_s_at | 1 | -1.17 | -0.89 | -0.97 | -1.56 | 0.15 | 1 | |
| 0.35 | 0.37 | -1.63 | -1.11 | -1.24 | -0.89 | | | | | |
| GENE2403X | 19809_at | 19809_at | 1 | -0.72 | -1.06 | -1.24 | -1.06 | -0.06 | 0.62 | |
| 0.1 | 0.57 | -1.16 | -0.53 | -0.72 | -0.44 | | | | | |
| GENE2585X | 20315_i_at | 20315_i_at | 1 | -1.08 | -1.27 | -2.04 | -1.73 | 0 | 1.42 | |
| 0.5 | 1.61 | -2.67 | -0.47 | -1.25 | -1.14 | | | | | |
| GENE2663X | 20555_s_at | 20555_s_at | 1 | -0.31 | -0.21 | -0.93 | -0.89 | 0.25 | 0.5 | |
| 0.21 | 0.14 | -1.27 | -0.4 | -0.89 | -0.33 | | | | | |
| GENE696X | 14105_at | 14105_at | 1 | -0.79 | -0.79 | -1.49 | -1.18 | -0.1 | 0.71 | |
| 0.22 | 0.68 | -1 | -0.34 | -1.84 | -0.46 | | | | | |
| GENE2549X | 20227_s_at | 20227_s_at | 1 | -0.77 | -1.89 | -1.65 | -1.55 | 0.24 | 2.69 | 2 |
| 2.91 | -2.22 | -1.32 | -0.58 | -1.22 | | | | | | |
| GENE1144X | 15574_s_at | 15574_s_at | 1 | -0.65 | -0.65 | -0.41 | -0.17 | -0.16 | 1.31 | |
| 0.95 | 1.94 | -1.23 | -1 | -0.43 | -0.14 | | | | | |
| GENE1797X | 17601_at | 17601_at | 1 | 0.11 | -0.74 | -0.71 | -0.29 | 0.66 | 1.44 | |
| 0.47 | 1.17 | -1.73 | -0.62 | -0.51 | -0.25 | | | | | |
| GENE1006X | 15141_s_at | 15141_s_at | 1 | 0.72 | -0.72 | -1.65 | -0.28 | -0.58 | 1.68 | |
| 0.49 | 2.54 | -3.26 | -2.13 | -0.77 | -0.47 | | | | | |
| GENE1247X | 15886_at | 15886_at | 1 | -0.2 | -0.49 | -1.3 | -0.61 | 0.14 | 0.39 | |
| 0.12 | 0.87 | -2.52 | -1.43 | -0.29 | -1.11 | | | | | |
| GENE1127X | 15522_i_at | 15522_i_at | 1 | -0.87 | -0.37 | -1.15 | -1.11 | 0.18 | 1.12 | |
| 0.27 | 0.85 | -2.43 | -0.92 | -0.29 | -0.51 | | | | | |
| GENE1451X | 16459_s_at | 16459_s_at | 1 | -0.71 | -1.16 | -1.62 | -0.91 | 0.3 | 1.24 | |
| 0.74 | 1.4 | -2.04 | -1.9 | -0.31 | -0.55 | | | | | |
| GENE769X | 14491_at | 14491_at | 1 | -1.01 | -0.86 | -1.47 | -1.34 | 0.36 | 1.07 | |
| 0.82 | 1.09 | -2.19 | -1.45 | -0.54 | -0.8 | | | | | |
| GENE1524X | 16629_at | 16629_at | 1 | -0.59 | -1.37 | -1.85 | -1.45 | 0.44 | 1.31 | |
| 1.15 | 0.84 | -2.58 | -1.81 | -0.8 | -0.92 | | | | | |
| GENE1903X | 18024_s_at | 18024_s_at | 1 | -0.76 | -1.17 | -1.27 | -0.69 | 0.39 | 1.67 | - |
| 0.15 | 1.19 | -1.95 | -1.95 | -1.08 | -0.54 | | | | | |
| GENE1352X | 16126_s_at | 16126_s_at | 1 | -1.19 | -1.17 | -2.01 | -1.38 | 0.53 | 1.11 | |
| 0.49 | 1.3 | -2.56 | -1.75 | -1.68 | -1.21 | | | | | |
| GENE1670X | 17215_at | 17215_at | 1 | -1.21 | -1.45 | -2.09 | -1.53 | 0.27 | 1.38 | |
| 0.44 | 1.53 | -3.1 | -2.45 | -2.34 | -2.24 | | | | | |
| GENE317X | 12953_at | 12953_at | 1 | -1.04 | -1.22 | -2.33 | -2.11 | 0.66 | 1.48 | |
| 0.98 | 1.3 | -4.49 | -3.49 | -2.07 | -2.66 | | | | | |
| GENE1128X | 15523_s_at | 15523_s_at | 1 | -0.44 | -0.47 | -1.03 | -0.63 | 0.52 | 1.21 | |
| 0.78 | 1.3 | -1.46 | -0.7 | 0.48 | 0.22 | | | | | |

| | | | | | | | | | |
|-----------|------------|------------|-------|-------|-------|-------|----------|-------|------|
| GENE869X | 14733_s_at | 14733_s_at | 1 | -1.08 | -1.22 | -1.38 | -1.33 | 0.72 | 1.38 |
| 1.03 | 1.79 | -0.85 | -1.56 | 0.2 | 0.04 | | | | |
| GENE1541X | 16688_at | 16688_at | 1 | -0.36 | -0.51 | -0.53 | -0.65 | 0.47 | 0.41 |
| 0.6 | 0.81 | -1.17 | -1.04 | -0.18 | 0.3 | | | | |
| GENE1636X | 17072_s_at | 17072_s_at | 1 | -0.47 | -0.27 | -0.79 | -0.96 | 0.09 | 0.67 |
| 0.56 | 1.17 | -0.88 | -0.57 | -0.27 | -0.05 | | | | |
| GENE2231X | 19135_at | 19135_at | 1 | -2 | -0.6 | -1.3 | -2.67 | 0.38 | 1.11 |
| 1.85 | 1.42 | -2.55 | -1.34 | -0.13 | 0.2 | | | | |
| GENE1796X | 17600_s_at | 17600_s_at | 1 | -0.08 | -0.14 | 0.03 | -0.22 | 0.85 | 1.76 |
| 0.8 | 1.07 | -0.92 | -0.6 | -0.92 | -0.72 | | | | |
| GENE2704X | 20650_i_at | 20650_i_at | 1 | 0.19 | 0.13 | -0.06 | -0.2 | 0.68 | 1.04 |
| 0.5 | 0.74 | -0.49 | -0.72 | -0.99 | -0.86 | | | | |
| GENE2631X | 20456_at | 20456_at | 1 | -0.07 | 0.4 | -0.15 | -0.36 | 0.9 | 1.67 |
| 0.09 | 0.5 | -0.73 | -1.01 | -1.1 | -1.17 | | | | |
| GENE77X | 12186_at | 12186_at | 1 | 0.08 | 0.32 | -0.19 | -0.58 | 0.57 | 1.58 |
| 0.29 | 0.53 | -0.45 | -0.34 | -1.24 | -1.15 | | | | |
| GENE232X | 12675_s_at | 12675_s_at | 1 | -0.22 | -0.13 | -0.31 | -0.31 | 0.59 | 0.44 |
| 0.58 | 0.18 | -0.53 | -0.37 | -0.79 | -1.45 | | | | |
| GENE263X | 12769_at | 12769_at | 1 | 0.08 | 0.1 | -0.29 | -0.00964 | | 0.27 |
| 1.03 | 0.5 | 0.76 | -0.47 | -0.38 | -0.51 | -0.97 | | | |
| GENE2168X | 18907_s_at | 18907_s_at | 1 | 0.03 | 0.06 | -0.96 | -0.55 | 0.39 | 1.08 |
| 0.73 | 1.06 | -1.3 | -0.75 | -1.39 | -2.07 | | | | |
| GENE2028X | 18441_s_at | 18441_s_at | 1 | -0.19 | -0.37 | -0.67 | -0.17 | -0.01 | 0.68 |
| 0.43 | 0.67 | -1.32 | -0.38 | -0.92 | -0.86 | | | | |
| GENE1666X | 17187_at | 17187_at | 1 | -1.07 | -0.66 | -1.33 | -1.57 | 0.84 | 2.04 |
| 1.14 | 1.55 | -2.39 | -0.96 | -1.81 | -1.35 | | | | |
| GENE729X | 14393_at | 14393_at | 1 | -0.17 | -0.46 | -1.62 | -1.11 | 1.29 | 2.42 |
| 1.02 | 2.18 | -3.1 | -1.85 | -2.44 | -1.79 | | | | |
| GENE804X | 14574_at | 14574_at | 1 | 0.65 | 0.12 | -0.83 | -0.58 | 0.96 | 1.39 |
| 1.19 | 0.9 | -1.79 | -1.1 | -2 | -1.19 | | | | |
| GENE2057X | 18583_at | 18583_at | 1 | -0.36 | -1.05 | -3.05 | -1.27 | 1.2 | 0.88 |
| 0.35 | 0.47 | -1.37 | 0.62 | -0.16 | -0.84 | | | | |
| GENE2036X | 18503_at | 18503_at | 1 | 1.11 | -0.89 | -2.43 | -1.29 | 0.61 | 0.88 |
| 0.12 | 0.54 | -0.92 | -0.16 | -0.88 | -0.68 | | | | - |
| GENE2137X | 18747_f_at | 18747_f_at | 1 | -0.43 | -1.58 | -2.43 | -1.43 | 1.62 | 2.96 |
| 1.1 | 1.2 | -1.13 | -1.13 | -0.24 | -1.37 | | | | |
| GENE2037X | 18507_s_at | 18507_s_at | 1 | 0.17 | -0.58 | -1.43 | -0.94 | 0.89 | 1.74 |
| 0.69 | 1.32 | -0.55 | -0.05 | -0.5 | -0.5 | | | | |
| GENE2146X | 18789_at | 18789_at | 1 | -0.23 | -0.73 | -2 | -2 | 1.83 | 3.23 |
| 1.67 | 1.71 | -0.84 | -0.84 | -1.13 | -1.13 | | | | |
| GENE1931X | 18091_at | 18091_at | 1 | -0.1 | -0.49 | -1 | -0.95 | 0.82 | 1.02 |
| 0.59 | 0.31 | -0.48 | -0.05 | -0.72 | -0.36 | | | | |
| GENE513X | 13543_at | 13543_at | 1 | -0.12 | -0.79 | -1.27 | -0.98 | 1.18 | 1.7 |
| 0.62 | 1.1 | -0.77 | -0.49 | -0.89 | -1.36 | | | | |
| GENE570X | 13640_at | 13640_at | 1 | 0.24 | -0.44 | -1.83 | -0.75 | 1.23 | 1.77 |
| 0.37 | 0.6 | -0.72 | -0.72 | -1.29 | -1.29 | | | | |
| GENE1916X | 18062_at | 18062_at | 1 | -0.27 | -0.43 | -0.4 | -0.46 | 0.12 | 0.78 |
| 0.34 | 0.25 | -0.85 | -0.17 | -0.2 | -1.07 | | | | - |
| GENE354X | 13084_at | 13084_at | 1 | 0.76 | -0.22 | -0.8 | 0.03 | 0.39 | 0.59 |
| 0.36 | 0.16 | -0.83 | -0.67 | -1.07 | -1.24 | | | | - |
| GENE746X | 14436_at | 14436_at | 1 | 0.59 | -0.68 | -1.05 | -0.44 | 0.52 | 1.51 |
| 0.01 | 1 | -1.1 | -0.21 | -1.78 | -1.39 | | | | |
| GENE114X | 12284_at | 12284_at | 1 | 0.43 | -0.69 | -1.38 | -0.32 | 0.39 | 1.65 |
| 0.35 | 0.95 | -1.9 | -1.1 | -2.14 | -1.82 | | | | |
| GENE2287X | 19362_at | 19362_at | 1 | 0.15 | -0.55 | -1 | -0.56 | 0.06 | 0.37 |
| 0.03 | 0.02 | -1.15 | -0.74 | -0.6 | -0.58 | | | | |

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|-----------|------------|------------|----------|-------|-------|-----------|-------|-------|-------|---|
| GENE2162X | 18886_at | 18886_at | 1 | -0.09 | -0.52 | -1.85 | -0.38 | 0.17 | 0.88 | |
| | 0.14 | 0.81 | -1.81 | -1.24 | -1.04 | -0.75 | | | | |
| GENE1188X | 15664_at | 15664_at | 1 | 0.22 | -0.46 | -0.78 | -1.08 | 0.45 | 0.88 | - |
| | 0.17 | 0.27 | -1.08 | -1.11 | -0.94 | -1.15 | | | | |
| GENE2259X | 19209_s_at | 19209_s_at | 1 | -0.13 | -0.55 | -1.03 | -0.76 | 0.31 | 0.58 | |
| | 0.12 | 0.37 | -0.82 | -0.76 | -1 | -0.93 | | | | |
| GENE2011X | 18344_at | 18344_at | 1 | 0.12 | -0.48 | -0.93 | -0.55 | 0.13 | 0.39 | - |
| | 0.77 | 0.04 | -1.35 | -0.81 | -0.95 | -1.32 | | | | |
| GENE147X | 12387_at | 12387_at | 1 | -0.12 | -1.19 | -1.3 | -0.63 | -0.15 | 0.72 | - |
| | 0.51 | 0.36 | -1.51 | -0.79 | -1.78 | -1.54 | | | | |
| GENE1136X | 15544_at | 15544_at | 1 | -0.65 | -1.54 | -1.49 | -1.21 | -0.33 | 0.74 | - |
| | 0.88 | 0.41 | -2.58 | -1.89 | -2.12 | -2.37 | | | | |
| GENE201X | 12556_at | 12556_at | 1 | 0 | 0 | 0 | 0 | 0.6 | 2.51 | |
| | 0.82 | 1.82 | -2.07 | -1.39 | 0.1 | -0.37 | | | | |
| GENE2646X | 20495_s_at | 20495_s_at | 1 | 0.57 | -0.1 | -0.49 | 0.17 | 0.66 | 2.05 | |
| | 1.55 | 1.88 | -1.67 | -0.77 | -0.3 | -0.02 | | | | |
| GENE2324X | 19442_at | 19442_at | 1 | 0.41 | 0 | -0.84 | -0.58 | 0.82 | 1.43 | |
| | 1.34 | 1.91 | -1.32 | -1.32 | -0.22 | -0.48 | | | | |
| GENE925X | 14984_s_at | 14984_s_at | 1 | -0.27 | -0.05 | -0.3 | -0.4 | 0.48 | 1.36 | |
| | 0.83 | 1.34 | -1.12 | -0.94 | -0.24 | -0.21 | | | | |
| GENE2598X | 20360_at | 20360_at | 1 | 0.46 | 0.28 | -0.37 | 0.01 | 0.56 | 0.81 | |
| | 0.93 | 0.7 | -0.74 | -1.18 | -0.17 | -0.63 | | | | |
| GENE1441X | 16446_at | 16446_at | 1 | 0.1 | 0.29 | -0.000624 | | -0.03 | 0.61 | |
| | 1.03 | 1.12 | 1.3 | -0.31 | -0.59 | -0.00961 | | -0.59 | | |
| GENE1624X | 17046_s_at | 17046_s_at | 1 | 0.04 | 0.47 | 0.59 | -0.15 | 0.17 | 0.63 | |
| | 0.86 | 1.11 | -0.57 | -0.78 | 0.14 | -0.43 | | | | |
| GENE438X | 13247_f_at | 13247_f_at | 1 | 0.56 | 0.24 | 0.24 | 0.43 | 0.21 | 1.04 | |
| | 0.72 | 1.13 | -0.4 | -0.32 | 0.15 | -0.02 | | | | |
| GENE5X | 11996_at | 11996_at | 1 | 0.43 | 0.4 | 0.21 | 0.21 | 0.04 | 0.63 | |
| | 0.49 | 1.07 | -0.46 | -0.1 | 0.03 | -0.1 | | | | |
| GENE1503X | 16573_s_at | 16573_s_at | 1 | 0.91 | 0.55 | 0.37 | 0.62 | 0.68 | 1.78 | |
| | 0.29 | 0.81 | -0.23 | -0.29 | -0.52 | -0.47 | | | | |
| GENE759X | 14479_at | 14479_at | 1 | 0.71 | 1.04 | 0.99 | 0.78 | 0.51 | 1.25 | |
| | 1.01 | 1.56 | -0.29 | -0.65 | -0.25 | -0.55 | | | | |
| GENE340X | 13026_at | 13026_at | 1 | 0.58 | 0.52 | 0.72 | 1 | 1.32 | 1.89 | |
| | 1.28 | 2.13 | -0.79 | -0.16 | -1.02 | -1.02 | | | | |
| GENE583X | 13660_i_at | 13660_i_at | 1 | 0.31 | 0.97 | 1.14 | 0.49 | -0.73 | 0.18 | |
| | 0.77 | 1.58 | -0.9 | -1.58 | -0.48 | -0.48 | | | | |
| GENE637X | 13943_at | 13943_at | 1 | 0.17 | 0.14 | 0.07 | -0.01 | -0.02 | 0.76 | |
| | 0.97 | 1.67 | -0.7 | -0.83 | -0.11 | -0.51 | | | | |
| GENE251X | 12748_f_at | 12748_f_at | 1 | 0 | 0 | 0 | 0 | 0.44 | 0.77 | |
| | 0.62 | 2.64 | -1.48 | -1.48 | -0.87 | -1.13 | | | | |
| GENE293X | 12843_s_at | 12843_s_at | 1 | 0.33 | 0.01 | -0.1 | 0.15 | -0.06 | 0.43 | |
| | 0.38 | 1.33 | -0.32 | -1.07 | -0.65 | 0.26 | | | | |
| GENE313X | 12945_at | 12945_at | 1 | 1.01 | -0.62 | -1.33 | 0.38 | -0.8 | -1 | 0 |
| | 0.84 | -0.8 | -0.8 | 0 | 0 | | | | | |
| GENE1617X | 17019_s_at | 17019_s_at | 1 | 0.75 | -0.64 | -1.23 | 0.15 | -0.28 | 0.34 | |
| | 0.16 | -0.19 | -0.45 | -1.13 | -0.41 | 0 | | | | |
| GENE2237X | 19156_s_at | 19156_s_at | 1 | 1.08 | 0.35 | -0.07 | 0.73 | 0.22 | -0.18 | - |
| | 0.02 | 0.13 | -0.00656 | -0.81 | 0.14 | -0.4 | | | | |
| GENE334X | 13018_at | 13018_at | 1 | 1.02 | 0.26 | -0.25 | 0.4 | 0 | 0 | 0 |
| | 0 | 0 | 0 | 0 | 0 | | | | | |
| GENE1896X | 18014_s_at | 18014_s_at | 1 | -0.28 | -0.02 | -0.44 | -1.04 | 0.4 | 0.05 | |
| | 0.35 | -0.68 | 1.14 | 0.47 | 0.42 | 0.42 | | | | |
| GENE947X | 15036_r_at | 15036_r_at | 1 | -0.39 | 0.28 | -0.32 | -1.11 | 0.62 | 0.05 | |
| | 0.35 | -1.03 | 0.96 | 0.96 | 0.27 | -0.03 | | | | |

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|-----------|------------|------------|-------|-------|-------|-------|-------|-------|---------|---|
| GENE1897X | 18015_i_at | 18015_i_at | 1 | -1.55 | -1.17 | -1.95 | -2.51 | 0.1 | 0.78 | - |
| 0.03 | -0.2 | 1.62 | 1.63 | 0.35 | 0 | | | | | |
| GENE229X | 12661_at | 12661_at | 1 | -1.94 | -0.5 | -0.75 | -1.43 | 0.33 | -0.44 | |
| 0.3 | -0.22 | 1.24 | 1.84 | 0.65 | -0.22 | | | | | |
| GENE1364X | 16162_s_at | 16162_s_at | 1 | -0.05 | -0.48 | -1.03 | -0.87 | -0.03 | 0.07 | - |
| 0.1 | -0.4 | 0.23 | 0.38 | 0.26 | 0.4 | | | | | |
| GENE1175X | 15636_at | 15636_at | 1 | -0.51 | -0.8 | -0.97 | -1.12 | 0.79 | 0.2 | |
| 0.23 | -0.93 | 0.11 | 0.15 | -0.04 | -0.08 | | | | | |
| GENE2698X | 20644_at | 20644_at | 1 | -0.43 | -0.3 | -0.59 | -1.6 | -0.06 | 0.23 | |
| 0.31 | 0.14 | -0.4 | -0.05 | 0.19 | 0.42 | | | | | |
| GENE1979X | 18272_at | 18272_at | 1 | -2.52 | -1.32 | -1.29 | -2.75 | 0.23 | 0.37 | |
| 1.11 | 1.23 | -0.12 | 0.29 | 0.53 | 0.92 | | | | | |
| GENE2406X | 19830_at | 19830_at | 1 | -0.69 | -0.16 | -0.48 | -1.18 | 0.09 | -0.15 | |
| 0.36 | 0.27 | -0.07 | 0.41 | -0.16 | 0.14 | | | | | |
| GENE1655X | 17113_s_at | 17113_s_at | 1 | -1.3 | -0.38 | -0.76 | -1.34 | -0.56 | -0.32 | - |
| 0.11 | -0.21 | -0.42 | -0.36 | -0.19 | -0.29 | | | | | |
| GENE854X | 14704_s_at | 14704_s_at | 1 | -1.85 | 0.2 | -1.31 | -2.89 | -0.35 | -0.52 | |
| 0.14 | -0.08 | -0.19 | -0.18 | -0.29 | -0.1 | | | | | |
| GENE1233X | 15846_at | 15846_at | 1 | -1.97 | 0.28 | -1.04 | -2.9 | -0.49 | -0.37 | |
| 0.13 | -0.11 | -0.38 | -0.24 | -0.33 | 0.08 | | | | | |
| GENE65X | 12160_at | 12160_at | 1 | -0.32 | -0.32 | -0.27 | -1.42 | 0.29 | -0.28 | |
| 0.51 | 0.45 | -0.67 | -0.54 | -0.23 | -0.43 | | | | | |
| GENE177X | 12494_at | 12494_at | 1 | -1.12 | 0 | -0.25 | -0.78 | 0.22 | 0.57 | |
| 0.31 | 0.35 | 0.37 | 0.5 | -0.09 | -0.63 | | | | | |
| GENE173X | 12483_at | 12483_at | 1 | -0.93 | -0.42 | -0.39 | -1.17 | -0.26 | 0.38 | |
| 0.07 | 0.21 | -0.07 | 0.38 | -0.4 | -0.2 | | | | | |
| GENE757X | 14475_at | 14475_at | 1 | -0.31 | -0.52 | -1.08 | -1.17 | 0 | -0.14 | |
| 0.82 | 0.15 | -0.86 | -0.95 | 1.46 | 0.79 | | | | | |
| GENE2568X | 20271_at | 20271_at | 1 | -0.77 | -0.85 | -2.05 | -1.15 | -0.54 | -1.12 | |
| 0.38 | -0.21 | -0.22 | 0.29 | 1.85 | 1.82 | | | | | |
| GENE92X | 12226_at | 12226_at | 1 | -0.25 | -0.78 | -1.4 | -1.3 | 0.09 | -0.15 | |
| 0.8 | 0.12 | 0.13 | 0.15 | 1.05 | 1.1 | | | | | |
| GENE1398X | 16306_at | 16306_at | 1 | -0.91 | -1.26 | -2.03 | -1.35 | -0.27 | -0.38 | |
| 0.5 | 0.17 | -0.88 | -0.57 | 1.01 | 0.65 | | | | | |
| GENE1034X | 15196_s_at | 15196_s_at | 1 | -1.66 | -1.36 | -1.72 | -1.45 | -1.22 | -0.22 | - |
| 0.04 | 0.95 | -0.75 | -0.57 | 0.82 | 1.27 | | | | | |
| GENE1464X | 16487_at | 16487_at | 1 | -1.32 | -0.6 | -0.91 | -1.5 | -0.35 | -0.07 | |
| 0.35 | 0.43 | -1.05 | -1.01 | 0.31 | 0.29 | | | | | |
| GENE81X | 12193_at | 12193_at | 1 | -1.32 | -0.89 | -0.93 | -0.93 | -0.28 | -0.82 | |
| 0.66 | 0.34 | -0.53 | -0.33 | 0.62 | -0.45 | | | | | |
| GENE870X | 14735_s_at | 14735_s_at | 1 | -0.27 | -0.6 | -1.04 | -0.64 | 0.26 | 0.32 | |
| 0.33 | 0.27 | 0.33 | 0.04 | 0.4 | 0.27 | | | | | |
| GENE1642X | 17092_at | 17092_at | 1 | -0.79 | -0.58 | -1.23 | -1.5 | 0.3 | 0.32 | |
| 0.5 | 0.47 | 0.04 | 0.14 | 0.83 | 0.29 | | | | | |
| GENE1052X | 15252_g_at | 15252_g_at | 1 | -0.59 | -0.75 | -0.86 | -1.24 | 0.39 | 0.12 | |
| 0.16 | 0.14 | 0.28 | 0.34 | 0.29 | 0.24 | | | | | |
| GENE1899X | 18017_f_at | 18017_f_at | 1 | -1.22 | -1.08 | -1.11 | -1.08 | -0.41 | -0.48 | |
| 0.07 | 0.37 | 0.6 | 0.42 | 0.53 | 0.51 | | | | | |
| GENE2039X | 18512_at | 18512_at | 1 | -1.1 | -1.03 | -1.56 | -1.03 | -0.19 | -0.0066 | |
| -0.04 | 0.00899 | 0.28 | 0.55 | 0.51 | 0.37 | | | | | |
| GENE1898X | 18016_r_at | 18016_r_at | 1 | -1.48 | -1.76 | -1.84 | -1.62 | -0.76 | 0.11 | |
| 0.11 | -0.08 | 0.08 | 0.37 | 0.35 | 0.62 | | | | | |
| GENE1110X | 15483_s_at | 15483_s_at | 1 | -1.89 | -1.44 | -2.72 | -2.34 | 0.12 | 0.95 | |
| 0.11 | 1.06 | -0.56 | -0.25 | 0.1 | 0.5 | | | | | |
| GENE1463X | 16486_at | 16486_at | 1 | -1.61 | -0.89 | -1.54 | -1.72 | 0.27 | 0.6 | - |
| 0.05 | 0.07 | -0.2 | -0.17 | -0.39 | -0.22 | | | | | |

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|-----------|------------|------------|-------|---------|-------|-------|-------|-------|-------|---|
| GENE1122X | 15516_s_at | 15516_s_at | 1 | -1.08 | -0.82 | -1.2 | -1.16 | -0.04 | 0.73 | |
| | 0.16 | 0.55 | 0.35 | 0.5 | -0.33 | 0.64 | | | | |
| GENE515X | 13545_at | 13545_at | 1 | -0.74 | -0.29 | -0.58 | -1 | 0.05 | 0.46 | |
| | 0.08 | 0.49 | -0.04 | 0.28 | -0.41 | 0.19 | | | | |
| GENE190X | 12531_at | 12531_at | 1 | -0.61 | -0.62 | -1.22 | -0.56 | 0.23 | 0.48 | - |
| | 0.28 | -0.16 | 0.08 | 0.23 | -0.22 | 0.01 | | | | |
| GENE924X | 14982_at | 14982_at | 1 | -0.52 | -0.95 | -1.3 | -0.9 | -0.56 | 0.66 | - |
| | 0.28 | 0.46 | 0.35 | 0.14 | -0.42 | -0.47 | | | | |
| GENE1255X | 15907_at | 15907_at | 1 | 0.1 | -0.46 | -1.08 | -0.62 | -0.28 | 0.24 | - |
| | 0.08 | 0.11 | -0.28 | -0.37 | -0.22 | 0.57 | | | | |
| GENE1383X | 16239_at | 16239_at | 1 | 0.03 | -0.51 | -1.01 | -0.09 | 0.13 | 0.18 | - |
| | 0.12 | 0.19 | -0.1 | -0.08 | -0.24 | 0.5 | | | | |
| GENE1096X | 15453_at | 15453_at | 1 | -1.4 | -0.12 | -0.88 | -0.67 | -0.45 | -0.28 | |
| | 0.36 | 0.04 | -0.19 | 0.39 | 0.64 | 1.07 | | | | |
| GENE161X | 12443_at | 12443_at | 1 | -1.06 | -0.63 | -0.59 | -0.04 | -0.79 | -0.98 | |
| | 0.02 | 0.45 | 0.07 | 0.78 | -0.03 | 0.61 | | | | |
| GENE305X | 12912_at | 12912_at | 1 | -0.5 | 0.2 | 0.48 | -0.07 | 0.19 | -2.89 | - |
| | 0.21 | -0.65 | 1.25 | 0.62 | 0.59 | 0.2 | | | | |
| GENE411X | 13183_r_at | 13183_r_at | 1 | -0.1 | 0.18 | 0.17 | -0.02 | 0.06 | -1.2 | |
| | 0.26 | 0.16 | 0.16 | 0.02 | 0.3 | 0.3 | | | | |
| GENE412X | 13184_s_at | 13184_s_at | 1 | -0.15 | -0.34 | -0.42 | -0.17 | 0.01 | -1.18 | |
| | 0.04 | 0.09 | 0.21 | 0.05 | 0.06 | 0.39 | | | | |
| GENE2330X | 19457_at | 19457_at | 1 | -1.63 | 0.04 | -0.18 | -1.25 | -0.23 | -1.37 | |
| | 0.68 | -0.58 | -0.23 | 0.34 | 0.76 | 0.07 | | | | |
| GENE1714X | 17398_at | 17398_at | 1 | -1.16 | 0.13 | -0.06 | -1.44 | -0.31 | -1.34 | - |
| | 0.34 | -0.96 | -0.17 | 0.11 | 0.49 | -0.16 | | | | |
| GENE349X | 13067_s_at | 13067_s_at | 1 | -1.01 | 0.22 | 0.13 | -0.74 | -0.01 | -1.12 | - |
| | 0.26 | -1.04 | -0.27 | 0.00928 | 0.08 | -0.07 | | | | |
| GENE1355X | 16134_at | 16134_at | 1 | 0.2 | 0.48 | 1.73 | 1.82 | -0.29 | -0.85 | - |
| | 0.32 | -0.46 | 0.44 | 0.35 | 0.53 | 0.56 | | | | |
| GENE449X | 13270_at | 13270_at | 1 | 0.01 | 1.07 | 2.12 | 2.19 | -0.38 | -0.88 | - |
| | 0.09 | -0.85 | 0.71 | 0.3 | 0.48 | 0.46 | | | | |
| GENE1008X | 15143_s_at | 15143_s_at | 1 | 0.34 | 0.55 | 1.45 | 1.52 | -0.06 | -0.63 | - |
| | 0.13 | -0.58 | 0.64 | 0.48 | 0.25 | 0.12 | | | | |
| GENE818X | 14608_at | 14608_at | 1 | -0.45 | 0.84 | 1.95 | 2.18 | -0.11 | -0.53 | - |
| | 0.44 | -0.28 | 0.64 | 0.34 | 0.05 | 0.25 | | | | |
| GENE450X | 13271_g_at | 13271_g_at | 1 | 0.37 | 0.9 | 2.17 | 2.29 | -0.29 | -0.05 | - |
| | 0.26 | -0.32 | 0.88 | 0.49 | 0.47 | 0.42 | | | | |
| GENE1704X | 17381_at | 17381_at | 1 | 0.1 | 0.45 | 1.75 | 1.99 | -0.16 | -0.52 | |
| | 0.02 | 0.33 | 0.44 | 0.33 | 0.5 | 0.46 | | | | |
| GENE2689X | 20620_g_at | 20620_g_at | 1 | -0.28 | 1.29 | 3.77 | 4.07 | -0.77 | -1.26 | |
| | 0.19 | -0.48 | 0.58 | 0 | 1.51 | -0.22 | | | | |
| GENE1488X | 16536_at | 16536_at | 1 | 0.33 | 1.63 | 4.31 | 4.18 | -1.1 | -2.58 | - |
| | 1.37 | -1.37 | -0.38 | -0.65 | 1.25 | -0.11 | | | | |
| GENE2688X | 20619_at | 20619_at | 1 | 0.04 | 0.97 | 2.99 | 3.59 | -1.42 | -0.48 | - |
| | 0.3 | -0.68 | -0.48 | 0.08 | 0 | 0 | | | | |
| GENE949X | 15040_g_at | 15040_g_at | 1 | 0.97 | 0.64 | 1.77 | 2.35 | 0.12 | -0.06 | |
| | 0.67 | 0.4 | 0.1 | 0.22 | -0.04 | 0.14 | | | | |
| GENE1491X | 16539_s_at | 16539_s_at | 1 | 1.05 | 0.75 | 2.75 | 3.54 | 0.64 | -0.18 | |
| | 0.44 | 1.24 | 0.11 | 0.52 | -0.06 | -0.13 | | | | |
| GENE2066X | 18600_at | 18600_at | 1 | 0.38 | 1.05 | 2.55 | 3.11 | 0.1 | -0.16 | - |
| | 0.00998 | -0.06 | 0.37 | 0.87 | -0.3 | -0.37 | | | | |
| GENE246X | 12739_s_at | 12739_s_at | 1 | 0.41 | 0.88 | 1.28 | 0.97 | -0.06 | -0.05 | |
| | 0.44 | 0.02 | -0.02 | 0.22 | -0.42 | -0.46 | | | | |
| GENE948X | 15039_at | 15039_at | 1 | 0.51 | 0.07 | 1.43 | 2.16 | -0.26 | -0.13 | |
| | 0.24 | -0.18 | -0.65 | -0.07 | -0.23 | -0.32 | | | | |

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|-----------|------------|------------|-------|-------|-------|-------|------|-------|-------|---|
| GENE603X | 13806_at | 13806_at | 1 | 0.1 | 0.75 | 1.48 | 2.09 | 0.24 | -0.36 | - |
| | 0.1 | -0.24 | -0.66 | 0.39 | -1.05 | -0.44 | | | | |
| GENE1842X | 17886_at | 17886_at | 1 | -0.15 | 0.47 | 2.56 | 3.48 | 0.06 | -0.53 | - |
| | 0.98 | -0.19 | -0.37 | -0.08 | -1.36 | -1.04 | | | | |
| GENE2278X | 19268_at | 19268_at | 1 | 1.76 | 3.92 | 4.27 | 2.84 | 0.63 | -0.84 | 0 |
| | 0.26 | 1.95 | 0.63 | 0.84 | 0 | | | | | |
| GENE2379X | 19664_at | 19664_at | 1 | 0.91 | 1.77 | 2.35 | 1.86 | 0.16 | -0.12 | - |
| | 0.18 | -0.73 | 0.94 | 0.26 | 0 | -0.25 | | | | |
| GENE2617X | 20406_g_at | 20406_g_at | 1 | 0.35 | 0.89 | 1.26 | 1.04 | -0.09 | -0.25 | - |
| | 0.15 | 0 | 0.68 | 0.14 | -0.01 | -0.12 | | | | |
| GENE1677X | 17278_at | 17278_at | 1 | 1.07 | 2.93 | 2.43 | 1.35 | 0.75 | -0.26 | |
| | 0.3 | -1.21 | 1.68 | 1.34 | 0.31 | 0.04 | | | | |
| GENE2593X | 20345_at | 20345_at | 1 | 0.28 | 2.21 | 2.18 | 1.14 | 1.05 | 0.14 | |
| | 0.08 | -0.61 | 1.39 | 1.02 | -0.01 | -0.19 | | | | |
| GENE2616X | 20405_at | 20405_at | 1 | 0.4 | 1.01 | 1.44 | 0.93 | 0.56 | 0.38 | |
| | 0.19 | 0.03 | 1.15 | 0.78 | 0.19 | -0.15 | | | | |
| GENE557X | 13615_at | 13615_at | 1 | 0.72 | 1.07 | 1.07 | 0.88 | 0.54 | 0.23 | |
| | 0.16 | 0.13 | 0.5 | 0.48 | 0.13 | -0.34 | | | | |
| GENE558X | 13617_at | 13617_at | 1 | 0.61 | 1.79 | 2.71 | 2.75 | 0.74 | 0.24 | - |
| | 0.16 | -0.28 | 1.48 | 1.19 | 0.47 | 0.64 | | | | |
| GENE571X | 13641_at | 13641_at | 1 | 0.52 | 1.04 | 1.72 | 1.44 | 0.47 | -0.04 | |
| | 0.21 | -0.43 | 0.93 | 1.16 | 0.29 | 0.4 | | | | |
| GENE352X | 13078_at | 13078_at | 1 | 0.49 | 0.79 | 1.07 | 0.8 | 0.19 | 0.13 | - |
| | 0.1 | -0.16 | 0.59 | 0.41 | 0.39 | 0.25 | | | | |
| GENE1427X | 16393_s_at | 16393_s_at | 1 | 0.8 | 1.25 | 1.84 | 1.61 | 0.46 | 0.29 | - |
| | 0.02 | -0.83 | 1.27 | 1.06 | 0.08 | 0.04 | | | | |
| GENE2552X | 20235_i_at | 20235_i_at | 1 | 0.95 | 2.23 | 2.88 | 1.95 | 0.38 | -0.2 | - |
| | 0.08 | -1.22 | 1.68 | 1.25 | 0.15 | 0 | | | | |
| GENE1407X | 16331_at | 16331_at | 1 | 0.84 | 1.84 | 2.45 | 2.17 | 0.26 | -0.18 | |
| | 0.03 | -0.92 | 0.97 | 1.31 | 0.03 | 0.25 | | | | |
| GENE312X | 12943_at | 12943_at | 1 | 1.22 | 2.77 | 3.5 | 3.05 | -0.34 | 0.45 | - |
| | 0.52 | -2.61 | 1.79 | 2.07 | -0.18 | 0.33 | | | | |
| GENE2139X | 18751_f_at | 18751_f_at | 1 | 2.32 | 3.14 | 3.62 | 2.93 | 2.32 | 2 | - |
| | 1.78 | -2.66 | 1.67 | 2.32 | -1.54 | -0.85 | | | | |
| GENE315X | 12949_at | 12949_at | 1 | 1.92 | 1.19 | 1.27 | 1.68 | 0.28 | 0.59 | - |
| | 0.36 | -0.35 | -0.23 | 0.45 | -0.46 | -0.62 | | | | |
| GENE152X | 12412_at | 12412_at | 1 | 0.12 | 0.79 | 1.12 | 0.74 | 0.32 | 0.14 | - |
| | 0.31 | -0.11 | 0.37 | -0.1 | -0.44 | -0.33 | | | | |
| GENE1563X | 16818_at | 16818_at | 1 | 1.14 | 1.59 | 1.76 | 1.72 | 1.49 | 0.66 | - |
| | 0.1 | -0.55 | 0.62 | 0 | -0.71 | -0.63 | | | | |
| GENE130X | 12335_at | 12335_at | 1 | 0.17 | 0.47 | 1.43 | 1.73 | 0.37 | -0.14 | - |
| | 0.32 | -0.67 | 0.86 | 0.47 | -0.15 | 0.03 | | | | |
| GENE126X | 12315_at | 12315_at | 1 | -0.31 | 0.45 | 1.07 | 1.17 | 0.07 | -0.2 | - |
| | 0.53 | -0.71 | 0.73 | 0.79 | -0.11 | -0.02 | | | | |
| GENE1698X | 17368_at | 17368_at | 1 | -0.36 | 0.53 | 1.15 | 0.73 | 0 | -0.35 | |
| | 0.08 | -0.94 | 1.2 | 0.93 | -0.49 | -0.14 | | | | |
| GENE809X | 14584_at | 14584_at | 1 | 0 | 0.92 | 1 | 0.76 | 0.33 | 0.07 | - |
| | 0.4 | -1.72 | 1.11 | 0.75 | 0.53 | -0.26 | | | | |
| GENE1534X | 16672_at | 16672_at | 1 | 0.12 | 0.34 | 0.56 | 0.41 | 0.14 | -0.16 | - |
| | 0.5 | -1.07 | 0.57 | 0.41 | -0.01 | -0.11 | | | | |
| GENE2589X | 20331_at | 20331_at | 1 | -0.1 | 0.86 | 1.16 | 0.58 | 0.04 | 0.02 | - |
| | 0.58 | -0.8 | 0.8 | 0.42 | 0.02 | -0.3 | | | | |
| GENE113X | 12278_at | 12278_at | 1 | -0.58 | 2 | 2.92 | 2.27 | 0.54 | -1.13 | - |
| | 2.28 | -2.96 | 2.18 | 1.58 | 0 | -0.47 | | | | |
| GENE1409X | 16340_at | 16340_at | 1 | 0.76 | 2.08 | 2.75 | 2.35 | 0.43 | -1.17 | - |
| | 0.13 | -2.48 | 1.54 | 0.86 | 0.61 | -0.25 | | | | |

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|-----------|------------|------------|-------|-------|----------|-------|-------|-------|-------|---|
| GENE1319X | 16060_at | 16060_at | 1 | 0.59 | 0.56 | 1.33 | 1.63 | 0.24 | -0.48 | - |
| | 0.55 | -1.1 | 0.55 | 0.37 | -0.07 | -0.32 | | | | |
| GENE1337X | 16088_f_at | 16088_f_at | 1 | 0.61 | 0.94 | 1.61 | 1.25 | 0.46 | -0.55 | - |
| | 0.98 | -1.45 | 0.96 | 0.65 | -0.4 | -0.1 | | | | |
| GENE139X | 12353_at | 12353_at | 1 | 0.84 | 1.48 | 1.36 | 1.08 | 0.05 | -0.14 | - |
| | 0.12 | -1.01 | 0.41 | 0.54 | -0.58 | -0.28 | | | | |
| GENE140X | 12354_g_at | 12354_g_at | 1 | 0.66 | 1.42 | 1.31 | 0.93 | 0.05 | -0.31 | - |
| | 0.13 | -0.9 | 0.45 | 0.43 | -0.65 | -0.19 | | | | |
| GENE2682X | 20609_at | 20609_at | 1 | 0.51 | 0.51 | 0.51 | 0.3 | 0.12 | -0.22 | - |
| | 0.38 | -1.05 | 0.44 | 0.1 | -0.25 | -0.45 | | | | |
| GENE1419X | 16365_at | 16365_at | 1 | 1.48 | 4.45 | 3.86 | 2.48 | 1.27 | -1.5 | - |
| | 0.58 | -5.72 | 0.18 | -0.07 | -2.02 | -1.65 | | | | |
| GENE1942X | 18167_s_at | 18167_s_at | 1 | -0.55 | 0.06 | 1.85 | 1.66 | -0.97 | -0.5 | - |
| | 0.5 | -0.24 | 0.37 | 0.21 | -0.04 | 0 | | | | |
| GENE1201X | 15683_s_at | 15683_s_at | 1 | -0.77 | 0.46 | 1.09 | 1.11 | -0.61 | -0.61 | - |
| | 0.65 | -0.37 | 0.02 | 0.02 | -0.13 | 0.09 | | | | |
| GENE1569X | 16893_at | 16893_at | 1 | -0.32 | 0.51 | 1.06 | 0.88 | -0.5 | -0.42 | - |
| | 0.3 | -0.15 | -0.27 | -0.14 | -0.37 | -0.19 | | | | |
| GENE785X | 14529_at | 14529_at | 1 | -0.58 | 0.61 | 1.9 | 1.55 | -0.55 | -2 | - |
| | 0.66 | -1.04 | 0 | 0.14 | 0.39 | 0.08 | | | | |
| GENE463X | 13296_at | 13296_at | 1 | -0.37 | 0.78 | 0.98 | 0.77 | -0.34 | -1.34 | - |
| | 0.53 | -0.24 | 0.21 | -0.44 | -0.2 | -0.2 | | | | |
| GENE257X | 12759_at | 12759_at | 1 | 0.53 | 0.56 | 1.31 | 2.04 | -0.65 | -1 | - |
| | 0.94 | -1.62 | -0.62 | 0.2 | 0.33 | 0.31 | | | | |
| GENE1732X | 17442_i_at | 17442_i_at | 1 | 0.43 | 0.89 | 1.49 | 1.44 | -0.39 | -0.9 | - |
| | 1.28 | -1.56 | 0.56 | 0.19 | 0.12 | 0.28 | | | | |
| GENE1731X | 17441_s_at | 17441_s_at | 1 | 0.41 | 0.64 | 1.21 | 1.4 | -0.39 | -1.19 | - |
| | 1.33 | -1.53 | 0.56 | 0.14 | -0.00759 | 0.23 | | | | |
| GENE968X | 15085_at | 15085_at | 1 | 1.04 | 1.86 | 2.21 | 1.77 | -0.33 | -1.21 | - |
| | 0.69 | -1.22 | 0.19 | 0.38 | -0.14 | -0.57 | | | | |
| GENE2601X | 20369_s_at | 20369_s_at | 1 | 0.36 | 1.18 | 1.4 | 1.14 | -0.34 | -1.26 | - |
| | 0.32 | -0.83 | 0.05 | -0.22 | -0.36 | -0.55 | | | | |
| GENE179X | 12497_at | 12497_at | 1 | 0 | 1.43 | 1.82 | 1.39 | -0.02 | -0.79 | - |
| | 0.69 | -1.33 | 0.32 | 0.11 | -0.57 | -0.58 | | | | |
| GENE396X | 13157_at | 13157_at | 1 | 0.58 | 1.02 | 1.3 | 0.95 | 0.27 | -0.42 | - |
| | 0.04 | -0.58 | 0.32 | 0.08 | 0.62 | 0.27 | | | | |
| GENE1168X | 15620_s_at | 15620_s_at | 1 | 0.33 | 0.93 | 1.4 | 1.15 | 0.31 | -0.24 | - |
| | 0.25 | -0.91 | 0.28 | -0.28 | 0.18 | 0.14 | | | | |
| GENE1719X | 17413_s_at | 17413_s_at | 1 | 1.19 | 2.18 | 2.16 | 1.34 | 1.61 | -1.26 | - |
| | 0.66 | -1.21 | 1.21 | -0.25 | 0.61 | -0.51 | | | | |
| GENE227X | 12630_at | 12630_at | 1 | 0.76 | 3.09 | 3.4 | 1.98 | 0.5 | -2.26 | - |
| | 0.27 | -1.92 | 0.77 | -0.94 | 0.21 | -0.16 | | | | |
| GENE2553X | 20238_at | 20238_at | 1 | 0.61 | 1.14 | 1.16 | 0.41 | 0.19 | -0.92 | - |
| | 0.03 | -1.01 | 0.23 | -0.11 | 0.06 | -0.27 | | | | |
| GENE2239X | 19158_at | 19158_at | 1 | 0.25 | 0.87 | 1.26 | 0.57 | 0.69 | -0.96 | - |
| | 0.09 | -1.78 | 0.23 | -0.11 | 0.85 | -0.04 | | | | |
| GENE2446X | 19926_at | 19926_at | 1 | 0.45 | 2 | 1.96 | 0.89 | 0.9 | -1 | - |
| | 0.8 | -0.67 | 0.08 | -1.19 | 0.32 | -0.67 | | | | |
| GENE2681X | 20608_s_at | 20608_s_at | 1 | 0.68 | 2.23 | 1.87 | 0.28 | 0.53 | -0.84 | - |
| | 0.51 | -0.48 | -0.84 | -0.84 | -0.48 | -0.48 | | | | |
| GENE1646X | 17097_at | 17097_at | 1 | 0.08 | 1.16 | 1.2 | -0.25 | -0.13 | -1.18 | - |
| | 0.2 | -1.14 | 0.04 | 0.07 | 0.26 | 0.04 | | | | |
| GENE816X | 14603_at | 14603_at | 1 | 0.78 | 1.41 | 1.12 | 0.34 | 1.32 | -0.78 | - |
| | 0.37 | -3.76 | 1.35 | -0.18 | 0.04 | -1.08 | | | | |
| GENE2652X | 20521_at | 20521_at | 1 | 0.43 | 0.32 | 0.31 | -0.15 | 0.69 | -0.1 | - |
| | 0.14 | -1.14 | 0.26 | -0.32 | 0.01 | -0.48 | | | | |

| | | | | | | | | | | |
|-----------|------------|------------|-------|-------|-------|-------|-------|-------|-------|----|
| GENE2525X | 20165_at | 20165_at | 1 | 0.48 | 0.5 | 0.43 | 0.3 | 0 | 0.02 | - |
| | 0.06 | -1.05 | 0.41 | 0.05 | 0.24 | -0.01 | | | | |
| GENE1299X | 16023_at | 16023_at | 1 | 0.36 | 0.91 | 0.73 | -0.25 | -0.12 | -0.28 | - |
| | 0.64 | -1.15 | 0.41 | 0.02 | 0.01 | -0.59 | | | | |
| GENE646X | 13967_at | 13967_at | 1 | 0.31 | 0.11 | 0.62 | 0.18 | -0.33 | -1.33 | |
| | 0.68 | -0.41 | -1.02 | -0.3 | 0.89 | -1.34 | | | | |
| GENE101X | 12239_at | 12239_at | 1 | 0.23 | 0.49 | 1.23 | 0.35 | 1.14 | -1.26 | |
| | 0.67 | -0.86 | -0.35 | -1.37 | 0.71 | -0.86 | | | | |
| GENE1449X | 16457_s_at | 16457_s_at | 1 | -0.39 | -0.12 | 1.4 | 1.67 | -0.72 | -1.13 | - |
| | 1.62 | -1.06 | -0.01 | -0.04 | -0.46 | -0.48 | | | | |
| GENE1330X | 16077_s_at | 16077_s_at | 1 | -0.03 | 0.79 | 1.51 | 1.69 | -0.68 | -0.86 | - |
| | 1.17 | -1.22 | -0.05 | -0.29 | -0.76 | -0.36 | | | | |
| GENE1786X | 17579_s_at | 17579_s_at | 1 | 0.13 | 1.13 | 1.82 | 2.01 | -0.63 | -0.95 | - |
| | 1.28 | -1.27 | -0.16 | -0.18 | -0.79 | -0.5 | | | | |
| GENE562X | 13625_s_at | 13625_s_at | 1 | 0.31 | 0.77 | 1.21 | 1.13 | -0.26 | -0.67 | - |
| | 0.59 | -0.65 | -0.07 | -0.16 | -0.49 | -0.46 | | | | |
| GENE510X | 13538_at | 13538_at | 1 | 0.89 | 1.3 | 1.83 | 2.17 | -0.56 | -1.21 | - |
| | 1.96 | -1.78 | 0.02 | -0.06 | -1.11 | -0.93 | | | | |
| GENE1362X | 16151_at | 16151_at | 1 | 0.03 | 0.37 | 0.97 | 1.45 | 0.1 | -0.79 | - |
| | 1.05 | -0.52 | -0.05 | -0.16 | -0.9 | -0.92 | | | | |
| GENE1884X | 17990_at | 17990_at | 1 | -0.2 | 0.92 | 1.2 | 1.48 | 0.16 | -0.67 | - |
| | 1.34 | -2.3 | -0.18 | -0.21 | -0.8 | -1.13 | | | | |
| GENE743X | 14431_at | 14431_at | 1 | -0.42 | 1.8 | 2.36 | 1.67 | 0.03 | -2.19 | - |
| | 1.16 | -3.19 | 0.25 | -0.33 | -0.94 | -0.57 | | | | |
| GENE115X | 12293_at | 12293_at | 1 | -0.04 | 0.55 | 1 | 0.88 | -0.35 | -1.28 | - |
| | 0.67 | -1.58 | 0.24 | 0.2 | -0.67 | -0.86 | | | | |
| GENE2718X | 20701_s_at | 20701_s_at | 1 | -0.08 | 0.64 | 0.83 | 0.64 | -0.25 | -0.86 | - |
| | 0.97 | -1.64 | 0.1 | 0.21 | -1.17 | -1.17 | | | | |
| GENE2197X | 18967_s_at | 18967_s_at | 1 | 0.74 | 1.36 | 1.51 | 1.54 | -0.21 | -1.32 | - |
| | 1.59 | -1.74 | -0.53 | -0.97 | -0.94 | -0.9 | | | | |
| GENE1885X | 17991_g_at | 17991_g_at | 1 | 0.43 | 1.08 | 1.31 | 1.15 | -0.3 | -1.09 | - |
| | 1.74 | -2.01 | -0.59 | -0.92 | -1.29 | -1.12 | | | | |
| GENE511X | 13539_i_at | 13539_i_at | 1 | 0.87 | 1.44 | 1.81 | 0.81 | -0.06 | -1.29 | - |
| | 1.63 | -2.07 | -0.81 | -1.34 | -1.16 | -1.66 | | | | |
| GENE829X | 14631_s_at | 14631_s_at | 1 | 0.6 | 1.36 | 1.75 | 0.72 | 0.43 | -1.37 | -2 |
| | -3.33 | -0.13 | -1.01 | -1.01 | -2.33 | | | | | |
| GENE619X | 13900_s_at | 13900_s_at | 1 | 0.82 | 1.44 | 1.85 | 0.81 | 0.14 | -1.37 | - |
| | 2.07 | -3.66 | -0.26 | -0.89 | -1.05 | -2.66 | | | | |
| GENE2155X | 18844_at | 18844_at | 1 | 0.68 | 0.61 | 0.93 | 0.63 | 0.06 | -1.06 | - |
| | 1.08 | -2.22 | -0.28 | -0.21 | -1.39 | -1.04 | | | | |
| GENE875X | 14751_at | 14751_at | 1 | 0.7 | 1.51 | 1.44 | 0.95 | 0.28 | -1.06 | - |
| | 1.42 | -1.82 | -0.13 | -0.23 | -1.13 | -1.08 | | | | |
| GENE821X | 14612_at | 14612_at | 1 | 1.17 | 1.79 | 2.22 | 1.56 | 0.37 | -1.62 | - |
| | 1.71 | -3.05 | -0.33 | -1 | -2.23 | -2.43 | | | | |
| GENE2277X | 19267_s_at | 19267_s_at | 1 | 0.92 | 2.44 | 2.66 | 2.23 | 1.13 | -1.25 | - |
| | 1.94 | -3.46 | 0.13 | -0.49 | -2.38 | -2.51 | | | | |
| GENE1748X | 17481_at | 17481_at | 1 | 0.42 | 0.62 | 0.49 | 0.24 | -0.69 | -1.42 | - |
| | 0.47 | -0.75 | 0.13 | 0.24 | -0.75 | -0.56 | | | | |
| GENE1938X | 18135_at | 18135_at | 1 | 0.61 | 0.37 | 0.52 | 0.23 | 0.22 | -0.84 | - |
| | 0.57 | -0.6 | 0.32 | 0.63 | -0.51 | -1.02 | | | | |
| GENE2554X | 20239_g_at | 20239_g_at | 1 | 0.56 | 1.22 | 1.3 | 0.33 | 0.04 | -1.08 | - |
| | 0.52 | -1.42 | 0.18 | -0.66 | -0.33 | -0.67 | | | | |
| GENE1641X | 17089_s_at | 17089_s_at | 1 | 0.42 | 0.88 | 1.05 | 0.1 | 0.38 | -0.66 | - |
| | 0.56 | -1.59 | -0.41 | -1.12 | 0.1 | -0.21 | | | | |
| GENE2504X | 20089_at | 20089_at | 1 | 1.12 | 1.22 | 0.87 | 0.47 | 0.5 | -0.78 | - |
| | 0.78 | -1.25 | -0.7 | -1.04 | -1.33 | -1.1 | | | | |

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|-----------|------------|------------|-------|-------|-------|-------|-------|-------|-------|---|
| GENE2253X | 19195_at | 19195_at | 1 | 0.88 | 1.95 | 1.74 | 0.52 | 0.21 | -2.32 | - |
| | 0.36 | -1.84 | -2.32 | -2.32 | -1.84 | -1.84 | | | | |
| GENE1162X | 15609_s_at | 15609_s_at | 1 | -0.26 | 0.53 | 0.65 | -0.22 | 0.89 | 0.54 | 0 |
| | -0.29 | 0.18 | -0.17 | 0.15 | -1.04 | | | | | |
| GENE1519X | 16615_s_at | 16615_s_at | 1 | 0.4 | 1.96 | 1.89 | -0.42 | 4.18 | 0.26 | - |
| | 0.8 | -1.48 | 2.13 | 0 | -0.1 | -1.48 | | | | |
| GENE2412X | 19840_s_at | 19840_s_at | 1 | 0.22 | 1.9 | 1.89 | 0.74 | 1.94 | -0.49 | - |
| | 0.27 | -2.3 | 1.43 | -0.65 | 0.02 | -0.75 | | | | |
| GENE1619X | 17031_s_at | 17031_s_at | 1 | 0.32 | 1.9 | 2.02 | 0.24 | 1.67 | 0 | - |
| | 1.11 | -1.37 | 1.37 | 0 | -1.37 | -1.37 | | | | |
| GENE2121X | 18705_at | 18705_at | 1 | -0.49 | 0.11 | -0.07 | -0.52 | 0.4 | 0.16 | - |
| | 0.64 | -0.93 | 0.2 | 0.03 | -0.64 | -1.12 | | | | |
| GENE2331X | 19458_at | 19458_at | 1 | -0.09 | 0.6 | 0.33 | -0.82 | 0.73 | 0.63 | - |
| | 1.07 | -1.24 | 0.03 | -0.77 | -0.83 | -1.58 | | | | |
| GENE100X | 12237_at | 12237_at | 1 | -0.32 | 0.48 | 0.37 | -0.51 | 0.04 | -0.43 | - |
| | 0.66 | -0.9 | 0.63 | 0.09 | -0.63 | -1.04 | | | | |
| GENE1389X | 16279_at | 16279_at | 1 | -0.37 | 0.54 | 0.92 | -0.83 | 0.54 | -0.27 | - |
| | 0.45 | -1.19 | 0.7 | -0.4 | -0.85 | -1.5 | | | | |
| GENE1945X | 18187_at | 18187_at | 1 | -0.07 | 0.28 | 0.15 | 0.05 | 0.27 | 0.19 | - |
| | 0.49 | -0.45 | 0.11 | 0.15 | -1.18 | -0.98 | | | | |
| GENE1531X | 16654_at | 16654_at | 1 | 0.06 | 0.28 | 0.4 | -0.24 | 0.84 | 0.45 | - |
| | 0.38 | -1.03 | 0.11 | 0.47 | -1.66 | -1 | | | | |
| GENE1176X | 15638_s_at | 15638_s_at | 1 | 0.75 | 1 | 1.5 | 1 | 1.41 | 0.32 | - |
| | 1.32 | -2.58 | 1.11 | 1 | -1.58 | -2.58 | | | | |
| GENE1820X | 17815_at | 17815_at | 1 | 0.36 | 0.4 | 0.34 | 0.42 | 0.95 | -0.32 | - |
| | 1.26 | -2.09 | 0.79 | 0.14 | -1.56 | -2.11 | | | | |
| GENE2354X | 19577_at | 19577_at | 1 | 1.13 | 1.2 | 0.99 | 1.11 | 1.41 | -0.26 | - |
| | 2.48 | -2.48 | 0.41 | 0.22 | -2.48 | -2.48 | | | | |
| GENE134X | 12344_at | 12344_at | 1 | 0.39 | 0.49 | 0.19 | 0.18 | 0.52 | 0.31 | - |
| | 0.26 | -0.18 | -0.2 | 0.17 | -1.34 | -0.68 | | | | |
| GENE7X | 11998_at | 11998_at | 1 | 0.92 | 0.86 | 1.11 | 1.16 | 0.83 | 1.1 | - |
| | 1.01 | -0.22 | -0.31 | 0 | -1.87 | -1.22 | | | | |
| GENE756X | 14472_at | 14472_at | 1 | 0.92 | 0.84 | 1.07 | 0.46 | 0.78 | 0.51 | |
| | 0.45 | 0.09 | -0.09 | 0.34 | -1.13 | -1.07 | | | | |
| GENE1669X | 17207_at | 17207_at | 1 | 0.85 | 1.58 | 1.64 | 0.56 | 1.55 | 0.54 | - |
| | 0.26 | -0.26 | -0.13 | -1.24 | -1.74 | -1.88 | | | | |
| GENE921X | 14964_at | 14964_at | 1 | 1.04 | 2.19 | 1.9 | 1.03 | 1.11 | 0.17 | - |
| | 0.48 | -1.74 | -0.01 | -0.04 | -2.32 | -2.55 | | | | |
| GENE434X | 13240_f_at | 13240_f_at | 1 | 0.34 | 0.22 | -0.01 | 0.01 | 0.93 | 0.67 | |
| | 0.96 | -0.02 | -0.24 | -0.87 | 0.02 | -1.61 | | | | |
| GENE1886X | 17993_at | 17993_at | 1 | 0.54 | 0.3 | -0.12 | 0.34 | 0.51 | 0.47 | |
| | 0.3 | 0.06 | 0.25 | -0.37 | -0.34 | -1.06 | | | | |
| GENE1159X | 15606_at | 15606_at | 1 | 0.11 | 0.17 | -0.02 | -0.01 | 0.29 | -0.08 | - |
| | 0.07 | -0.19 | -0.11 | -0.39 | -0.52 | -1.07 | | | | |
| GENE1055X | 15270_at | 15270_at | 1 | 0.57 | -0.01 | -0.18 | 0.38 | 0.75 | 0 | - |
| | 0.02 | 0.04 | -0.37 | -0.19 | -0.58 | -1.51 | | | | |
| GENE1437X | 16432_g_at | 16432_g_at | 1 | -0.09 | 0.16 | 0.42 | -0.61 | 0.5 | 0.27 | |
| | 0.23 | -0.03 | -0.29 | -0.59 | -1.3 | -1.18 | | | | |
| GENE2693X | 20635_s_at | 20635_s_at | 1 | 0.12 | 0.47 | 0.5 | 0.14 | 0.12 | 0.3 | |
| | 0.05 | 0.18 | -0.28 | -0.69 | -1.1 | -1.07 | | | | |
| GENE254X | 12754_g_at | 12754_g_at | 1 | 0.02 | 0.18 | 0.36 | -0.18 | 0.11 | 0.07 | - |
| | 0.07 | -0.2 | -0.51 | -0.98 | -1.1 | -1.08 | | | | |
| GENE754X | 14468_at | 14468_at | 1 | 0.25 | -0.64 | 0.32 | 1.16 | -1.05 | -1.29 | |
| | 0.38 | -0.05 | 0.43 | 0.24 | 0.54 | 0 | | | | |
| GENE1219X | 15791_at | 15791_at | 1 | 0.58 | -0.38 | 0.79 | 1.1 | -0.8 | -0.28 | - |
| | 0.24 | -0.79 | 0.23 | 0.23 | -0.11 | -0.45 | | | | |

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|-----------|------------|------------|-------|-------|-------|-------|-------|-------|-------|---|--|
| GENE1037X | 15203_s_at | 15203_s_at | 1 | -0.42 | -0.03 | 1.53 | 2.15 | -0.3 | -1.85 | | |
| | 0.71 | -0.26 | 0.22 | -0.34 | 1.01 | 0.78 | | | | | |
| GENE1521X | 16620_s_at | 16620_s_at | 1 | -0.63 | -0.03 | 2.24 | 2.01 | -1.86 | -2.67 | | |
| | 0.28 | 1.31 | -0.32 | -1.15 | 0.91 | 1.47 | | | | | |
| GENE2590X | 20335_s_at | 20335_s_at | 1 | 0.04 | 0.25 | 2.73 | 2.92 | -1.05 | -1.83 | - | |
| | 0.25 | 0.52 | -0.64 | -1 | 0.71 | 1.28 | | | | | |
| GENE158X | 12431_at | 12431_at | 1 | 1.32 | 0.76 | 2.13 | 3.58 | -1.48 | -1.48 | | |
| | 0.26 | 0 | 1.71 | 0.94 | 1.84 | 0.48 | | | | | |
| GENE1520X | 16617_s_at | 16617_s_at | 1 | 1.2 | 0.42 | 1.09 | 2.26 | -0.46 | -1.1 | | |
| | 0.3 | 0.12 | 0.49 | 0.18 | 0.71 | 0.04 | | | | | |
| GENE122X | 12308_at | 12308_at | 1 | 1.24 | 0.97 | 1.18 | 0.82 | -0.8 | -0.39 | - | |
| | 0.35 | -0.43 | 0.15 | 0.33 | 0.47 | 0.45 | | | | | |
| GENE129X | 12325_at | 12325_at | 1 | 0.82 | 0.29 | 0.38 | 1 | -0.29 | -1.19 | - | |
| | 1.15 | -0.51 | 0.64 | 0 | 1.37 | 0.43 | | | | | |
| GENE1744X | 17473_at | 17473_at | 1 | -0.39 | 0.34 | 0.38 | -0.19 | -0.83 | -1.25 | - | |
| | 0.39 | -0.94 | -0.53 | 0.03 | 0.33 | 0.35 | | | | | |
| GENE1400X | 16311_at | 16311_at | 1 | -0.4 | 0.05 | 0.42 | -0.44 | -1 | -1.75 | - | |
| | 0.63 | -1.04 | -0.36 | 0.39 | 0.33 | 0.71 | | | | | |
| GENE1022X | 15172_s_at | 15172_s_at | 1 | -0.65 | 0.05 | 0.28 | -0.21 | -0.52 | -1.14 | - | |
| | 0.53 | -1.21 | -0.08 | 0.02 | 0.2 | 0.55 | | | | | |
| GENE685X | 14077_at | 14077_at | 1 | -0.39 | -0.43 | 1.09 | 0.72 | -2.46 | -3.68 | - | |
| | 1.83 | -1.19 | -1.31 | -0.64 | 0.04 | 1.31 | | | | | |
| GENE1142X | 15554_at | 15554_at | 1 | -0.51 | -0.38 | 0.48 | 0.77 | -1.66 | -1.58 | - | |
| | 1.03 | -0.9 | -0.71 | -0.42 | -0.28 | -0.01 | | | | | |
| GENE697X | 14110_i_at | 14110_i_at | 1 | 0.28 | 0.41 | 0.47 | 0.68 | -0.83 | -1 | - | |
| | 0.57 | -1.42 | 0.29 | 0.5 | -0.13 | 0.62 | | | | | |
| GENE717X | 14310_at | 14310_at | 1 | -0.36 | 0.68 | 1.22 | 0.78 | -1.08 | -2.28 | - | |
| | 2.1 | -2.25 | 0.61 | -0.38 | 0.32 | 0.48 | | | | | |
| GENE169X | 12471_s_at | 12471_s_at | 1 | 0.19 | 0.05 | 0.53 | 0.79 | -1.34 | -1.47 | - | |
| | 2.25 | -1.48 | 0.13 | 0.11 | -0.74 | 0.08 | | | | | |
| GENE2659X | 20537_at | 20537_at | 1 | 0.21 | 0.49 | 0.92 | 0.82 | -1.52 | -1.44 | - | |
| | 2.03 | -1.56 | -0.22 | 0.2 | -0.86 | -0.3 | | | | | |
| GENE1262X | 15920_i_at | 15920_i_at | 1 | 1.06 | 0.46 | 0.23 | 0.07 | -0.84 | -0.25 | - | |
| | 0.53 | -0.59 | -0.33 | 0.05 | -0.24 | 0.29 | | | | | |
| GENE2312X | 19409_at | 19409_at | 1 | 0.84 | 0.44 | 0.09 | 0.71 | -0.98 | -1.09 | - | |
| | 0.03 | -0.78 | -0.07 | -0.68 | 0.39 | -0.78 | | | | | |
| GENE84X | 12211_at | 12211_at | 1 | 0.74 | 0.42 | -0.06 | 0.13 | -0.4 | -1.42 | - | |
| | 0.26 | 0 | -0.32 | -0.64 | -0.01 | -0.41 | | | | | |
| GENE475X | 13362_s_at | 13362_s_at | 1 | 0.6 | -0.02 | 0.17 | 0.17 | -0.22 | -1.28 | - | |
| | 0.21 | -0.9 | -0.19 | -0.67 | -0.38 | -0.51 | | | | | |
| GENE2530X | 20178_at | 20178_at | 1 | -0.18 | 0.01 | -0.16 | -0.36 | -1.28 | -1.42 | - | |
| | 0.18 | -0.58 | -1.29 | -0.8 | 0.13 | 0.02 | | | | | |
| GENE1385X | 16252_at | 16252_at | 1 | 0.33 | 0.21 | 0.26 | -0.18 | -0.82 | -1.1 | - | |
| | 0.26 | -0.71 | -0.79 | -0.19 | -0.39 | -0.42 | | | | | |
| GENE1370X | 16184_at | 16184_at | 1 | 0.28 | -0.45 | -0.6 | 0.01 | -1.46 | -0.68 | - | |
| | 0.36 | -0.77 | -0.63 | -0.37 | -0.3 | -0.14 | | | | | |
| GENE346X | 13056_at | 13056_at | 1 | 0.06 | 0.5 | 0.39 | 0.1 | -1.18 | -0.95 | | |
| | 0.45 | 0.56 | -0.19 | -0.16 | 0.85 | 0.49 | | | | | |
| GENE460X | 13290_at | 13290_at | 1 | 0.12 | -0.04 | 0.15 | 0.23 | -1.03 | -0.27 | | |
| | 0.22 | -0.18 | -0.22 | -0.34 | 0.44 | -0.51 | | | | | |
| GENE604X | 13807_at | 13807_at | 1 | 0.16 | -0.5 | -0.27 | 0.09 | -0.97 | -0.21 | - | |
| | 0.25 | 0.14 | -0.65 | -0.29 | 0.63 | 1.34 | | | | | |
| GENE1769X | 17538_at | 17538_at | 1 | 0.57 | -0.15 | 0 | 0.49 | -1.02 | 0 | | |
| | 0.11 | 0.59 | -0.1 | -0.65 | 0.15 | 0.59 | | | | | |
| GENE2153X | 18833_at | 18833_at | 1 | -0.33 | -0.47 | -0.58 | 0.14 | -3.34 | -0.37 | - | |
| | 0.31 | 0.56 | -1.12 | -0.88 | 0.36 | 0.74 | | | | | |

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|-----------|------------|------------|-------|-------|-------|-------|-------|-------|-------|---|
| GENE58X | 12145_at | 12145_at | 1 | 0 | -0.06 | -0.45 | -0.06 | -1.34 | -0.23 | - |
| 0.28 | 0.02 | -0.68 | -0.52 | 0.11 | 0.31 | | | | | |
| GENE110X | 12268_at | 12268_at | 1 | -0.27 | -0.04 | -0.12 | -0.08 | -1.94 | -0.7 | - |
| 0.64 | 0.31 | -1 | -0.53 | -0.6 | 0.21 | | | | | |
| GENE79X | 12191_at | 12191_at | 1 | 0.33 | -0.34 | -0.52 | -0.34 | -1.08 | -0.53 | |
| 0.19 | 1.42 | -2.5 | -0.56 | -0.16 | 0 | | | | | |
| GENE467X | 13314_at | 13314_at | 1 | 0.75 | 0.07 | 0.03 | 0.35 | -1.19 | -0.14 | - |
| 0.13 | 0.62 | -2.19 | -1.23 | -0.52 | -0.27 | | | | | |
| GENE1532X | 16660_at | 16660_at | 1 | -0.45 | -1.13 | 0.71 | 1.75 | 3.42 | -0.62 | - |
| 0.89 | -0.24 | -0.38 | -0.76 | -0.24 | -0.53 | | | | | |
| GENE1250X | 15896_at | 15896_at | 1 | 0.32 | -0.1 | 0.23 | -0.55 | 1.41 | -0.16 | - |
| 0.33 | -0.21 | -0.23 | -0.75 | -0.46 | -0.95 | | | | | |
| GENE978X | 15098_s_at | 15098_s_at | 1 | -0.44 | -0.35 | -1.17 | -0.37 | 0.91 | -1.78 | - |
| 0.1 | -0.21 | -0.1 | -1.87 | 0.42 | -0.52 | | | | | |
| GENE782X | 14521_at | 14521_at | 1 | -1.22 | -0.41 | -0.45 | 0.75 | 0.83 | 0.36 | - |
| 0.35 | -0.61 | -1.48 | 0.58 | 0.28 | -0.82 | | | | | |
| GENE512X | 13541_at | 13541_at | 1 | -0.19 | -1.2 | -0.98 | -0.6 | -0.02 | 0.26 | - |
| 0.96 | -0.77 | -0.15 | 0.04 | -0.64 | -0.08 | | | | | |
| GENE2233X | 19147_at | 19147_at | 1 | 0.22 | -0.66 | -0.77 | -0.66 | -0.64 | 0.33 | - |
| 1.38 | -0.56 | 0.09 | 0.22 | -0.84 | 0.17 | | | | | |
| GENE2722X | 20710_at | 20710_at | 1 | -0.14 | -0.26 | -0.74 | -0.18 | -0.04 | -0.34 | - |
| 0.54 | -0.29 | 0 | 0.38 | -1.05 | -0.26 | | | | | |
| GENE2117X | 18695_s_at | 18695_s_at | 1 | -0.28 | -0.28 | -0.57 | -0.57 | 0.24 | 1.01 | - |
| 0.44 | -0.37 | 0.21 | -0.09 | -0.93 | -0.54 | | | | | |
| GENE918X | 14956_at | 14956_at | 1 | -0.35 | -0.4 | -0.98 | -0.96 | 0.23 | 0.79 | - |
| 0.5 | -0.12 | -0.04 | -0.22 | -1.34 | -1.13 | | | | | |
| GENE2025X | 18436_at | 18436_at | 1 | -0.65 | -0.86 | -0.79 | -1.15 | 0.72 | 0.45 | - |
| 0.55 | -0.69 | -0.07 | 0.07 | -1.17 | -0.84 | | | | | |
| GENE503X | 13513_at | 13513_at | 1 | -0.78 | -0.7 | -0.87 | -0.96 | 0.29 | 0.39 | - |
| 0.69 | -0.28 | -0.25 | 0.39 | -1.38 | -0.45 | | | | | |
| GENE1739X | 17461_at | 17461_at | 1 | -0.91 | -1.05 | -1.09 | -0.78 | 0.15 | -0.24 | - |
| 0.87 | -1.06 | 0.26 | 0.23 | -0.4 | -0.64 | | | | | |
| GENE508X | 13533_at | 13533_at | 1 | -0.4 | -0.64 | -1.24 | -0.82 | 0.45 | -0.33 | - |
| 0.65 | -0.72 | 0.15 | 0.55 | -0.65 | -0.68 | | | | | |
| GENE1946X | 18192_s_at | 18192_s_at | 1 | -0.35 | -0.81 | -1.65 | -0.38 | 0.07 | 0.07 | - |
| 0.67 | -0.74 | 0.65 | 0.24 | -0.97 | -1.15 | | | | | |
| GENE2192X | 18958_s_at | 18958_s_at | 1 | -0.03 | -0.57 | -0.6 | -0.34 | 0.14 | -0.07 | - |
| 1.12 | -0.7 | 0 | 0.02 | -0.62 | -0.42 | | | | | |
| GENE2061X | 18592_at | 18592_at | 1 | -0.25 | -0.61 | -1.29 | -1.06 | 0.08 | -0.18 | - |
| 1.09 | -1.37 | -0.13 | 0.24 | -0.76 | -0.94 | | | | | |
| GENE1716X | 17408_at | 17408_at | 1 | -0.06 | -1.22 | -2.66 | -2.01 | 0.21 | -1.24 | - |
| 2.49 | -2.95 | -1.07 | 0.21 | -2.78 | -1.14 | | | | | |
| GENE873X | 14746_at | 14746_at | 1 | -0.19 | -0.15 | -0.86 | -0.46 | 0.35 | 0.1 | - |
| 0.63 | -0.81 | -0.07 | -0.32 | -0.89 | -1.06 | | | | | |
| GENE1893X | 18008_r_at | 18008_r_at | 1 | 0.1 | -0.93 | -1.27 | -0.3 | 1.22 | -0.07 | - |
| 1.25 | -1.63 | 0.2 | -0.48 | -1.75 | -1.81 | | | | | |
| GENE2411X | 19838_i_at | 19838_i_at | 1 | -0.18 | -0.25 | -0.8 | -0.66 | 0.36 | 0.36 | - |
| 0.83 | -1.1 | 0.05 | 0.36 | -0.94 | -0.76 | | | | | |
| GENE720X | 14335_at | 14335_at | 1 | -0.36 | -0.7 | -1.36 | -0.57 | -0.05 | 0.33 | - |
| 0.63 | -0.69 | -0.43 | 0.4 | -1.3 | -1.14 | | | | | |
| GENE1696X | 17361_s_at | 17361_s_at | 1 | 0.21 | -0.84 | -2.53 | -0.98 | 0.12 | -0.06 | - |
| 1.8 | -1.39 | -0.45 | -0.21 | -2.07 | -1.89 | | | | | |
| GENE525X | 13556_i_at | 13556_i_at | 1 | 0.21 | -0.51 | -0.35 | -0.45 | 0.61 | 0.25 | - |
| 0.37 | -1.13 | -0.19 | -0.25 | -0.04 | -1.47 | | | | | |
| GENE1193X | 15670_s_at | 15670_s_at | 1 | -0.59 | -0.66 | -0.9 | -1.19 | 0.53 | 0.84 | - |
| 0.21 | -0.83 | 0.14 | 0.09 | -0.27 | -1.24 | | | | | |

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|-----------|------------|------------|-------|---------|-------|-------|-------|-------|-------|----|
| GENE2321X | 19437_s_at | 19437_s_at | 1 | -0.35 | -0.35 | -0.91 | -0.6 | 0.45 | 0.3 | - |
| | 0.37 | -0.87 | 0.24 | 0.3 | -0.52 | -1.3 | | | | |
| GENE1049X | 15237_at | 15237_at | 1 | 0.58 | -0.12 | -0.49 | -0.41 | 0.72 | 0.39 | - |
| | 0.09 | -0.69 | -0.71 | 0.1 | -0.86 | -1.32 | | | | |
| GENE692X | 14095_s_at | 14095_s_at | 1 | -0.05 | -0.06 | -0.51 | -0.23 | 0.65 | 0.44 | - |
| | 0.26 | -0.39 | 0.12 | 0.14 | -0.9 | -1.22 | | | | |
| GENE2494X | 20056_at | 20056_at | 1 | 0.15 | -0.17 | -0.52 | -0.57 | 0.63 | 0.69 | - |
| | 0.23 | 0.11 | -0.28 | 0.12 | -0.95 | -1.23 | | | | |
| GENE163X | 12447_at | 12447_at | 1 | -0.02 | -0.29 | -0.81 | -1.03 | 0.21 | 0.34 | - |
| | 0.00832 | 0.09 | -0.74 | 0.23 | -0.75 | -1.05 | | | | |
| GENE1722X | 17419_at | 17419_at | 1 | 0.29 | -0.54 | -0.93 | -1.06 | 0.13 | 0.32 | - |
| | 0.07 | 0.06 | -0.58 | -0.44 | -1.22 | -1.45 | | | | |
| GENE1647X | 17098_s_at | 17098_s_at | 1 | 0.01 | -0.06 | -0.37 | -0.21 | 0.12 | 0.64 | - |
| | 0.39 | 0.06 | -0.5 | -0.07 | -1.35 | -1.32 | | | | |
| GENE202X | 12559_at | 12559_at | 1 | -0.2 | -0.28 | -0.88 | -0.84 | 0.19 | 0.45 | - |
| | 0.8 | -0.39 | -0.85 | -0.25 | -1.7 | -1.98 | | | | |
| GENE724X | 14384_at | 14384_at | 1 | -0.44 | -0.87 | -1 | -0.71 | 0.4 | 0.6 | - |
| | 0.75 | -0.65 | -0.85 | -0.07 | -2.44 | -2.15 | | | | |
| GENE1435X | 16427_at | 16427_at | 1 | -0.28 | -0.24 | -0.53 | -0.56 | -0.06 | 0.1 | - |
| | 0.1 | -0.1 | -0.19 | -0.25 | -1.02 | -0.76 | | | | |
| GENE913X | 14946_at | 14946_at | 1 | -0.15 | -0.27 | -0.3 | -0.55 | 0.21 | -0.02 | - |
| | 0.27 | -0.21 | -0.41 | -0.28 | -1.4 | -1 | | | | |
| GENE1701X | 17374_at | 17374_at | 1 | -0.6 | -0.43 | -0.53 | -0.67 | 0.21 | 0.18 | - |
| | 0.26 | -0.2 | -0.33 | -0.01 | -0.76 | -1.1 | | | | |
| GENE1402X | 16316_at | 16316_at | 1 | -0.54 | -0.6 | -1.01 | -0.81 | 0.42 | -0.01 | - |
| | 0.64 | -0.43 | -0.37 | -0.12 | -1.32 | -1.48 | | | | |
| GENE1324X | 16066_at | 16066_at | 1 | -0.79 | -1.34 | -1.29 | -0.23 | 0.71 | 0.32 | - |
| | 0.52 | -0.55 | -1 | 0.19 | -2 | -1.9 | | | | |
| GENE1811X | 17720_at | 17720_at | 1 | 0.02 | -0.15 | -0.07 | 0.12 | -0.26 | -1.16 | - |
| | 0.88 | -1.27 | 0.53 | 0.03 | 0.17 | 0 | | | | |
| GENE2182X | 18944_at | 18944_at | 1 | -0.15 | -0.07 | -0.07 | -0.15 | -0.14 | -0.83 | - |
| | 0.54 | -1.19 | 0.42 | 0.47 | -0.19 | -0.27 | | | | |
| GENE859X | 14718_f_at | 14718_f_at | 1 | 0.28 | 0.07 | 0.2 | 0.25 | -0.06 | -0.24 | - |
| | 0.69 | -1.02 | 0.48 | 0.26 | -0.13 | -0.27 | | | | |
| GENE2717X | 20699_at | 20699_at | 1 | 1.33 | 0.23 | 0.33 | 1.06 | 0.05 | -0.73 | - |
| | 0.86 | -2.4 | 0.48 | 0.64 | -0.37 | -0.05 | | | | |
| GENE2191X | 18956_at | 18956_at | 1 | 0.3 | 0.51 | 0.32 | 0.25 | -0.46 | -0.53 | - |
| | 0.47 | -1.12 | -0.01 | 0.15 | -0.12 | -0.06 | | | | |
| GENE221X | 12616_i_at | 12616_i_at | 1 | 0.41 | 0.49 | 0.33 | 0.51 | -0.44 | -1.02 | - |
| | 0.73 | -1.66 | -0.07 | 0.36 | -0.34 | -0.77 | | | | |
| GENE222X | 12617_s_at | 12617_s_at | 1 | 0.13 | -0.04 | -0.02 | 0.19 | -0.7 | -0.93 | - |
| | 1.02 | -1.46 | -0.2 | 0.08 | -0.35 | -0.43 | | | | |
| GENE2398X | 19759_at | 19759_at | 1 | 0.31 | 0.33 | 0.13 | 0.47 | -0.86 | -1.35 | - |
| | 1.86 | -2.41 | -0.54 | -0.21 | -0.73 | -0.96 | | | | |
| GENE1572X | 16898_s_at | 16898_s_at | 1 | -0.15 | 0.09 | 0.47 | 0.36 | -1.1 | -2.07 | - |
| | 2.14 | -2.39 | -0.31 | -0.49 | -0.73 | -0.77 | | | | |
| GENE1571X | 16897_i_at | 16897_i_at | 1 | 0.01 | 0.44 | 0.62 | 0.51 | -0.95 | -1.55 | - |
| | 2.02 | -2.02 | -0.06 | -0.16 | -0.76 | -0.74 | | | | |
| GENE1298X | 16021_at | 16021_at | 1 | -0.16 | -0.09 | 0.14 | 0.21 | -0.69 | -1.31 | - |
| | 1.91 | -1.72 | -0.53 | -0.71 | -0.41 | -0.62 | | | | |
| GENE290X | 12816_at | 12816_at | 1 | -0.05 | 0.41 | 0.89 | 0.8 | -0.88 | -2.22 | -2 |
| | -2.72 | -0.33 | -1.06 | -1.05 | -1.15 | | | | | |
| GENE291X | 12817_g_at | 12817_g_at | 1 | -0.32 | 0.01 | 0.2 | 0.61 | -1 | -2.33 | - |
| | 2.27 | -2.42 | -0.49 | -1.33 | -1.3 | -1.13 | | | | |
| GENE1228X | 15836_at | 15836_at | 1 | 0.48 | 0.51 | 0.68 | 0.47 | -0.36 | -0.93 | - |
| | 1.25 | -1.18 | 0 | 0.00877 | -0.33 | -0.53 | | | | |

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|-----------|------------|------------|-------|-------|-------|-------|-------|-------|-------|---|
| GENE1845X | 17897_at | 17897_at | 1 | 0.54 | 0.43 | 0.37 | 0.48 | -0.48 | -0.4 | - |
| | 1.36 | -1.28 | -0.21 | -0.06 | -0.7 | -0.45 | | | | |
| GENE106X | 12249_s_at | 12249_s_at | 1 | 0.12 | 1.04 | 1.14 | 1.17 | -0.53 | -0.8 | - |
| | 1.38 | -1.65 | -0.14 | -0.43 | -0.81 | -0.54 | | | | |
| GENE283X | 12801_at | 12801_at | 1 | -0.16 | 1.02 | 1.68 | 2.06 | -0.9 | -1.59 | - |
| | 2.23 | -2.57 | -0.39 | -0.34 | -1.26 | -1.46 | | | | |
| GENE2677X | 20590_at | 20590_at | 1 | -0.08 | 0.88 | 1.15 | 1.48 | -1.01 | -1.32 | - |
| | 1.86 | -1.87 | -0.3 | -0.44 | -1.32 | -1.07 | | | | |
| GENE273X | 12790_s_at | 12790_s_at | 1 | 0.85 | 0.43 | 1.84 | 2.62 | -0.37 | -1.32 | - |
| | 2.75 | -3.02 | -0.71 | -0.74 | -1.4 | -1.45 | | | | |
| GENE2085X | 18643_at | 18643_at | 1 | 0.2 | -0.01 | -0.27 | 0.28 | -0.38 | -0.34 | - |
| | 0.54 | -1.05 | 0.19 | -0.14 | -0.6 | -0.43 | | | | |
| GENE1373X | 16204_at | 16204_at | 1 | 0.42 | 0.2 | 0.16 | 0.66 | -0.29 | -0.38 | - |
| | 1.16 | -1.31 | 0.2 | 0.32 | -0.96 | -0.52 | | | | |
| GENE61X | 12153_at | 12153_at | 1 | 0.5 | 0.19 | 0.05 | 0.3 | -0.25 | -0.31 | - |
| | 1.06 | -0.88 | 0.17 | 0.14 | -1.14 | -0.6 | | | | |
| GENE2666X | 20567_at | 20567_at | 1 | 0.22 | 0.2 | -0.01 | 0.41 | -0.27 | -0.36 | - |
| | 0.81 | -1.04 | 0.03 | 0.07 | -0.55 | -0.78 | | | | |
| GENE650X | 13980_s_at | 13980_s_at | 1 | 0.58 | 0.1 | 0.21 | -0.2 | -0.34 | -0.28 | - |
| | 1.37 | -1.7 | 0.05 | 0.19 | -0.84 | -1.24 | | | | |
| GENE395X | 13156_f_at | 13156_f_at | 1 | 0.18 | 0.66 | -0.46 | -0.27 | -0.19 | -0.63 | - |
| | 2.27 | -2.08 | 0.25 | 0.36 | -2.23 | -2.74 | | | | |
| GENE1320X | 16061_s_at | 16061_s_at | 1 | -0.18 | 0.27 | 1.02 | 0.52 | -0.35 | -0.3 | - |
| | 0.73 | -0.76 | 0.66 | 0.57 | -0.71 | -0.73 | | | | |
| GENE900X | 14897_at | 14897_at | 1 | 0.21 | 0.31 | 0.55 | 0.15 | -0.22 | -0.49 | - |
| | 0.91 | -1.02 | 0.26 | 0.75 | -0.75 | -0.44 | | | | |
| GENE2291X | 19369_at | 19369_at | 1 | -0.63 | 0.11 | 0.2 | -0.15 | -0.03 | -0.01 | - |
| | 0.79 | -1.22 | 0.36 | 0.59 | -0.38 | -0.66 | | | | |
| GENE2445X | 19925_at | 19925_at | 1 | 0.45 | 0.28 | -0.06 | 0.33 | 0.11 | -0.27 | - |
| | 0.58 | -1.2 | -0.07 | -0.3 | -0.72 | -0.74 | | | | |
| GENE1959X | 18235_at | 18235_at | 1 | 0.82 | -0.02 | -0.15 | 0.84 | 1.12 | -0.72 | - |
| | 2.46 | -4.05 | 0.54 | -0.22 | -4.05 | -3.05 | | | | |
| GENE933X | 14999_at | 14999_at | 1 | 0.4 | 0.02 | 0.07 | -0.29 | 0.49 | -0.4 | - |
| | 0.78 | -1.14 | 0.07 | -0.84 | -0.94 | -1.52 | | | | |
| GENE2433X | 19897_s_at | 19897_s_at | 1 | 0.14 | 0.13 | -0.39 | -0.15 | 0.46 | -0.16 | - |
| | 0.65 | -1.8 | -0.22 | -0.35 | -1.22 | -1.51 | | | | |
| GENE1671X | 17239_at | 17239_at | 1 | 0.56 | -0.46 | -0.24 | -0.05 | 0.46 | 0.15 | - |
| | 0.04 | -1.11 | 0.13 | -0.47 | -0.56 | -0.43 | | | | |
| GENE2721X | 20707_at | 20707_at | 1 | 0.48 | 0.23 | -0.53 | -0.53 | 0.03 | -1 | - |
| | 0.43 | -1.68 | 0.25 | 0.38 | -0.39 | -0.64 | | | | |
| GENE2350X | 19553_at | 19553_at | 1 | 0.07 | -0.29 | -0.62 | -0.43 | -0.06 | -0.58 | - |
| | 0.7 | -1.44 | -0.15 | 0.05 | -0.47 | -0.74 | | | | |
| GENE2475X | 19998_at | 19998_at | 1 | 0.32 | -0.4 | -1.28 | -0.47 | -0.11 | -1.33 | - |
| | 0.55 | -1.75 | -0.33 | -0.35 | -0.65 | -1.06 | | | | |
| GENE1556X | 16777_at | 16777_at | 1 | -0.16 | -0.16 | -0.66 | -0.35 | -0.16 | -0.32 | - |
| | 0.67 | -1.14 | -0.13 | -0.2 | -0.28 | 0.02 | | | | |
| GENE553X | 13609_at | 13609_at | 1 | -0.15 | -0.45 | -0.47 | -0.35 | -0.08 | -0.65 | - |
| | 0.89 | -2.56 | -0.5 | -1.1 | -1.34 | -0.74 | | | | |
| GENE389X | 13147_at | 13147_at | 1 | -0.49 | 0.29 | -0.05 | -0.09 | -0.31 | -0.85 | - |
| | 0.45 | -1.2 | 0 | 0.12 | -0.12 | -0.08 | | | | |
| GENE1443X | 16448_g_at | 16448_g_at | 1 | -1.09 | 0.04 | -0.08 | -0.77 | -0.45 | -1.14 | - |
| | 0.63 | -1.82 | -0.64 | 0.16 | -0.28 | -0.52 | | | | |
| GENE686X | 14078_at | 14078_at | 1 | -0.74 | -0.03 | 0.06 | -0.66 | -0.73 | -1 | - |
| | 0.73 | -1.14 | -0.49 | 0.02 | 0.09 | -0.02 | | | | |
| GENE1183X | 15654_at | 15654_at | 1 | -0.74 | -0.03 | -0.1 | -0.47 | -0.8 | -1.15 | - |
| | 0.85 | -1.11 | -0.79 | -0.07 | -0.21 | 0.21 | | | | |

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|-----------|------------|------------|-------|-------|-------|-------|-------|-------|-------|---|
| GENE698X | 14111_s_at | 14111_s_at | 1 | -0.84 | -0.36 | -1.05 | -1.03 | -0.68 | -1.75 | - |
| | 0.52 | -1.86 | -0.35 | 0.01 | -0.45 | 0.17 | | | | |
| GENE492X | 13447_at | 13447_at | 1 | -0.68 | -0.97 | -1.64 | -1.02 | -1.4 | -2.9 | - |
| | 2.45 | -3.45 | -0.4 | -0.06 | -0.69 | -0.45 | | | | |
| GENE1905X | 18029_g_at | 18029_g_at | 1 | 0 | -0.36 | -0.61 | -0.16 | -0.83 | -3.73 | - |
| | 0.7 | -1.02 | -1.23 | -1.03 | -0.58 | -0.78 | | | | |
| GENE431X | 13233_at | 13233_at | 1 | -0.37 | -0.28 | -0.84 | -0.36 | -0.31 | -1.78 | - |
| | 0.63 | -0.17 | -0.32 | -0.16 | -1.25 | -0.39 | | | | |
| GENE1406X | 16325_at | 16325_at | 1 | -0.14 | -0.1 | -0.18 | -0.65 | -0.53 | -0.69 | - |
| | 0.68 | -1.05 | -0.41 | -0.41 | -0.44 | -0.57 | | | | |
| GENE1442X | 16447_at | 16447_at | 1 | -0.58 | 0.16 | -0.1 | -0.55 | -0.57 | -0.59 | - |
| | 0.49 | -1.07 | -0.57 | -0.31 | -0.7 | -0.4 | | | | |
| GENE2363X | 19632_at | 19632_at | 1 | -0.52 | -0.19 | -0.15 | -0.8 | -0.14 | -1.09 | - |
| | 0.52 | -0.98 | -0.9 | -1.09 | -0.78 | -1.07 | | | | |
| GENE504X | 13514_s_at | 13514_s_at | 1 | -0.49 | -0.18 | -0.23 | -0.83 | -0.61 | -2.08 | - |
| | 1.09 | -2.19 | -1.41 | -1.26 | -0.91 | -1.83 | | | | |
| GENE1413X | 16347_at | 16347_at | 1 | -1.58 | 0.22 | 0.15 | -1.36 | -0.73 | -1.79 | - |
| | 0.59 | -1.5 | -1.9 | -0.84 | -1.5 | -1.69 | | | | |
| GENE1447X | 16453_s_at | 16453_s_at | 1 | -0.5 | -0.1 | -0.11 | -0.17 | -0.85 | -1.68 | - |
| | 1.05 | -1.39 | -0.61 | -0.84 | -0.7 | -0.74 | | | | |
| GENE2215X | 19039_at | 19039_at | 1 | -0.19 | 0.29 | 0.28 | -0.04 | -0.73 | -1.32 | - |
| | 0.92 | -1.19 | -0.61 | -1.05 | -0.89 | -1.15 | | | | |
| GENE2304X | 19392_at | 19392_at | 1 | 0.16 | 0.29 | -0.22 | -0.43 | -0.29 | -0.96 | - |
| | 0.65 | -1.2 | -0.22 | -0.25 | -0.74 | -0.48 | | | | |
| GENE301X | 12887_s_at | 12887_s_at | 1 | -0.64 | -0.43 | -1 | -0.43 | -0.77 | -2.35 | - |
| | 1.42 | -1.35 | -0.77 | -0.65 | -1.79 | -1.49 | | | | |
| GENE680X | 14067_at | 14067_at | 1 | 0.14 | -0.54 | -0.56 | 0.06 | -1.03 | -1.43 | - |
| | 1.03 | -1 | -0.69 | -0.91 | -1.27 | -1.13 | | | | |
| GENE770X | 14492_s_at | 14492_s_at | 1 | -0.16 | -0.33 | -0.36 | -0.11 | -0.57 | -1.49 | - |
| | 1.25 | -1.61 | -0.49 | -0.57 | -0.78 | -0.83 | | | | |
| GENE394X | 13155_i_at | 13155_i_at | 1 | -0.15 | -0.18 | -0.33 | -0.27 | -0.61 | -0.84 | - |
| | 1.05 | -1.2 | -0.29 | -0.56 | -0.84 | -0.57 | | | | |
| GENE684X | 14072_at | 14072_at | 1 | -0.19 | -0.07 | -0.45 | -0.38 | -0.9 | -1.27 | - |
| | 1.33 | -1.49 | -1.29 | -1.16 | -1.57 | -1.51 | | | | |
| GENE522X | 13553_at | 13553_at | 1 | -0.47 | -0.38 | -0.6 | -0.54 | -0.9 | -1.39 | - |
| | 1.5 | -2.07 | -1.42 | -1.42 | -1.77 | -1.39 | | | | |
| GENE1836X | 17873_s_at | 17873_s_at | 1 | -0.3 | 0.03 | -0.39 | -0.1 | -0.51 | -0.92 | - |
| | 0.76 | -1.22 | -0.92 | -1.07 | -1.45 | -1.07 | | | | |
| GENE1270X | 15947_at | 15947_at | 1 | -0.17 | -0.48 | -0.63 | -0.34 | -0.91 | -1.65 | - |
| | 0.91 | -1.88 | -1.7 | -1.55 | -1.88 | -1.45 | | | | |
| GENE953X | 15046_s_at | 15046_s_at | 1 | -0.12 | 0.09 | -0.21 | -0.01 | -0.39 | -1.35 | - |
| | 1.02 | -2.36 | -1.33 | -0.83 | -1.36 | -1.41 | | | | |
| GENE561X | 13621_g_at | 13621_g_at | 1 | -0.3 | -0.27 | -0.47 | -0.61 | -0.26 | -1.21 | - |
| | 1.21 | -2.07 | -1.41 | -1.08 | -1.59 | -2.07 | | | | |
| GENE775X | 14508_at | 14508_at | 1 | -0.07 | -0.62 | -1.03 | -0.32 | -0.64 | -2.1 | - |
| | 1.86 | -4.04 | -2.87 | -2.22 | -2.63 | -2.89 | | | | |
| GENE2521X | 20155_s_at | 20155_s_at | 1 | 0.16 | -0.09 | -0.4 | -0.4 | -0.36 | -1.02 | - |
| | 0.62 | -1.09 | -1.03 | -0.75 | -0.82 | -0.7 | | | | |
| GENE1484X | 16528_at | 16528_at | 1 | -0.1 | -0.06 | 0.42 | 0.98 | -0.88 | -1.3 | - |
| | 1.09 | -0.58 | -0.67 | -0.8 | -0.51 | -0.64 | | | | |
| GENE817X | 14605_at | 14605_at | 1 | -0.56 | -0.69 | -0.08 | 1.59 | -1.84 | -3.1 | - |
| | 3.1 | -0.84 | -3.1 | -0.9 | -0.9 | -2.61 | | | | |
| GENE1717X | 17409_at | 17409_at | 1 | -0.22 | 0.13 | 0.07 | -0.14 | -0.53 | -1.29 | - |
| | 1.34 | -0.89 | -0.72 | -0.41 | -0.32 | -0.14 | | | | |
| GENE1867X | 17938_at | 17938_at | 1 | 0.12 | 0.02 | -0.2 | 0 | -0.75 | -1.25 | - |
| | 1.48 | -1.3 | -1.09 | -0.99 | -0.67 | -0.3 | | | | |

| | | | | | | | | | | |
|-----------|------------|------------|-------|-------|-------|-------|-------|-------|-------|---|
| GENE2256X | 19199_at | 19199_at | 1 | -0.46 | -0.41 | -0.05 | -0.33 | -1.41 | -1.19 | - |
| | 1.57 | -0.99 | -0.76 | -0.51 | -0.79 | -0.5 | | | | |
| GENE2479X | 20015_at | 20015_at | 1 | -0.44 | 0.55 | 1.13 | -0.2 | -2.25 | -2.49 | - |
| | 2.68 | -1.26 | -1.56 | -1.31 | -1.56 | -0.48 | | | | |
| GENE2339X | 19471_at | 19471_at | 1 | -0.07 | 0.39 | 0.77 | 0.59 | -1.1 | -1.03 | - |
| | 1.95 | -0.84 | -0.73 | -0.63 | -1 | -0.91 | | | | |
| GENE914X | 14947_at | 14947_at | 1 | 0.26 | 0.46 | 1.03 | 0.95 | -0.62 | -0.83 | - |
| | 1.69 | -1.17 | -1.07 | -0.77 | -1.54 | -0.59 | | | | |
| GENE2293X | 19371_at | 19371_at | 1 | 0.04 | 0.64 | 0.22 | -0.04 | -0.8 | -0.47 | - |
| | 1.37 | -0.24 | -0.83 | -0.83 | -1.12 | -0.48 | | | | |
| GENE2359X | 19617_at | 19617_at | 1 | 0.16 | -0.06 | -0.67 | 0 | -0.6 | -0.45 | - |
| | 0.92 | -1.23 | -0.45 | -0.07 | -1.03 | -0.76 | | | | |
| GENE170X | 12477_at | 12477_at | 1 | 0.07 | 0 | -0.39 | -0.17 | -0.41 | -0.55 | - |
| | 0.7 | -0.59 | -0.61 | -0.16 | -1.12 | -0.28 | | | | |
| GENE1692X | 17331_at | 17331_at | 1 | 0.5 | 0.15 | -1.11 | 0.05 | -1.02 | -0.93 | - |
| | 1.21 | -0.92 | -1.06 | -0.02 | -1.86 | -1.32 | | | | |
| GENE1359X | 16140_s_at | 16140_s_at | 1 | -0.06 | 0.08 | -0.2 | 0.13 | -0.39 | -0.1 | - |
| | 1.01 | -0.97 | -0.23 | -0.07 | -1.16 | -0.54 | | | | |
| GENE155X | 12422_at | 12422_at | 1 | 0.31 | 0.04 | 0 | 0.14 | -0.44 | -0.44 | - |
| | 1.29 | -1.11 | -0.32 | -0.26 | -1.17 | -0.84 | | | | |
| GENE1478X | 16513_at | 16513_at | 1 | -0.06 | -0.6 | -0.32 | 0.26 | -0.55 | -0.82 | - |
| | 1.84 | -1.45 | -0.63 | -0.44 | -1.66 | -1.24 | | | | |
| GENE1076X | 15385_at | 15385_at | 1 | -0.18 | -0.09 | -0.05 | 0.12 | -0.37 | -0.58 | - |
| | 1.2 | -1.04 | -0.4 | 0.02 | -1.48 | -1.34 | | | | |
| GENE1720X | 17415_at | 17415_at | 1 | 0.25 | -0.1 | 0.02 | -0.21 | -0.34 | -0.75 | - |
| | 0.91 | -1.14 | -0.53 | -0.47 | -1.27 | -1.22 | | | | |
| GENE1045X | 15215_s_at | 15215_s_at | 1 | 0.19 | -0.08 | -0.13 | 0.08 | -0.43 | -0.68 | - |
| | 1.17 | -1 | -0.47 | -0.79 | -0.87 | -1.6 | | | | |
| GENE2171X | 18911_at | 18911_at | 1 | -0.3 | -0.41 | -0.08 | -0.54 | -0.14 | -1.11 | - |
| | 2.47 | -1.96 | -1.26 | -1.9 | -2.86 | -3.26 | | | | |
| GENE542X | 13587_at | 13587_at | 1 | 0.15 | -0.56 | -0.56 | -0.01 | -0.16 | -1 | - |
| | 3.45 | -2.68 | -1.66 | -2.44 | -3.94 | -3.94 | | | | |
| GENE183X | 12515_at | 12515_at | 1 | -0.05 | -0.03 | -0.17 | 0.25 | -0.82 | -0.84 | - |
| | 1.31 | -0.83 | -0.88 | -0.88 | -2.07 | -1.78 | | | | |
| GENE1438X | 16438_at | 16438_at | 1 | 0.5 | -0.2 | -0.51 | 0.42 | -1.61 | -4.15 | - |
| | 5.3 | -2.45 | -2.77 | -3.15 | -5.01 | -4.56 | | | | |
| GENE1633X | 17063_s_at | 17063_s_at | 1 | 0.26 | -0.29 | -0.19 | -0.03 | -0.19 | -0.24 | - |
| | 0.86 | -0.76 | -0.66 | -0.43 | -1.03 | -0.82 | | | | |
| GENE2009X | 18339_at | 18339_at | 1 | 0.31 | 0.04 | -0.65 | 0.31 | -0.34 | -0.45 | - |
| | 1.63 | -1.41 | -1.23 | -0.58 | -1.8 | -1.28 | | | | |
| GENE441X | 13253_f_at | 13253_f_at | 1 | 0.08 | -0.09 | -0.26 | -0.09 | -0.59 | -0.43 | - |
| | 0.89 | -1.19 | -0.73 | -0.62 | -1.22 | -1.19 | | | | |
| GENE966X | 15083_at | 15083_at | 1 | 0.21 | 0.1 | -0.26 | 0.15 | -0.79 | -0.74 | - |
| | 1.02 | -1.3 | -1.16 | -0.51 | -1.24 | -1.18 | | | | |
| GENE153X | 12419_at | 12419_at | 1 | 0.34 | -0.07 | 0.02 | 0.3 | -0.63 | -0.43 | - |
| | 1.32 | -0.98 | -1.06 | -0.4 | -1.28 | -0.9 | | | | |
| GENE1764X | 17525_at | 17525_at | 1 | 0.96 | -0.19 | -0.33 | 1.05 | -2.13 | -1.29 | - |
| | 3.58 | -2.73 | -1.65 | -2.13 | -3.58 | -2.2 | | | | |
| GENE2482X | 20018_at | 20018_at | 1 | -0.23 | -0.32 | 0.07 | 0.43 | -0.67 | -0.59 | - |
| | 1.02 | -0.76 | -0.75 | -1.07 | -1.28 | -0.86 | | | | |
| GENE2455X | 19949_at | 19949_at | 1 | 0.03 | -0.34 | 0.03 | 0.07 | -0.8 | -0.75 | - |
| | 0.84 | -1.05 | -0.91 | -1.09 | -1.17 | -0.84 | | | | |
| GENE1856X | 17917_s_at | 17917_s_at | 1 | -0.07 | -0.07 | -0.06 | 0.34 | -0.74 | -0.78 | - |
| | 0.86 | -0.99 | -0.94 | -0.83 | -1.21 | -0.92 | | | | |
| GENE2005X | 18316_at | 18316_at | 1 | 0.09 | -0.16 | 0.19 | 0.43 | -1.17 | -1.28 | - |
| | 1.35 | -1.27 | -1.38 | -1.46 | -1.92 | -1.78 | | | | |

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|-----------|------------|------------|-------|-------|-------|-------|-------|-------|-------|---|
| GENE2048X | 18564_at | 18564_at | 1 | 0.03 | 0.01 | 0.01 | 0.35 | -0.36 | -0.9 | - |
| 1.02 | -1.06 | -1.36 | -1.14 | -1.42 | -1.11 | | | | | |
| GENE356X | 13086_r_at | 13086_r_at | 1 | -0.01 | -0.79 | -0.38 | 0.66 | -0.79 | -1.46 | - |
| 2.28 | -2.05 | -3.22 | -1.97 | -2.28 | -2.64 | | | | | |
| GENE1151X | 15591_s_at | 15591_s_at | 1 | 0.23 | -0.06 | -0.25 | -0.16 | -0.46 | -1.06 | - |
| 1.62 | -1.35 | -1.2 | -1.71 | -1.39 | -1.58 | | | | | |
| GENE2260X | 19211_at | 19211_at | 1 | -0.28 | -0.07 | -0.08 | -0.12 | -0.77 | -1.06 | - |
| 2.59 | -1.73 | -2.15 | -2.4 | -2.16 | -2.22 | | | | | |
| GENE2510X | 20117_at | 20117_at | 1 | 0 | 0.15 | -0.21 | -0.25 | -1.12 | -1.49 | - |
| 2.13 | -2.11 | -2.28 | -1.98 | -2.41 | -2.13 | | | | | |
| GENE2588X | 20330_at | 20330_at | 1 | -0.14 | -0.67 | -0.67 | -0.09 | -1.32 | -1.9 | - |
| 3.17 | -3.17 | -2.58 | -2.58 | -3.65 | -2.97 | | | | | |
| GENE123X | 12312_at | 12312_at | 1 | 0 | -0.39 | -1 | -0.21 | -1.04 | -1.89 | - |
| 3.78 | -3.78 | -3.3 | -3.47 | -3.3 | -2.52 | | | | | |
| GENE523X | 13554_at | 13554_at | 1 | -0.1 | -0.63 | -0.75 | -0.49 | -0.87 | -1.12 | - |
| 1.81 | -1.38 | -0.73 | -0.78 | -1.23 | -1.02 | | | | | |
| GENE1063X | 15343_at | 15343_at | 1 | -0.2 | -0.36 | -0.33 | -0.02 | -0.72 | -0.82 | - |
| 1.71 | -1.12 | -0.82 | -0.77 | -1.15 | -0.86 | | | | | |
| GENE1599X | 16975_at | 16975_at | 1 | -0.22 | -0.24 | -0.41 | -0.43 | -0.81 | -1.34 | - |
| 2.2 | -1.87 | -1.15 | -1.02 | -1.7 | -1.44 | | | | | |
| GENE1980X | 18273_at | 18273_at | 1 | 0.24 | -0.15 | -0.27 | 0.04 | -0.35 | -0.97 | - |
| 1.36 | -1.34 | -0.75 | -0.9 | -1.29 | -0.88 | | | | | |
| GENE1358X | 16137_s_at | 16137_s_at | 1 | 0.2 | -0.53 | -1.16 | -0.68 | -0.71 | -2.07 | - |
| 2.46 | -2.25 | -2.07 | -2.22 | -2.71 | -1.58 | | | | | |
| GENE1745X | 17475_at | 17475_at | 1 | 0.21 | -0.58 | -0.89 | -0.38 | -0.99 | -0.78 | - |
| 1.82 | -1.34 | -1.2 | -1.24 | -1.38 | -1.09 | | | | | |
| GENE119X | 12300_at | 12300_at | 1 | -0.27 | -0.76 | -1.11 | -0.4 | -1.51 | -1 | - |
| 2.75 | -2.1 | -2.56 | -2.17 | -2.1 | -1.88 | | | | | |
| GENE418X | 13192_at | 13192_at | 1 | 0.18 | -1.24 | -0.96 | 0.39 | -2.1 | -1.58 | - |
| 3.78 | -2.78 | -2.32 | -2.58 | -2.4 | -2.52 | | | | | |
| GENE783X | 14523_at | 14523_at | 1 | -0.11 | -0.34 | -0.53 | -0.01 | -0.86 | -0.72 | - |
| 1.21 | -0.96 | -1.34 | -1.1 | -1.68 | -1.19 | | | | | |
| GENE1450X | 16458_s_at | 16458_s_at | 1 | 0.04 | -0.28 | -0.41 | -0.02 | -0.69 | -0.76 | - |
| 1.57 | -0.82 | -1.3 | -1.1 | -1.34 | -1.22 | | | | | |
| GENE1207X | 15737_at | 15737_at | 1 | 0.07 | -0.64 | -1.42 | -0.09 | -1.85 | -2.16 | - |
| 3.95 | -2.83 | -3.44 | -3.24 | -3.36 | -2.29 | | | | | |
| GENE16X | 12022_at | 12022_at | 1 | 0.22 | -0.67 | -0.71 | -0.11 | -0.74 | -0.53 | - |
| 1.09 | -1.19 | -1.09 | -0.71 | -1.38 | -1.26 | | | | | |
| GENE1056X | 15271_at | 15271_at | 1 | -0.13 | -1.93 | -1.93 | -0.23 | -1.09 | -0.91 | - |
| 3.08 | -2.29 | -2.29 | -2.61 | -3.08 | -3.53 | | | | | |
| GENE1312X | 16052_at | 16052_at | 1 | -0.26 | -0.75 | -0.14 | -0.31 | -0.78 | -0.85 | - |
| 1.86 | -2.04 | -1.53 | -0.4 | -1.36 | -1.71 | | | | | |
| GENE1869X | 17944_at | 17944_at | 1 | 0.09 | -0.05 | -0.05 | 0.36 | -0.59 | -0.91 | - |
| 1.37 | -1.23 | -0.84 | -0.55 | -0.89 | -0.59 | | | | | |
| GENE520X | 13550_at | 13550_at | 1 | -0.87 | 0.18 | 0.34 | 0.72 | -1.86 | -1.71 | - |
| 2.92 | -2.52 | -1.84 | -1.43 | -2.46 | -1.92 | | | | | |
| GENE341X | 13027_at | 13027_at | 1 | 0.23 | 0 | 0.12 | -0.03 | -1.21 | -0.87 | - |
| 1.58 | -1.26 | -1.45 | -0.75 | -1.1 | -1.32 | | | | | |
| GENE2142X | 18761_at | 18761_at | 1 | -0.22 | 0.19 | 0.11 | -0.15 | -1.63 | -1.79 | - |
| 2.38 | -2.51 | -1.27 | -1.19 | -1.73 | -1.58 | | | | | |
| GENE2082X | 18637_at | 18637_at | 1 | -0.41 | -0.04 | 0 | -0.6 | -2.19 | -2.41 | - |
| 4.32 | -4.58 | -2.41 | -2.67 | -3.73 | -4.1 | | | | | |
| GENE1133X | 15534_f_at | 15534_f_at | 1 | -0.05 | -0.28 | -0.15 | -0.22 | -0.69 | -0.45 | - |
| 1.72 | -1.48 | -1.36 | -0.97 | -1.28 | -0.91 | | | | | |
| GENE310X | 12926_s_at | 12926_s_at | 1 | 0 | 0.12 | -0.21 | -0.55 | -1.73 | -0.65 | - |
| 2.35 | -1.88 | -1.58 | -2 | -1.88 | -0.79 | | | | | |

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|-----------|------------|------------|-------|-------|-------|-------|-------|-------|-------|----|
| GENE71X | 12171_at | 12171_at | 1 | -0.02 | 0.39 | 0.04 | -0.01 | -0.44 | -1.02 | - |
| 1.76 | -1.56 | -1.4 | -1.19 | -1.37 | -1 | | | | | |
| GENE1978X | 18270_at | 18270_at | 1 | -0.61 | 0.33 | 0.62 | -0.37 | -0.95 | -1.26 | - |
| 2.47 | -1.74 | -1.35 | -2.19 | -2.27 | -1.36 | | | | | |
| GENE1103X | 15469_at | 15469_at | 1 | -0.31 | -0.28 | 0.09 | 0.15 | -1.03 | -0.94 | - |
| 1.22 | -0.77 | -1 | -0.83 | -0.86 | -0.56 | | | | | |
| GENE2095X | 18664_at | 18664_at | 1 | 0.29 | -0.25 | 0.11 | -0.16 | -2.89 | -3.03 | - |
| 3.01 | -1.52 | -2.64 | -2.57 | -2.6 | -1.77 | | | | | |
| GENE2199X | 18969_g_at | 18969_g_at | 1 | -0.26 | -0.26 | -0.26 | -0.26 | -3.29 | -3.07 | - |
| 2.56 | -2.09 | -2.71 | -2.71 | -3.35 | -2.39 | | | | | |
| GENE2198X | 18968_at | 18968_at | 1 | 0 | 0 | 0 | 0 | -3.7 | -3.7 | - |
| 3.15 | -2.38 | -3.7 | -3.7 | -4.24 | -2.95 | | | | | |
| GENE678X | 14064_at | 14064_at | 1 | -0.44 | -0.78 | -0.78 | -0.66 | -3.48 | -2.74 | - |
| 3.5 | -1.56 | -3.06 | -3.25 | -3.5 | -2.62 | | | | | |
| GENE2045X | 18556_at | 18556_at | 1 | -1.09 | -0.53 | -0.5 | -0.99 | -0.65 | -0.61 | - |
| 0.17 | 0.06 | -0.66 | -0.14 | 0.3 | 0.32 | | | | | |
| GENE2466X | 19977_at | 19977_at | 1 | -3.15 | -0.74 | -0.2 | -2.66 | -1.9 | -2.1 | - |
| 0.1 | 0.25 | -1.62 | -1.92 | -0.53 | -0.24 | | | | | |
| GENE1772X | 17552_s_at | 17552_s_at | 1 | -0.99 | -1.02 | -1.01 | -0.88 | -1.54 | -1.11 | |
| 0.32 | 0.43 | -1.44 | -1.35 | 0.78 | 0.67 | | | | | |
| GENE1614X | 17010_s_at | 17010_s_at | 1 | -2.74 | -2.81 | -2.81 | -1.74 | -2.14 | -2.05 | |
| 0.22 | 0.56 | -1.64 | -2.14 | 0.39 | 0.9 | | | | | |
| GENE2303X | 19391_at | 19391_at | 1 | -0.64 | -0.44 | -0.68 | -0.82 | -1.39 | -1.05 | - |
| 0.2 | 0.31 | -0.85 | -0.77 | 0.09 | 0.15 | | | | | |
| GENE1648X | 17103_s_at | 17103_s_at | 1 | -0.65 | -0.59 | -1.03 | -1.12 | -1.07 | -1.21 | - |
| 0.98 | -0.27 | -0.36 | -0.44 | -0.31 | -0.51 | | | | | |
| GENE976X | 15096_at | 15096_at | 1 | -0.21 | -0.37 | -0.81 | -0.6 | -1.24 | -1.34 | -1 |
| -0.51 | -1.1 | -0.26 | -0.66 | -0.33 | | | | | | |
| GENE971X | 15089_at | 15089_at | 1 | -0.09 | -0.67 | -1.01 | -0.41 | -0.6 | -0.41 | - |
| 0.56 | -0.16 | -0.95 | -0.62 | -0.55 | -0.3 | | | | | |
| GENE39X | 12095_at | 12095_at | 1 | -0.79 | -2.08 | -2.32 | -1.23 | -1.79 | -2.49 | - |
| 1.15 | -0.1 | -2.58 | -2.17 | -0.77 | -0.77 | | | | | |
| GENE1138X | 15549_at | 15549_at | 1 | -0.34 | -0.68 | -1.2 | -0.56 | -0.45 | -0.65 | - |
| 0.55 | -0.27 | -1.36 | -0.85 | -0.75 | -0.3 | | | | | |
| GENE687X | 14080_at | 14080_at | 1 | -0.23 | -0.69 | -1.23 | -0.84 | -0.54 | -1.14 | - |
| 0.54 | -0.53 | -1.99 | -1.12 | -0.93 | -0.41 | | | | | |
| GENE1771X | 17549_at | 17549_at | 1 | -0.61 | -0.77 | -3.53 | -0.43 | -1.38 | -2.76 | - |
| 1.83 | -2.32 | -2.76 | -2.08 | -1.05 | -0.64 | | | | | |
| GENE2469X | 19987_at | 19987_at | 1 | -1.4 | -0.58 | -0.23 | -0.4 | -0.71 | -1.02 | - |
| 0.48 | -0.29 | -1.35 | -0.83 | -0.65 | -0.77 | | | | | |
| GENE407X | 13178_at | 13178_at | 1 | -1.54 | -0.54 | -0.31 | -0.52 | -0.92 | -0.97 | - |
| 0.88 | -1.64 | -1.07 | -1.51 | -0.72 | -0.77 | | | | | |
| GENE2624X | 20437_at | 20437_at | 1 | -1.67 | 0.13 | -0.92 | -1.15 | -1 | -0.78 | - |
| 0.39 | -0.16 | -1.26 | -0.96 | -1.3 | -0.47 | | | | | |
| GENE1511X | 16599_s_at | 16599_s_at | 1 | -0.55 | -0.69 | -0.51 | -0.88 | -1 | -0.72 | - |
| 0.75 | -0.25 | -0.75 | -1.18 | -1.2 | -0.27 | | | | | |
| GENE2311X | 19406_at | 19406_at | 1 | -0.16 | -0.37 | -0.56 | -0.7 | -0.44 | -0.32 | |
| 0.48 | 0.89 | -1.82 | -1.45 | -0.1 | 0.05 | | | | | |
| GENE1944X | 18176_at | 18176_at | 1 | -0.68 | 0 | -0.15 | -0.85 | -0.36 | -0.36 | - |
| 0.12 | 0.93 | -1.43 | -1.43 | -0.15 | -0.42 | | | | | |
| GENE1306X | 16039_s_at | 16039_s_at | 1 | -0.48 | -0.41 | -0.52 | -1.03 | -0.08 | -0.44 | |
| 0.52 | 0.47 | -1.63 | -2 | -0.06 | -0.59 | | | | | |
| GENE682X | 14069_at | 14069_at | 1 | -0.57 | -0.84 | -1 | -0.84 | -0.2 | -0.49 | - |
| 0.13 | 0.47 | -1.62 | -2.05 | -0.48 | -0.35 | | | | | |
| GENE1268X | 15933_at | 15933_at | 1 | -0.19 | -0.34 | -0.34 | -0.15 | -0.42 | -0.57 | - |
| 0.22 | 0.14 | -1.13 | -1.02 | 0.11 | 0.05 | | | | | |

| | | | | | | | | | | |
|-----------|------------|------------|-------|-------|-------|-------|-------|-------|-------|---|
| GENE1287X | 16001_at | 16001_at | 1 | -1.56 | -0.72 | -0.39 | -1.44 | -1.37 | -2.65 | - |
| | 0.21 | 0.67 | -2.21 | -3.41 | 0.03 | -0.62 | | | | |
| GENE631X | 13927_at | 13927_at | 1 | -0.45 | -0.35 | -0.79 | -0.67 | -0.52 | -0.69 | |
| | 0.32 | -0.26 | -1.34 | -1.16 | -0.06 | -0.26 | | | | |
| GENE1145X | 15576_s_at | 15576_s_at | 1 | -1.04 | -1.05 | -1.5 | -1.12 | -1.47 | -1.73 | - |
| | 0.32 | -0.73 | -2.75 | -2.66 | -0.81 | -1.2 | | | | |
| GENE1991X | 18290_at | 18290_at | 1 | -1.33 | -1.21 | -1.05 | -1.18 | -1.34 | -1.01 | - |
| | 0.48 | -0.13 | -2.15 | -1.61 | -0.92 | -0.59 | | | | |
| GENE2440X | 19910_at | 19910_at | 1 | -0.55 | -0.92 | -1.31 | -1.24 | -0.33 | -0.51 | |
| | 0.28 | 0.34 | -1.74 | -0.74 | -0.44 | -0.96 | | | | |
| GENE1276X | 15972_at | 15972_at | 1 | -0.67 | -0.61 | -1.25 | -1 | -0.28 | -0.28 | |
| | 0.14 | 0.38 | -1.05 | -0.86 | -0.47 | -0.42 | | | | |
| GENE429X | 13230_at | 13230_at | 1 | -0.48 | -0.81 | -1.34 | -0.9 | -0.08 | -0.81 | |
| | 0.21 | 0.38 | -0.96 | -0.87 | -0.59 | -0.38 | | | | |
| GENE1163X | 15610_at | 15610_at | 1 | -0.68 | -1.11 | -0.83 | -0.68 | -0.14 | -0.57 | |
| | 0.27 | 0.29 | -1.24 | -1.47 | -0.75 | -1.03 | | | | |
| GENE2575X | 20290_s_at | 20290_s_at | 1 | -0.5 | -0.23 | -0.88 | -0.76 | -0.69 | -0.5 | |
| | 0.52 | 0.66 | -1.56 | -1.62 | -0.66 | -1 | | | | |
| GENE269X | 12782_r_at | 12782_r_at | 1 | -0.7 | -0.43 | -0.85 | -0.79 | -0.94 | -0.38 | - |
| | 0.1 | 0.68 | -1.66 | -0.98 | -0.9 | -0.47 | | | | |
| GENE1550X | 16742_at | 16742_at | 1 | -0.82 | -1.78 | -2.04 | -3.63 | -0.84 | 0 | - |
| | 0.95 | -0.43 | -3.6 | -2.47 | 0.13 | -0.19 | | | | |
| GENE216X | 12609_at | 12609_at | 1 | -0.73 | -1.32 | -4.73 | -2.88 | -0.76 | -0.4 | - |
| | 0.26 | -0.26 | -4.42 | -3.93 | -0.26 | -0.26 | | | | |
| GENE426X | 13218_s_at | 13218_s_at | 1 | -0.78 | -0.7 | -1.15 | -0.69 | -0.17 | -0.28 | - |
| | 0.22 | -0.22 | -1.17 | -0.95 | -0.23 | -0.34 | | | | |
| GENE858X | 14717_s_at | 14717_s_at | 1 | -0.57 | -0.71 | -0.99 | -1.08 | -0.25 | -0.15 | - |
| | 0.53 | -0.35 | -1.57 | -1.79 | -0.73 | -0.63 | | | | |
| GENE957X | 15057_at | 15057_at | 1 | -1.07 | -1.01 | -1.57 | -1.71 | -0.54 | -0.53 | - |
| | 0.78 | -0.24 | -2.48 | -2.08 | -1.24 | -1.36 | | | | |
| GENE1209X | 15761_at | 15761_at | 1 | 0.02 | -1.08 | -2.36 | -1 | -0.62 | -1.08 | - |
| | 0.32 | -0.73 | -3.5 | -3.5 | -0.58 | -1.58 | | | | |
| GENE788X | 14534_s_at | 14534_s_at | 1 | -0.17 | -0.66 | -1.3 | -0.53 | -0.41 | -0.73 | - |
| | 0.39 | -0.3 | -2.2 | -1.39 | -0.78 | -0.62 | | | | |
| GENE626X | 13910_at | 13910_at | 1 | -0.06 | -0.69 | -1.02 | -0.62 | -0.73 | -0.45 | - |
| | 0.35 | 0.05 | -1.67 | -1.27 | -0.76 | -0.71 | | | | |
| GENE1996X | 18301_s_at | 18301_s_at | 1 | -0.6 | -1.52 | -2.95 | -1.47 | -0.91 | -0.81 | - |
| | 1.33 | -0.63 | -3.45 | -3.09 | -1.81 | -1.67 | | | | |
| GENE277X | 12795_at | 12795_at | 1 | -0.4 | -0.88 | -1.65 | -0.82 | -0.26 | -0.03 | |
| | 0.1 | -0.06 | -0.65 | -0.27 | 0 | 0.09 | | | | |
| GENE261X | 12765_at | 12765_at | 1 | -0.05 | -0.52 | -1.1 | -0.83 | -0.05 | -0.27 | |
| | 0.12 | -0.38 | -0.48 | -0.31 | 0 | -0.28 | | | | |
| GENE2220X | 19091_at | 19091_at | 1 | -0.58 | -0.55 | -1.06 | -0.89 | -0.32 | -0.41 | |
| | 0.06 | 0.02 | -0.71 | 0.14 | -0.38 | -0.14 | | | | |
| GENE963X | 15077_at | 15077_at | 1 | -0.65 | -0.9 | -1.17 | -0.73 | 0.01 | -0.15 | - |
| | 0.26 | -0.03 | -0.3 | -0.03 | -0.36 | -0.59 | | | | |
| GENE674X | 14056_at | 14056_at | 1 | -0.5 | -0.62 | -1.2 | -0.88 | 0.04 | 0 | - |
| | 0.24 | -0.14 | -0.57 | -0.13 | -0.54 | -0.54 | | | | |
| GENE2015X | 18354_at | 18354_at | 1 | -0.91 | -1 | -1.56 | -1.38 | -0.12 | 0.48 | |
| | 0.23 | 0.12 | -0.59 | -0.18 | -0.46 | -0.5 | | | | |
| GENE259X | 12761_s_at | 12761_s_at | 1 | -3.47 | -3.74 | -4.26 | -3.62 | -0.23 | 0.55 | - |
| | 0.13 | 0.73 | -2.34 | -1.65 | -2.34 | -2.06 | | | | |
| GENE1688X | 17320_g_at | 17320_g_at | 1 | -0.24 | -0.63 | -1.16 | -1.32 | 0.35 | -0.61 | - |
| | 0.34 | -1 | -0.47 | -0.2 | -0.15 | -0.15 | | | | |
| GENE2181X | 18942_at | 18942_at | 1 | -0.73 | -0.42 | -0.63 | -1.27 | -0.02 | -0.46 | - |
| | 0.1 | -0.53 | -0.5 | -0.14 | -0.22 | -0.35 | | | | |

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|-----------|------------|------------|-------|-------|-------|-------|-------|-------|----------|---|
| GENE2488X | 20040_at | 20040_at | 1 | -0.72 | -0.19 | -0.82 | -1.06 | -0.07 | -0.51 | - |
| | 0.18 | -0.39 | -0.22 | -0.04 | -0.68 | -0.24 | | | | |
| GENE693X | 14096_at | 14096_at | 1 | -1.98 | -0.83 | -2.21 | -2.23 | -0.48 | -0.79 | - |
| | 0.81 | -1.3 | -0.71 | 0.07 | -1.11 | -0.36 | | | | |
| GENE1054X | 15256_at | 15256_at | 1 | -1.24 | -1.18 | -1.83 | -0.83 | -0.44 | -0.31 | - |
| | 0.48 | -1.04 | -0.8 | -0.94 | -0.51 | -0.12 | | | | |
| GENE1191X | 15668_s_at | 15668_s_at | 1 | -0.9 | -0.65 | -0.88 | -1 | -0.38 | 0.08 | - |
| | 0.32 | -0.76 | -0.84 | -0.39 | -0.48 | -0.29 | | | | |
| GENE2213X | 19030_at | 19030_at | 1 | -0.74 | -0.81 | -1.31 | -1.11 | 0.27 | 0.35 | - |
| | 0.53 | -0.74 | -0.84 | -0.61 | -0.8 | -0.26 | | | | |
| GENE597X | 13709_at | 13709_at | 1 | -1.24 | -0.63 | -0.79 | -1.05 | -0.33 | 0.06 | - |
| | 0.4 | -0.18 | -0.22 | 0.05 | -0.51 | -0.72 | | | | |
| GENE1237X | 15864_at | 15864_at | 1 | -0.87 | -0.18 | -0.76 | -1.05 | -0.01 | 0.17 | - |
| | 0.38 | -0.07 | -0.31 | -0.32 | -0.86 | -0.74 | | | | |
| GENE669X | 14037_at | 14037_at | 1 | -0.44 | -1.19 | -1.39 | -1.04 | -0.74 | -0.28 | - |
| | 1.29 | -0.93 | -0.85 | -0.63 | -1.46 | -1.17 | | | | |
| GENE1371X | 16196_at | 16196_at | 1 | -0.71 | -0.8 | -1.41 | -1.28 | -0.56 | 0.02 | - |
| | 0.95 | -1.19 | -1.25 | -0.39 | -1.49 | -1.19 | | | | |
| GENE1674X | 17257_s_at | 17257_s_at | 1 | -0.78 | -0.89 | -2.1 | -1.25 | -0.48 | 0.05 | - |
| | 1.44 | -1.2 | -0.71 | -0.22 | -1.9 | -1.44 | | | | |
| GENE716X | 14301_at | 14301_at | 1 | -0.54 | -0.66 | -0.78 | -0.68 | -0.3 | -0.07 | - |
| | 0.91 | -0.14 | -0.58 | -0.24 | -1.2 | -0.4 | | | | |
| GENE1529X | 16642_s_at | 16642_s_at | 1 | -0.74 | -0.67 | -0.89 | -0.54 | 0.05 | -0.01 | - |
| | 1.02 | -0.49 | -1.04 | -0.57 | -1.64 | -1.06 | | | | |
| GENE2644X | 20490_at | 20490_at | 1 | -0.71 | -0.88 | -0.67 | -0.92 | 0.02 | -0.44 | - |
| | 0.42 | -0.81 | -0.58 | -0.73 | -1.04 | -0.59 | | | | |
| GENE430X | 13232_s_at | 13232_s_at | 1 | -0.84 | -0.34 | -0.69 | -1.02 | 0.03 | -0.63 | - |
| | 0.59 | -0.34 | -0.45 | -0.82 | -1.29 | -0.75 | | | | |
| GENE256X | 12757_at | 12757_at | 1 | -0.9 | -0.95 | -1.76 | -1.93 | 0.72 | -0.03 | - |
| | 0.05 | -0.7 | -0.55 | -0.77 | -0.61 | -0.79 | | | | |
| GENE1724X | 17423_s_at | 17423_s_at | 1 | -0.78 | -1.25 | -2.21 | -0.92 | 0.3 | 0 | - |
| | 0.03 | -0.56 | -0.8 | -0.86 | -0.88 | -0.75 | | | | |
| GENE2275X | 19258_at | 19258_at | 1 | -0.33 | -0.58 | -1.28 | -0.7 | 0.53 | 0.45 | - |
| | 0.02 | -0.11 | -0.5 | -0.54 | -0.47 | -0.95 | | | | |
| GENE587X | 13672_at | 13672_at | 1 | -0.02 | -0.54 | -1.33 | -1.05 | -0.11 | 0.25 | - |
| | 0.07 | -0.06 | -0.47 | -0.84 | -0.49 | -0.19 | | | | |
| GENE1365X | 16163_s_at | 16163_s_at | 1 | -0.39 | -0.81 | -1.77 | -1.46 | 0.15 | 0.45 | 0 |
| | 0.12 | -1.29 | -2.17 | -1.35 | -0.82 | | | | | |
| GENE2632X | 20457_at | 20457_at | 1 | -0.46 | -0.81 | -1.24 | -0.85 | -0.17 | 0.44 | - |
| | 0.33 | 0.12 | -0.31 | -0.48 | -1.03 | -0.5 | | | | |
| GENE1803X | 17643_at | 17643_at | 1 | -0.44 | -1.38 | -1.69 | -1.18 | 0.11 | 0.34 | - |
| | 0.74 | -0.25 | -0.83 | -0.45 | -1.31 | -0.52 | | | | |
| GENE2306X | 19396_at | 19396_at | 1 | -0.58 | -1.45 | -1.89 | -1.72 | 0.49 | 0.28 | - |
| | 0.58 | 0.03 | -0.5 | -0.5 | -1.46 | -1.26 | | | | |
| GENE2686X | 20615_at | 20615_at | 1 | -0.37 | -0.48 | -1.27 | -1.12 | 0.12 | 0.49 | |
| | 0.15 | 0.09 | -1.1 | -0.55 | -1 | -0.82 | | | | |
| GENE886X | 14832_at | 14832_at | 1 | -1.62 | -1.89 | -2.38 | -2.27 | -0.11 | 0.9 | |
| | 0.12 | 0.43 | -2.42 | -1.47 | -3.12 | -2.05 | | | | |
| GENE2172X | 18917_i_at | 18917_i_at | 1 | -0.35 | -0.56 | -1.59 | -1.09 | 0.23 | 0.19 | |
| | 0.05 | -0.5 | -1.01 | -1.05 | -1.36 | -1.23 | | | | |
| GENE2353X | 19569_at | 19569_at | 1 | -0.59 | -0.53 | -1.08 | -0.83 | 0.25 | -0.03 | - |
| | 0.22 | 0.08 | -0.58 | -0.53 | -0.93 | -0.71 | | | | |
| GENE2286X | 19361_s_at | 19361_s_at | 1 | -0.45 | -0.5 | -1.36 | -1.08 | -0.1 | -0.00851 | |
| | -0.32 | -0.31 | -0.96 | -0.85 | -1.33 | -0.91 | | | | |
| GENE2627X | 20443_s_at | 20443_s_at | 1 | -2.93 | -1.31 | -4.2 | -4.2 | -0.46 | -0.1 | - |
| | 1.11 | -0.66 | -3.46 | -2.99 | -3.73 | -3.34 | | | | |

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|-----------|------------|------------|-------|-------|-------|-------|-------|-------|---------|---|
| GENE2249X | 19184_at | 19184_at | 1 | -1 | -2.07 | -2.48 | -1.22 | -0.58 | 0.52 | - |
| 0.37 | 1.26 | -1.7 | -1.82 | -1.65 | -2.13 | | | | | |
| GENE342X | 13036_at | 13036_at | 1 | -0.85 | -1.01 | -1.65 | -1.14 | -0.01 | 0.37 | - |
| 0.44 | 0.26 | -1.54 | -1.63 | -1.28 | -1.36 | | | | | |
| GENE1038X | 15207_s_at | 15207_s_at | 1 | -1.26 | -1.63 | -2.11 | -1.55 | -0.39 | 0.44 | - |
| 0.24 | 0.49 | -2.18 | -2.03 | -1.53 | -1.42 | | | | | |
| GENE2391X | 19717_at | 19717_at | 1 | -1.37 | -1.13 | -1.75 | -1.9 | -0.44 | 0.63 | - |
| 0.38 | 0.64 | -2.56 | -1.9 | -1.58 | -2.21 | | | | | |
| GENE1537X | 16675_g_at | 16675_g_at | 1 | -0.27 | -1.36 | -0.89 | -0.78 | -0.54 | -0.04 | - |
| 0.37 | -0.14 | -0.97 | -0.93 | -0.75 | -1.16 | | | | | |
| GENE1347X | 16117_at | 16117_at | 1 | -1.03 | -1.61 | -1.42 | -0.96 | -0.06 | 0.57 | - |
| 0.61 | 0.2 | -1.11 | -0.63 | -1.74 | -1.18 | | | | | |
| GENE1587X | 16942_at | 16942_at | 1 | -0.78 | -0.82 | -1.1 | -1.08 | -0.47 | -0.03 | - |
| 0.55 | -0.02 | -1 | -0.56 | -1.23 | -0.7 | | | | | |
| GENE364X | 13108_at | 13108_at | 1 | -1.03 | -1.15 | -1.27 | -0.99 | -0.55 | 0.26 | - |
| 0.55 | 0.26 | -1.24 | -0.59 | -1.08 | -0.56 | | | | | |
| GENE2135X | 18743_f_at | 18743_f_at | 1 | -0.88 | -0.26 | -1.64 | -1.74 | 0.41 | -0.54 | 0 |
| -0.28 | | -2.02 | -1.66 | -1.03 | -1.9 | | | | | |
| GENE2653X | 20523_at | 20523_at | 1 | -0.44 | -0.72 | -1.55 | -1.48 | -0.31 | -0.83 | |
| 0.02 | | -0.21 | -1.77 | -1.22 | -0.91 | -1.13 | | | | |
| GENE2148X | 18798_at | 18798_at | 1 | -0.44 | -1.29 | -1.9 | -1.38 | -0.49 | -1.14 | - |
| 0.54 | -0.54 | -2.27 | -1.4 | -1.1 | -1.51 | | | | | |
| GENE2495X | 20057_at | 20057_at | 1 | -0.48 | -0.79 | -1.32 | -1.19 | -0.36 | -0.38 | - |
| 0.14 | -0.14 | -1.33 | -1.25 | -1.23 | -1.46 | | | | | |
| GENE1774X | 17555_s_at | 17555_s_at | 1 | -1.01 | -1.07 | -2.66 | -2.6 | -0.77 | -0.52 | - |
| 0.76 | -0.34 | -2.79 | -2.71 | -1.76 | -2.93 | | | | | |
| GENE2390X | 19710_s_at | 19710_s_at | 1 | -1.25 | -0.66 | -1.23 | -1.38 | -0.29 | -0.19 | - |
| 0.32 | -0.01 | -1.13 | -0.92 | -0.58 | -0.89 | | | | | |
| GENE1310X | 16046_s_at | 16046_s_at | 1 | -0.72 | -0.84 | -1.05 | -1.28 | -0.22 | -0.3 | - |
| 0.25 | -0.29 | -1.28 | -0.8 | -0.78 | -0.8 | | | | | |
| GENE1424X | 16382_at | 16382_at | 1 | -1.15 | -0.9 | -1.75 | -1.24 | -0.27 | -0.32 | - |
| 0.38 | -0.26 | -1.04 | -0.88 | -1.1 | -0.73 | | | | | |
| GENE2654X | 20524_at | 20524_at | 1 | -2.64 | -1.94 | -4.05 | -4.32 | -0.24 | -0.9 | - |
| 0.44 | -0.44 | -2.86 | -1.73 | -3.08 | -2.5 | | | | | |
| GENE1604X | 16986_at | 16986_at | 1 | -1.53 | -1.53 | -1.64 | -1.82 | -0.62 | -1.18 | - |
| 1.15 | -0.77 | -1.66 | -1.44 | -1.2 | -1.65 | | | | | |
| GENE814X | 14596_at | 14596_at | 1 | -1.33 | -0.81 | -1.55 | -1.42 | -0.57 | -0.95 | - |
| 0.78 | -0.47 | -2.01 | -1.62 | -1.47 | -1.5 | | | | | |
| GENE2322X | 19438_at | 19438_at | 1 | -0.74 | -0.24 | -0.59 | -0.85 | -0.38 | 0.03 | - |
| 0.07 | 0.22 | -1.06 | -0.7 | -0.41 | -0.54 | | | | | |
| GENE701X | 14121_at | 14121_at | 1 | -0.8 | -0.34 | -0.34 | -0.86 | 0.13 | 0.15 | - |
| 0.08 | 0.03 | -1.3 | -0.84 | -0.75 | -0.62 | | | | | |
| GENE2177X | 18933_at | 18933_at | 1 | -0.29 | -0.79 | -1.56 | -0.31 | -0.51 | 0.00563 | |
| -0.24 | 0.05 | -1.4 | -0.52 | -0.37 | -0.09 | | | | | |
| GENE1392X | 16296_at | 16296_at | 1 | -0.15 | -0.47 | -1.04 | -0.66 | -0.36 | -0.18 | - |
| 0.14 | -0.07 | -0.99 | -0.74 | -0.52 | -0.38 | | | | | |
| GENE2401X | 19789_at | 19789_at | 1 | -1.86 | -2.12 | -4.44 | -2.3 | -1.21 | -0.98 | - |
| 1.11 | -0.45 | -2.98 | -2.3 | -2.37 | -0.53 | | | | | |
| GENE325X | 12983_at | 12983_at | 1 | 0.08 | -0.76 | -1.5 | -0.41 | -0.29 | 0.36 | - |
| 0.13 | 0.06 | -0.88 | -0.29 | -1.03 | -0.37 | | | | | |
| GENE1231X | 15843_at | 15843_at | 1 | -0.29 | -0.62 | -1.15 | -0.73 | -0.4 | 0.04 | - |
| 0.27 | 0.04 | -1.23 | -0.13 | -1.27 | -0.27 | | | | | |
| GENE2505X | 20090_at | 20090_at | 1 | -0.17 | -0.74 | -1.7 | -1.11 | -0.26 | 0.22 | - |
| 0.83 | -0.47 | -1.26 | -0.26 | -1.3 | -0.35 | | | | | |
| GENE1781X | 17572_s_at | 17572_s_at | 1 | 0.32 | -1.15 | -2.37 | -0.3 | -0.48 | -0.22 | - |
| 0.67 | -0.67 | -0.48 | -0.48 | -0.67 | -0.67 | | | | | |

| | | | | | | | | | | |
|-----------|------------|------------|-------|----------|-------|-------|-------|-------|----------|----|
| GENE151X | 12410_g_at | 12410_g_at | 1 | -0.31 | -0.88 | -1.08 | -0.69 | -0.46 | -0.15 | - |
| | 0.43 | -0.39 | -0.5 | -0.11 | -0.63 | -0.17 | | | | |
| GENE51X | 12124_at | 12124_at | 1 | -0.42 | -1.13 | -1.87 | -1.32 | -0.46 | -0.12 | - |
| | 0.64 | -1.28 | -1.03 | 0.14 | -1.07 | -0.72 | | | | |
| GENE1423X | 16380_at | 16380_at | 1 | -0.11 | -0.54 | -1.28 | -0.86 | -0.47 | -0.24 | - |
| | 0.45 | -0.62 | -0.64 | -0.58 | -0.68 | -0.35 | | | | |
| GENE2000X | 18308_i_at | 18308_i_at | 1 | -0.24 | -0.65 | -1.1 | -0.87 | -0.52 | -0.43 | - |
| | 0.53 | -0.59 | -0.4 | -0.61 | -0.72 | -0.53 | | | | |
| GENE1561X | 16811_at | 16811_at | 1 | -0.06 | -0.52 | -1.29 | -0.83 | -0.35 | -0.15 | - |
| | 0.29 | -0.37 | -0.64 | -0.61 | -0.8 | -0.7 | | | | |
| GENE580X | 13655_at | 13655_at | 1 | -0.23 | -0.82 | -1.46 | -0.8 | -0.25 | -0.31 | - |
| | 0.36 | -0.27 | -1.01 | -0.8 | -0.85 | -0.59 | | | | |
| GENE1420X | 16367_i_at | 16367_i_at | 1 | 0 | -3.32 | -0.02 | -0.32 | -0.43 | -0.54 | - |
| | 0.4 | 0.11 | -1.84 | -1.17 | -1.15 | -1.15 | | | | |
| GENE802X | 14572_at | 14572_at | 1 | -0.2 | -1.2 | -1.17 | -0.42 | -0.73 | -0.55 | - |
| | 0.37 | 0.45 | -1.67 | -1.37 | -1.08 | -0.34 | | | | |
| GENE654X | 14009_at | 14009_at | 1 | -0.19 | -0.94 | -1.58 | -0.49 | -1.28 | -0.24 | 0 |
| | 0.85 | -2.86 | -2.35 | -1.36 | -0.86 | | | | | |
| GENE2318X | 19429_at | 19429_at | 1 | -0.15 | -1.13 | -1.75 | -1.13 | -1.35 | -0.35 | - |
| | 0.26 | 0.11 | -1.89 | -2.03 | -2 | -0.19 | | | | |
| GENE1182X | 15647_s_at | 15647_s_at | 1 | -1.1 | -1.03 | -1.15 | -0.22 | -0.5 | -0.17 | - |
| | 0.7 | -0.11 | -1.41 | -0.76 | -0.91 | -0.41 | | | | |
| GENE1269X | 15934_i_at | 15934_i_at | 1 | -0.16 | -1.43 | -0.66 | -0.5 | -0.34 | 0.1 | - |
| | 0.63 | 0.2 | -1.44 | -0.72 | -1.25 | -0.67 | | | | |
| GENE1761X | 17520_s_at | 17520_s_at | 1 | -0.00994 | | -0.91 | -1.17 | -0.13 | -0.53 | - |
| | 0.12 | -0.75 | 0.06 | -1.43 | -0.9 | -1.79 | -0.63 | | | |
| GENE371X | 13118_f_at | 13118_f_at | 1 | -0.31 | -0.5 | -0.95 | -0.58 | -0.23 | 0.65 | - |
| | 0.05 | 0.37 | -1.56 | -0.96 | -0.93 | -0.69 | | | | |
| GENE2408X | 19833_s_at | 19833_s_at | 1 | -0.36 | -0.53 | -1 | -0.44 | -0.38 | 0.59 | - |
| | 0.36 | 0.52 | -1.23 | -0.4 | -1.09 | -0.56 | | | | |
| GENE2245X | 19179_s_at | 19179_s_at | 1 | -0.46 | -0.56 | -0.8 | -0.87 | -0.27 | 0.16 | - |
| | 0.41 | 0.11 | -1.07 | -0.75 | -0.46 | -0.21 | | | | |
| GENE87X | 12214_g_at | 12214_g_at | 1 | -0.44 | -0.55 | -1.1 | -0.77 | -0.31 | 0.23 | - |
| | 0.35 | 0.16 | -1.43 | -1.38 | -0.68 | -0.54 | | | | |
| GENE287X | 12811_at | 12811_at | 1 | -0.3 | -0.63 | -1.09 | -0.82 | -0.29 | 0.22 | - |
| | 0.36 | 0.15 | -0.95 | -0.8 | -0.97 | -0.57 | | | | |
| GENE837X | 14651_at | 14651_at | 1 | -0.48 | -0.88 | -0.96 | -0.74 | -0.17 | 0.03 | - |
| | 0.31 | 0.3 | -1.13 | -0.92 | -0.89 | -0.58 | | | | |
| GENE518X | 13548_at | 13548_at | 1 | -0.85 | -1.11 | -1.46 | -1.51 | -0.33 | -0.00351 | |
| | -0.5 | 0.35 | -1.36 | -1.56 | -1.36 | -1.11 | | | | |
| GENE928X | 14990_at | 14990_at | 1 | -0.18 | -0.56 | -1.42 | -1.12 | -1.39 | 0.09 | -1 |
| | 0.16 | -2.27 | -0.81 | -0.8 | -1.16 | | | | | |
| GENE1570X | 16894_at | 16894_at | 1 | -0.58 | -0.53 | -0.73 | -0.85 | -0.68 | -0.03 | - |
| | 0.31 | -0.06 | -1.19 | -0.49 | -0.69 | -0.61 | | | | |
| GENE1254X | 15906_at | 15906_at | 1 | -0.86 | -0.47 | -1.34 | -1.98 | -0.87 | -0.17 | -1 |
| | -0.42 | -2.1 | -1.21 | -1.95 | -1.13 | | | | | |
| GENE2454X | 19947_at | 19947_at | 1 | 0.08 | -0.14 | -0.77 | -0.21 | 0.01 | -0.11 | |
| | 0.29 | -0.07 | -1.24 | -0.82 | -0.46 | -0.95 | | | | |
| GENE514X | 13544_at | 13544_at | 1 | 0.25 | -0.76 | -1.36 | -0.32 | 0.1 | -0.35 | |
| | 0.29 | -0.52 | -0.57 | -0.89 | -0.86 | -1.45 | | | | |
| GENE2715X | 20692_at | 20692_at | 1 | -0.57 | -0.72 | -1.28 | -0.93 | -0.36 | -0.32 | - |
| | 0.36 | -0.36 | -1.43 | -1 | -1.09 | -0.85 | | | | |
| GENE593X | 13700_at | 13700_at | 1 | -1.25 | -1.58 | -2.39 | -1.59 | -0.56 | -0.4 | - |
| | 0.64 | -0.39 | -3.08 | -2.38 | -2.58 | -2.3 | | | | |
| GENE1050X | 15238_at | 15238_at | 1 | -1.14 | -1.14 | -3.35 | -1.97 | -0.62 | -0.03 | - |
| | 0.93 | -0.66 | -3.26 | -2.26 | -2.93 | -2.35 | | | | |

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|-----------|------------|------------|-------|-------|-------|-------|-------|-------|----------|---|
| GENE481X | 13404_at | 13404_at | 1 | -1.44 | -1.56 | -2.33 | -1.04 | -0.57 | -0.2 | - |
| | 0.84 | -0.03 | -2.38 | -1.84 | -2.32 | -1.92 | | | | |
| GENE2071X | 18611_at | 18611_at | 1 | -1.3 | -0.99 | -1.72 | -1.31 | -0.49 | -0.39 | - |
| | 0.48 | -0.47 | -1.91 | -1.36 | -2.13 | -1.77 | | | | |
| GENE663X | 14022_s_at | 14022_s_at | 1 | -1.83 | -1.81 | -2.34 | -2.44 | -1.03 | -0.24 | - |
| | 1.02 | -0.2 | -2.93 | -2.47 | -2.73 | -2.44 | | | | |
| GENE2626X | 20442_i_at | 20442_i_at | 1 | -2.86 | -1.16 | -3.03 | -3.15 | -0.68 | -0.26 | - |
| | 0.72 | -0.42 | -4.38 | -2.99 | -3.93 | -2.99 | | | | |
| GENE2X | 11992_at | 11992_at | 1 | -0.69 | -0.82 | -1.24 | -1.19 | -0.65 | -0.63 | - |
| | 0.53 | -0.07 | -2.04 | -1.93 | -1.47 | -1.47 | | | | |
| GENE2285X | 19359_at | 19359_at | 1 | -0.52 | -0.73 | -1.39 | -1.1 | -0.46 | -0.33 | - |
| | 0.32 | 0.16 | -2.3 | -1.91 | -1.85 | -1.35 | | | | |
| GENE1777X | 17564_s_at | 17564_s_at | 1 | -0.52 | -0.54 | -1.09 | -0.84 | -0.92 | 0.08 | - |
| | 0.57 | -0.01 | -1.5 | -1.61 | -1.38 | -0.8 | | | | |
| GENE941X | 15024_at | 15024_at | 1 | -0.5 | -0.6 | -1.19 | -0.6 | -0.8 | -0.26 | - |
| | 0.74 | -0.25 | -1.93 | -1.74 | -1.43 | -1 | | | | |
| GENE1778X | 17565_s_at | 17565_s_at | 1 | -0.83 | -0.79 | -1.5 | -0.87 | -1.21 | -0.05 | - |
| | 1.29 | -0.43 | -2.51 | -2.53 | -2.53 | -1.79 | | | | |
| GENE99X | 12236_at | 12236_at | 1 | -0.86 | -1.08 | -1.56 | -1.26 | -1.34 | -0.42 | - |
| | 0.93 | 0 | -2.96 | -2.21 | -2.63 | -1.72 | | | | |
| GENE191X | 12532_at | 12532_at | 1 | -1.06 | -0.92 | -1.49 | -1.5 | -0.27 | 0.15 | |
| | 0.18 | 0.23 | -2.28 | -1.9 | -2.16 | -2.09 | | | | |
| GENE1626X | 17048_s_at | 17048_s_at | 1 | -0.41 | -0.46 | -0.75 | -0.46 | -0.25 | 0.1 | - |
| | 0.14 | 0.04 | -1.15 | -0.68 | -1.08 | -0.63 | | | | |
| GENE1378X | 16229_at | 16229_at | 1 | -1.7 | -1.7 | -2.74 | -2.34 | -0.22 | 0.33 | - |
| | 0.67 | 0.07 | -3.07 | -2.55 | -3.98 | -1.94 | | | | |
| GENE1729X | 17438_at | 17438_at | 1 | -0.3 | -0.44 | -1.06 | -0.69 | -0.05 | 0.2 | - |
| | 0.21 | -0.11 | -1.53 | -1.26 | -1.54 | -1.36 | | | | |
| GENE1730X | 17439_g_at | 17439_g_at | 1 | -0.23 | -0.79 | -1.58 | -0.9 | -0.2 | 0.25 | - |
| | 0.57 | 0.13 | -1.7 | -1.57 | -1.9 | -1.57 | | | | |
| GENE80X | 12192_at | 12192_at | 1 | -0.09 | -1.14 | -1.74 | -1.12 | -0.26 | -0.08 | - |
| | 0.29 | 0.02 | -1.84 | -1.5 | -1.61 | -1.32 | | | | |
| GENE2435X | 19900_at | 19900_at | 1 | -0.21 | -0.32 | -1.35 | -0.59 | -0.56 | -0.16 | - |
| | 0.04 | 0.28 | -1.74 | -1.21 | -2.14 | -1.22 | | | | |
| GENE969X | 15087_at | 15087_at | 1 | -0.41 | -0.4 | -0.78 | -0.61 | -0.65 | 0.41 | - |
| | 0.65 | 0.2 | -1.81 | -1.21 | -1.81 | -1.33 | | | | |
| GENE67X | 12166_i_at | 12166_i_at | 1 | -1.06 | -0.82 | -1.2 | -1.52 | -1.19 | 0.46 | - |
| | 1.09 | 0.05 | -2.38 | -1.86 | -2.49 | -2.19 | | | | |
| GENE174X | 12485_at | 12485_at | 1 | -0.51 | -0.29 | -0.7 | -0.74 | -0.29 | 0.03 | - |
| | 0.25 | -0.25 | -1.52 | -0.82 | -1.16 | -0.97 | | | | |
| GENE2315X | 19422_at | 19422_at | 1 | -0.68 | -0.27 | -0.79 | -0.9 | -0.58 | -0.00342 | |
| | -0.44 | -0.21 | -1.36 | -0.82 | -1.82 | -1.33 | | | | |
| GENE1680X | 17286_at | 17286_at | 1 | -0.64 | -0.44 | -1.12 | -1.19 | -0.12 | 0 | - |
| | 0.82 | -0.33 | -2.02 | -1.53 | -2.47 | -1.7 | | | | |
| GENE517X | 13547_at | 13547_at | 1 | -1.85 | -1.27 | -2.68 | -2.08 | -1.1 | -0.6 | - |
| | 2.07 | -1.1 | -4.53 | -3.13 | -5.38 | -3.64 | | | | |
| GENE391X | 13151_g_at | 13151_g_at | 1 | -0.94 | -0.37 | -0.88 | -0.83 | -1.07 | -0.41 | - |
| | 0.99 | -0.39 | -2.19 | -1.4 | -2.12 | -1.9 | | | | |
| GENE390X | 13150_at | 13150_at | 1 | -0.4 | -0.11 | -0.5 | -0.49 | -0.74 | -0.22 | - |
| | 0.7 | -0.27 | -1.64 | -0.99 | -1.71 | -1.52 | | | | |
| GENE1711X | 17393_at | 17393_at | 1 | -0.46 | -0.29 | -0.82 | -0.67 | -0.96 | -0.37 | - |
| | 0.79 | -0.21 | -2.35 | -1.7 | -2.72 | -2.09 | | | | |
| GENE1213X | 15776_at | 15776_at | 1 | -0.32 | -0.29 | -0.34 | -0.77 | -0.31 | -0.27 | - |
| | 0.56 | -0.49 | -1.05 | -1.07 | -1.89 | -1.26 | | | | |
| GENE1178X | 15642_at | 15642_at | 1 | -0.64 | -0.45 | -0.57 | -0.91 | -0.33 | -0.53 | - |
| | 0.79 | -0.22 | -1.23 | -1.27 | -1.93 | -1.8 | | | | |

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|-----------|------------|------------|-------|-------|-------|-------|-------|-------|-------|---|
| GENE2328X | 19452_at | 19452_at | 1 | -0.01 | -0.25 | -0.62 | -0.71 | -0.64 | -0.41 | - |
| | 0.51 | -0.16 | -0.87 | -0.87 | -1.11 | -1.11 | | | | |
| GENE2499X | 20062_at | 20062_at | 1 | -0.17 | -0.27 | -1.05 | -0.65 | -0.4 | -0.33 | - |
| | 0.38 | -0.06 | -0.92 | -0.92 | -1.6 | -1.3 | | | | |
| GENE2407X | 19832_s_at | 19832_s_at | 1 | -0.2 | -0.58 | -1.02 | -0.38 | -0.02 | -0.38 | - |
| | 0.37 | -0.48 | -0.97 | -0.28 | -1.27 | -0.6 | | | | |
| GENE2477X | 20008_at | 20008_at | 1 | -0.27 | -0.51 | -0.77 | -0.4 | -0.08 | -0.32 | - |
| | 0.44 | -0.41 | -0.62 | -0.5 | -1.08 | -0.55 | | | | |
| GENE2251X | 19192_at | 19192_at | 1 | -0.24 | -0.64 | -1 | -0.5 | 0.02 | -0.68 | - |
| | 0.64 | -0.51 | -0.88 | -0.64 | -1.56 | -1.07 | | | | |
| GENE844X | 14665_r_at | 14665_r_at | 1 | -0.22 | -0.45 | -0.86 | -0.24 | -0.03 | -0.5 | - |
| | 0.51 | -0.27 | -1.31 | -0.71 | -1.19 | -1.19 | | | | |
| GENE2342X | 19499_s_at | 19499_s_at | 1 | 0.06 | -0.97 | -1.07 | -0.37 | -0.21 | -0.83 | - |
| | 0.57 | -0.3 | -1.3 | -0.83 | -1.45 | -1.37 | | | | |
| GENE459X | 13286_s_at | 13286_s_at | 1 | -0.61 | -0.59 | -1.36 | -0.61 | -0.65 | -0.5 | - |
| | 0.68 | -0.63 | -1.42 | -0.74 | -2.21 | -2.08 | | | | |
| GENE495X | 13459_at | 13459_at | 1 | -0.61 | -0.94 | -1.57 | -0.84 | -0.58 | -0.07 | - |
| | 1.1 | -1.11 | -1.69 | -1.17 | -3.36 | -2.7 | | | | |
| GENE1225X | 15829_at | 15829_at | 1 | -0.21 | -0.37 | -0.72 | -0.49 | -0.27 | -0.18 | - |
| | 0.36 | -0.2 | -0.41 | -0.39 | -1.04 | -0.6 | | | | |
| GENE2449X | 19932_at | 19932_at | 1 | -0.57 | -0.86 | -1.3 | -0.89 | -0.39 | 0.1 | - |
| | 0.51 | -0.27 | -1.18 | -0.63 | -1.61 | -1.22 | | | | |
| GENE2450X | 19933_g_at | 19933_g_at | 1 | -0.52 | -0.68 | -1.22 | -0.8 | -0.31 | 0.09 | - |
| | 0.36 | -0.12 | -1.1 | -0.79 | -1.67 | -1.22 | | | | |
| GENE2309X | 19402_at | 19402_at | 1 | -0.56 | -0.75 | -1.11 | -0.56 | -0.24 | -0.09 | - |
| | 0.81 | -0.47 | -1.13 | -0.74 | -1.52 | -1.31 | | | | |
| GENE760X | 14480_at | 14480_at | 1 | -0.6 | -0.81 | -1.48 | -0.89 | -0.38 | -0.1 | - |
| | 0.84 | -0.49 | -1.25 | -1.25 | -2.17 | -1.9 | | | | |
| GENE1099X | 15459_s_at | 15459_s_at | 1 | -0.7 | -1.03 | -1.8 | -1.16 | -0.34 | -0.44 | - |
| | 0.93 | -0.46 | -2 | -1.61 | -2.67 | -2.48 | | | | |
| GENE1509X | 16595_s_at | 16595_s_at | 1 | -0.74 | -1.08 | -1.82 | -1.38 | -0.34 | -0.19 | - |
| | 1.1 | -0.77 | -1.89 | -1.78 | -2.48 | -2.17 | | | | |
| GENE722X | 14369_at | 14369_at | 1 | -0.79 | -1.02 | -1.86 | -1.23 | -0.41 | -0.31 | - |
| | 1.06 | -0.64 | -2.19 | -1.65 | -2.58 | -2.06 | | | | |
| GENE1243X | 15880_at | 15880_at | 1 | -0.69 | -1.51 | -2.2 | -0.95 | -0.88 | -0.06 | - |
| | 0.88 | -2 | -2.26 | -1.12 | -2.26 | -2.26 | | | | |
| GENE288X | 12813_at | 12813_at | 1 | -0.4 | -0.29 | -0.65 | -0.45 | -0.5 | 0.21 | - |
| | 0.44 | -0.38 | -1.09 | -0.83 | -1.12 | -0.82 | | | | |
| GENE572X | 13644_at | 13644_at | 1 | -0.53 | -0.48 | -1.03 | -0.86 | -0.44 | 0.15 | - |
| | 0.5 | -0.72 | -1.25 | -1.21 | -1.68 | -1.81 | | | | |
| GENE887X | 14843_at | 14843_at | 1 | -0.7 | -0.84 | -1.05 | -1.37 | -0.89 | -0.05 | - |
| | 0.72 | -0.84 | -1.34 | -1.07 | -1.98 | -1.47 | | | | |
| GENE662X | 14021_r_at | 14021_r_at | 1 | -1.17 | -1.39 | -1.49 | -1.32 | -0.71 | -0.2 | - |
| | 1.13 | -0.57 | -2.15 | -1.65 | -2.46 | -1.94 | | | | |
| GENE661X | 14020_i_at | 14020_i_at | 1 | -1.29 | -1.33 | -1.57 | -1.54 | -0.84 | -0.38 | - |
| | 1.15 | -0.43 | -2.51 | -1.89 | -2.98 | -2.33 | | | | |
| GENE2539X | 20197_at | 20197_at | 1 | -1.42 | -1.11 | -1.96 | -2.19 | -1.03 | -0.49 | - |
| | 1.49 | -0.66 | -2.35 | -1.45 | -2.74 | -2.46 | | | | |
| GENE1086X | 15422_at | 15422_at | 1 | -1.54 | -1.13 | -1.87 | -2.47 | -0.82 | -0.28 | - |
| | 1.14 | -0.89 | -2.83 | -2.17 | -3.27 | -2.81 | | | | |
| GENE762X | 14482_at | 14482_at | 1 | 0.1 | -0.58 | -0.93 | -0.32 | -0.55 | -0.41 | - |
| | 0.46 | -0.86 | -1.34 | -0.66 | -1.15 | -0.71 | | | | |
| GENE337X | 13023_at | 13023_at | 1 | 0.32 | -1.01 | -1.44 | -0.41 | -0.68 | -0.17 | - |
| | 1.23 | -0.96 | -2.72 | -0.86 | -1.88 | -1.66 | | | | |
| GENE2393X | 19734_at | 19734_at | 1 | 0.16 | -0.68 | -0.77 | -0.14 | -0.84 | -0.26 | - |
| | 0.67 | -0.41 | -1.45 | -0.84 | -1.06 | -1 | | | | |

| | | | | | | | | | | |
|-----------|------------|------------|-------|-------|-------|-------|-------|-------|-------|---|
| GENE1536X | 16674_at | 16674_at | 1 | 0.18 | -0.83 | -1.02 | -0.28 | -0.58 | 0.14 | - |
| | 0.35 | -0.2 | -0.94 | -0.76 | -0.82 | -0.79 | | | | |
| GENE1630X | 17053_at | 17053_at | 1 | 0.3 | -0.54 | -1.09 | -0.43 | -0.5 | -0.14 | - |
| | 0.8 | -0.27 | -1.02 | -1.21 | -1.13 | -1.01 | | | | |
| GENE502X | 13508_s_at | 13508_s_at | 1 | 0.23 | -1.13 | -1.2 | -0.93 | -1.13 | -0.32 | - |
| | 1.2 | -0.33 | -1.51 | -1.3 | -1.71 | -1.39 | | | | |
| GENE2113X | 18689_s_at | 18689_s_at | 1 | -0.14 | -1 | -0.94 | -0.28 | -0.57 | -0.18 | - |
| | 0.75 | -0.3 | -1.23 | -1.2 | -1.51 | -1.53 | | | | |
| GENE555X | 13613_at | 13613_at | 1 | 0.11 | -0.65 | -0.95 | -0.63 | -0.22 | 0.1 | - |
| | 0.53 | -0.12 | -1.46 | -1.2 | -1.02 | -1.17 | | | | |
| GENE1793X | 17592_at | 17592_at | 1 | 0.02 | -0.69 | -1.1 | -0.5 | -0.08 | -0.09 | - |
| | 0.41 | 0.08 | -1.59 | -1.4 | -1.21 | -1.19 | | | | |
| GENE1665X | 17183_s_at | 17183_s_at | 1 | 0.19 | -0.64 | -0.84 | -0.28 | -0.28 | 0.11 | - |
| | 0.69 | -0.06 | -1.36 | -1.16 | -1.33 | -0.89 | | | | |
| GENE979X | 15100_f_at | 15100_f_at | 1 | 0.06 | -1.43 | -1.67 | -0.46 | -0.48 | 0.09 | - |
| | 1.07 | -0.05 | -2.12 | -2.17 | -1.86 | -2.01 | | | | |
| GENE1120X | 15511_s_at | 15511_s_at | 1 | 0.25 | -0.53 | -1.62 | -1.03 | -0.11 | -0.55 | - |
| | 0.83 | -0.41 | -1.72 | -1.4 | -1.58 | -1.49 | | | | |
| GENE2702X | 20648_at | 20648_at | 1 | 0 | -0.45 | -0.92 | -0.48 | -0.23 | -0.36 | - |
| | 0.32 | -0.01 | -1.17 | -0.87 | -1.26 | -0.77 | | | | |
| GENE2152X | 18831_at | 18831_at | 1 | -0.24 | -0.75 | -1.34 | -0.75 | -0.54 | -0.19 | - |
| | 0.59 | -0.56 | -1.73 | -1.46 | -1.67 | -1.46 | | | | |
| GENE1267X | 15932_at | 15932_at | 1 | -0.27 | -1.03 | -1.61 | -0.93 | -0.54 | -0.32 | - |
| | 0.69 | -0.3 | -2.15 | -1.83 | -1.76 | -1.84 | | | | |
| GENE2362X | 19627_s_at | 19627_s_at | 1 | -0.24 | -0.94 | -1.71 | -0.91 | -0.5 | -0.42 | - |
| | 0.92 | -0.66 | -2.6 | -2.42 | -2.2 | -2.07 | | | | |
| GENE2361X | 19626_i_at | 19626_i_at | 1 | -0.03 | -0.82 | -1.82 | -0.82 | -0.44 | -0.16 | - |
| | 0.73 | -0.67 | -2.37 | -2.24 | -2.32 | -1.86 | | | | |
| GENE2209X | 18994_at | 18994_at | 1 | -0.21 | -0.96 | -1.83 | -0.87 | -0.56 | -0.33 | - |
| | 0.88 | -0.53 | -3.11 | -2.15 | -2.67 | -2.45 | | | | |
| GENE42X | 12102_at | 12102_at | 1 | 0.23 | -0.24 | -1.07 | -0.18 | -0.2 | -0.62 | - |
| | 0.55 | -0.38 | -1.57 | -1.31 | -1.42 | -1.15 | | | | |
| GENE1404X | 16322_at | 16322_at | 1 | 0 | -1.05 | -3.53 | -0.95 | -0.83 | -1.42 | - |
| | 1.14 | -1.28 | -3.56 | -3.56 | -3.08 | -3.35 | | | | |
| GENE1949X | 18215_at | 18215_at | 1 | -1.13 | -0.71 | -2.09 | -1.8 | -0.35 | -0.27 | - |
| | 0.98 | -0.44 | -3.2 | -3.2 | -2.57 | -2.65 | | | | |
| GENE1616X | 17018_s_at | 17018_s_at | 1 | -0.81 | -0.99 | -2.5 | -1.74 | -0.39 | -0.26 | - |
| | 0.96 | -0.63 | -3.4 | -2.65 | -3.05 | -2.7 | | | | |
| GENE1073X | 15380_at | 15380_at | 1 | -0.49 | -1 | -1.49 | -1.14 | -0.16 | -0.41 | - |
| | 0.62 | -0.62 | -2.58 | -2.36 | -2.04 | -2.2 | | | | |
| GENE547X | 13596_at | 13596_at | 1 | -0.28 | -0.45 | -1.35 | -0.93 | 0 | -0.36 | - |
| | 0.22 | -0.41 | -2.27 | -2.07 | -2.04 | -2.09 | | | | |
| GENE242X | 12727_f_at | 12727_f_at | 1 | -0.76 | -0.64 | -2.37 | -1.56 | -0.61 | -0.61 | - |
| | 0.7 | -1.32 | -4.15 | -3.01 | -3.43 | -3.7 | | | | |
| GENE1153X | 15595_s_at | 15595_s_at | 1 | -0.54 | -0.45 | -0.82 | -0.49 | -0.12 | -0.47 | - |
| | 0.45 | -0.44 | -1.41 | -1.29 | -1.53 | -1.36 | | | | |
| GENE62X | 12155_at | 12155_at | 1 | -0.41 | -1.43 | -2.47 | -1.15 | -0.05 | 0 | - |
| | 0.97 | -0.89 | -3.9 | -2.64 | -3.1 | -3.52 | | | | |
| GENE656X | 14014_at | 14014_at | 1 | -0.3 | -0.82 | -1.37 | -0.8 | -0.33 | 0.38 | - |
| | 0.66 | -0.51 | -2.44 | -1.48 | -2.51 | -1.87 | | | | |
| GENE1X | 11991_g_at | 11991_g_at | 1 | -0.05 | -0.85 | -1.43 | -0.85 | -0.27 | 0.14 | - |
| | 0.66 | -0.23 | -1.38 | -1.35 | -1.79 | -1.66 | | | | |
| GENE399X | 13161_at | 13161_at | 1 | -0.49 | -0.94 | -1.69 | -1.27 | -0.17 | 0.18 | - |
| | 0.91 | -0.47 | -2.18 | -1.89 | -2.7 | -2.3 | | | | |
| GENE736X | 14416_at | 14416_at | 1 | -0.52 | -0.95 | -1.8 | -0.73 | -0.35 | -0.03 | - |
| | 1.14 | -0.3 | -2.23 | -1.62 | -2.61 | -2.17 | | | | |

| | | | | | | | | | | |
|-----------|------------|------------|-------|-------|-------|-------|-------|-------|-------|---|
| GENE973X | 15092_at | 15092_at | 1 | -0.57 | -1.54 | -2.02 | -1.19 | -0.22 | -0.1 | - |
| | 1.39 | -0.77 | -2.61 | -1.87 | -2.68 | -2.85 | | | | |
| GENE2710X | 20684_at | 20684_at | 1 | -0.18 | -0.73 | -1.39 | -0.73 | -0.39 | 0.04 | - |
| | 0.73 | -0.63 | -1.61 | -1.33 | -1.73 | -1.66 | | | | |
| GENE1343X | 16110_s_at | 16110_s_at | 1 | -0.34 | -0.74 | -1.57 | -0.88 | -0.11 | 0.12 | - |
| | 0.62 | -0.74 | -1.89 | -1.49 | -2 | -1.6 | | | | |
| GENE1955X | 18223_at | 18223_at | 1 | -0.26 | -0.45 | -0.76 | -0.39 | 0.02 | 0 | - |
| | 0.54 | -0.64 | -1.08 | -0.85 | -1.17 | -1.16 | | | | |
| GENE2008X | 18331_s_at | 18331_s_at | 1 | -0.36 | -1.33 | -1.82 | -0.7 | -0.17 | -0.2 | - |
| | 0.88 | -0.74 | -1.88 | -1.8 | -2.44 | -2.16 | | | | |
| GENE1390X | 16286_at | 16286_at | 1 | -0.64 | -1.51 | -1.96 | -1.01 | -0.2 | -0.04 | - |
| | 1.16 | -1.16 | -2.26 | -2.06 | -3.23 | -2.16 | | | | |
| GENE447X | 13262_s_at | 13262_s_at | 1 | 0 | -0.6 | -0.77 | -0.57 | -0.36 | -0.6 | |
| | 0.07 | -0.17 | -1.2 | -0.69 | -1 | -0.76 | | | | |
| GENE2151X | 18829_at | 18829_at | 1 | -0.11 | -0.24 | -0.88 | -0.72 | 0.12 | -0.52 | - |
| | 0.25 | -0.01 | -0.98 | -0.68 | -1.31 | -1.07 | | | | |
| GENE2154X | 18835_at | 18835_at | 1 | -0.01 | -0.31 | -1.33 | -1 | -0.27 | -1.15 | - |
| | 0.45 | -0.65 | -1.23 | -1.41 | -1.45 | -1.65 | | | | |
| GENE479X | 13382_at | 13382_at | 1 | -0.11 | -0.2 | -0.64 | -0.71 | 0 | -0.57 | - |
| | 0.33 | -0.26 | -1.24 | -1.11 | -0.67 | -1.12 | | | | |
| GENE331X | 13011_at | 13011_at | 1 | -0.09 | -0.59 | -1.32 | -1.18 | -0.41 | -0.86 | - |
| | 1.13 | -0.77 | -3 | -2.46 | -1.64 | -2.27 | | | | |
| GENE787X | 14533_i_at | 14533_i_at | 1 | -0.33 | -0.79 | -1.52 | -0.76 | -0.05 | -0.95 | - |
| | 0.94 | -0.84 | -2.05 | -1.27 | -1.17 | -1.75 | | | | |
| GENE1754X | 17499_s_at | 17499_s_at | 1 | -0.13 | 0.66 | 0.45 | 0.71 | -0.66 | -0.39 | - |
| | 0.56 | -0.85 | -0.58 | -0.19 | -1.08 | -0.51 | | | | |
| GENE1555X | 16761_at | 16761_at | 1 | 0.5 | 1.62 | 1.41 | 0.87 | -0.47 | -0.29 | - |
| | 1.29 | -1.45 | -0.03 | 0.24 | -1.58 | -1.23 | | | | |
| GENE1707X | 17386_at | 17386_at | 1 | 0.66 | 0.44 | 1.29 | 0.18 | -0.89 | -1.95 | - |
| | 1.59 | -2.17 | -0.39 | -1.04 | -1.61 | -1.25 | | | | |
| GENE1405X | 16323_at | 16323_at | 1 | -0.07 | 0.78 | 0.66 | 0.17 | -0.27 | -0.7 | - |
| | 0.67 | -1.15 | -0.24 | -0.12 | -1.12 | -1.07 | | | | |
| GENE485X | 13432_at | 13432_at | 1 | -0.03 | 1.3 | 0.91 | 0.28 | -0.24 | -1.24 | - |
| | 1.09 | -1.54 | -0.29 | -0.22 | -1.42 | -1.1 | | | | |
| GENE2386X | 19696_at | 19696_at | 1 | 0.48 | 1.16 | 1.02 | 0.81 | 0.06 | -2.13 | - |
| | 1.37 | -2.37 | -0.55 | -1.65 | -2.11 | -2.37 | | | | |
| GENE2550X | 20232_s_at | 20232_s_at | 1 | 0.5 | 1.07 | 0.3 | 0.54 | -0.41 | -1.82 | - |
| | 1.45 | -1.87 | -0.8 | -0.88 | -2.55 | -2.37 | | | | |
| GENE531X | 13562_at | 13562_at | 1 | 0.37 | 0.63 | 0.61 | 0.12 | -0.55 | -1.07 | - |
| | 1.56 | -2.1 | -0.79 | -0.87 | -1.31 | -1.92 | | | | |
| GENE197X | 12540_at | 12540_at | 1 | 0.13 | 0.95 | 0.58 | -0.2 | -0.86 | -1.36 | - |
| | 0.77 | -1.63 | -1.06 | -0.6 | -1.63 | -2.07 | | | | |
| GENE2703X | 20649_at | 20649_at | 1 | 0.19 | 0.28 | 0.13 | -0.18 | -0.27 | -0.14 | - |
| | 0.71 | -1.19 | -0.31 | -0.14 | -1.24 | -1.24 | | | | |
| GENE2571X | 20282_at | 20282_at | 1 | 0.21 | 0.63 | 0.47 | -0.29 | -0.19 | -0.44 | - |
| | 1.2 | -1.5 | -0.62 | -0.81 | -1.76 | -1.61 | | | | |
| GENE2006X | 18328_at | 18328_at | 1 | 0.66 | 1.32 | 0.98 | 0.28 | 0.56 | -0.71 | - |
| | 1.61 | -3.08 | -0.79 | -1.3 | -2.58 | -2.97 | | | | |
| GENE47X | 12118_at | 12118_at | 1 | 0.26 | 0.47 | 0.96 | 0.81 | -0.43 | -0.76 | - |
| | 2.39 | -1.06 | -1.01 | -0.78 | -2.95 | -3.17 | | | | |
| GENE1344X | 16113_s_at | 16113_s_at | 1 | 0.67 | 1.26 | 1.37 | 0 | -0.67 | -0.67 | - |
| | 3.63 | -1.49 | -0.67 | -0.67 | -3.63 | -2.63 | | | | |
| GENE1635X | 17068_at | 17068_at | 1 | -0.95 | 1.17 | 0.8 | -0.04 | -0.61 | -1.06 | - |
| | 0.85 | -0.4 | -0.67 | -0.35 | -1.27 | -1.67 | | | | |
| GENE1091X | 15443_at | 15443_at | 1 | 0.05 | -0.1 | 0.23 | 0.32 | 0 | -0.28 | - |
| | 0.49 | -0.26 | 0.19 | 0.36 | -0.97 | -1.23 | | | | |

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|-----------|------------|------------|-------|---------|-------|----------|-------|-------|-------|---|
| GENE598X | 13782_at | 13782_at | 1 | -0.05 | -0.26 | 0.5 | 1 | 0.31 | -0.21 | - |
| | 0.02 | -0.67 | -0.16 | -0.07 | -1.14 | -1.19 | | | | |
| GENE44X | 12107_i_at | 12107_i_at | 1 | 0.31 | 0.43 | 0.02 | 0 | 0.09 | -0.36 | - |
| | 0.13 | -0.64 | -0.24 | 0.24 | -0.59 | -1.07 | | | | |
| GENE2383X | 19674_s_at | 19674_s_at | 1 | 0.49 | 0.93 | 0.38 | 0.03 | -0.1 | -0.52 | - |
| | 0.66 | -1.08 | -0.04 | -0.05 | -0.69 | -1.4 | | | | |
| GENE118X | 12299_at | 12299_at | 1 | 0.59 | 1 | 0.73 | 0.55 | 0.45 | -1.12 | |
| | 0.07 | -1.78 | 0.04 | -1.05 | -0.81 | -2.25 | | | | |
| GENE499X | 13485_at | 13485_at | 1 | 0.21 | 0.11 | 0.09 | -0.23 | -0.35 | -1.1 | - |
| | 0.3 | -0.41 | -0.52 | -0.02 | -0.82 | -1.33 | | | | |
| GENE789X | 14538_r_at | 14538_r_at | 1 | 0.35 | -0.11 | -0.09 | -0.22 | -0.28 | -0.91 | - |
| | 0.61 | -0.91 | -0.95 | -0.91 | -0.59 | -1.91 | | | | |
| GENE461X | 13292_at | 13292_at | 1 | 0.08 | -0.34 | -1.04 | -0.46 | -0.21 | -1.54 | - |
| | 0.86 | -2.25 | -0.84 | -1.09 | -1.86 | -2.71 | | | | |
| GENE2166X | 18896_at | 18896_at | 1 | -0.05 | -0.46 | 0.84 | 2.16 | -1.04 | -0.75 | - |
| | 0.87 | -0.32 | -1.04 | -1.21 | -0.95 | -0.47 | | | | |
| GENE17X | 12027_at | 12027_at | 1 | 1.43 | -0.62 | -0.07 | 1.29 | -0.34 | -0.16 | - |
| | 0.54 | 0.07 | -1.24 | -0.92 | -0.66 | -1.24 | | | | |
| GENE292X | 12821_at | 12821_at | 1 | 1.53 | -0.73 | 0.48 | 1.7 | 0.35 | -0.6 | - |
| | 0.19 | 0.66 | -0.35 | -0.54 | -1.26 | -0.67 | | | | |
| GENE1838X | 17878_at | 17878_at | 1 | 0.61 | 0.08 | 0.09 | 0.7 | -0.07 | -0.36 | - |
| | 0.96 | -0.98 | -0.41 | -0.32 | -0.78 | -1.13 | | | | |
| GENE1492X | 16541_s_at | 16541_s_at | 1 | 0.84 | 0.27 | 0.09 | 0.74 | 0.02 | -0.51 | - |
| | 0.88 | -1.13 | -0.07 | -0.24 | -1.09 | -0.99 | | | | |
| GENE2468X | 19984_at | 19984_at | 1 | 0.54 | 0.25 | 0.11 | 0.37 | -0.19 | -0.13 | - |
| | 0.73 | -0.87 | -0.54 | -0.32 | -1.23 | -0.85 | | | | |
| GENE1747X | 17480_at | 17480_at | 1 | 0.7 | 0.01 | 0.19 | 1.1 | 0.08 | -0.98 | - |
| | 0.8 | -0.97 | -0.39 | -0.98 | -1.77 | -1.86 | | | | |
| GENE2602X | 20372_at | 20372_at | 1 | 1.23 | 1.02 | 1.69 | 3.1 | -0.69 | -1.8 | - |
| | 3.68 | -2.43 | -1.72 | -2.07 | -3.36 | -3.51 | | | | |
| GENE1911X | 18048_at | 18048_at | 1 | 0.66 | 0.73 | 0.5 | 0.72 | -0.19 | 0.24 | - |
| | 1.12 | -0.28 | -0.46 | -1.01 | -0.85 | -0.68 | | | | |
| GENE4X | 11995_at | 11995_at | 1 | 1.41 | 0.6 | 0.25 | 0.81 | -0.04 | 0.24 | - |
| | 0.83 | -0.14 | -0.54 | -0.54 | -1.11 | -0.89 | | | | |
| GENE2692X | 20629_at | 20629_at | 1 | 1 | 0.52 | 0.26 | 0.73 | 0.14 | 0.17 | - |
| | 0.36 | -0.51 | -0.19 | -0.67 | -1.11 | -0.64 | | | | |
| GENE2620X | 20429_at | 20429_at | 1 | 0.87 | 1.04 | 0.43 | 0.91 | -0.37 | -0.28 | - |
| | 0.64 | -0.63 | -1.18 | -0.6 | -1.68 | -1.13 | | | | |
| GENE111X | 12270_at | 12270_at | 1 | 1.13 | 0.8 | 0.67 | 1.88 | -0.41 | -1.12 | - |
| | 1.17 | -1.36 | -2 | -1.41 | -1.84 | -1.36 | | | | |
| GENE2678X | 20594_at | 20594_at | 1 | 1.67 | 0.52 | -0.09 | 0.95 | -0.16 | 0.4 | - |
| | 0.9 | -1.32 | -2.48 | -1.1 | -2.32 | -1.32 | | | | |
| GENE2180X | 18937_at | 18937_at | 1 | 0.27 | 0.29 | 0.25 | 0.39 | 0.01 | -0.07 | |
| | 0.26 | 0.61 | -1.03 | -1.07 | -0.67 | -0.53 | | | | |
| GENE186X | 12523_at | 12523_at | 1 | 1.37 | 0.55 | 0.35 | 0.97 | -0.06 | 0.8 | |
| | 0.39 | 0.99 | -2.22 | -1.99 | -1.63 | -2.23 | | | | |
| GENE841X | 14662_f_at | 14662_f_at | 1 | 0.02 | 0.05 | -0.00972 | | -0.05 | 0.07 | |
| | 0.17 | 0.42 | 0.37 | -0.82 | -1.22 | -0.78 | -0.89 | | | |
| GENE1273X | 15962_at | 15962_at | 1 | 0.00265 | | 0.27 | 0.12 | -0.38 | -0.05 | |
| | 0.31 | 0.4 | 0.51 | -0.78 | -0.93 | -0.62 | -1.12 | | | |
| GENE1282X | 15989_at | 15989_at | 1 | -0.18 | 0.06 | -0.06 | -0.17 | 0.32 | 0.73 | |
| | 0.38 | 0.52 | -1.06 | -1.19 | -1.12 | -1.83 | | | | |
| GENE2420X | 19867_at | 19867_at | 1 | -0.05 | -0.15 | -0.73 | -0.56 | -0.01 | 1.22 | |
| | 0.11 | 0.9 | -1.85 | -1.77 | -1.35 | -1.22 | | | | |
| GENE639X | 13949_at | 13949_at | 1 | 0.61 | 0 | -1.1 | -0.44 | -0.9 | 1.36 | - |
| | 0.16 | 1.19 | -3.6 | -1.73 | -2 | -1.73 | | | | |

| | | | | | | | | | | | |
|-----------|------------|------------|-------|-------|-------|-------|----------|-------|--------|---|--|
| GENE1513X | 16605_s_at | 16605_s_at | 1 | 0.21 | 0.87 | 0.11 | -0.05 | -0.23 | 1.17 | | |
| | 0.49 | 2.19 | -2.15 | -1.15 | -2.13 | -1.45 | | | | | |
| GENE1185X | 15659_at | 15659_at | 1 | 0.07 | 0.17 | 0.17 | 0.21 | -0.13 | -0.16 | - | |
| | 0.13 | 0.07 | -0.78 | -1 | -0.94 | -0.56 | | | | | |
| GENE423X | 13213_s_at | 13213_s_at | 1 | 0.15 | 0.16 | 0.11 | 0.17 | -0.15 | -0.21 | | |
| | 0.01 | 0.32 | -1.02 | -1.12 | -1.03 | -0.72 | | | | | |
| GENE1930X | 18090_s_at | 18090_s_at | 1 | 0.23 | 0.29 | 0.27 | 0.3 | -0.15 | -0.16 | - | |
| | 0.22 | -0.01 | -0.84 | -0.74 | -1.03 | -0.71 | | | | | |
| GENE980X | 15102_s_at | 15102_s_at | 1 | 0.2 | 0.13 | 0.07 | 0.23 | -0.24 | -0.12 | - | |
| | 0.37 | 0.05 | -0.86 | -1.16 | -1.49 | -0.97 | | | | | |
| GENE1972X | 18264_at | 18264_at | 1 | 0.14 | 0.09 | -0.24 | -0.1 | -0.38 | -0.23 | - | |
| | 0.06 | 0.14 | -1 | -0.79 | -1.09 | -0.8 | | | | | |
| GENE1289X | 16004_s_at | 16004_s_at | 1 | -0.08 | 0.2 | -0.08 | 0.01 | -0.28 | -0.43 | - | |
| | 0.11 | 0.33 | -1.12 | -1.12 | -1.17 | -0.79 | | | | | |
| GENE1020X | 15170_s_at | 15170_s_at | 1 | 0.09 | 0.17 | 0.05 | 0.08 | 0.03 | 0.0018 | | |
| | 0.2 | 0.7 | -1.33 | -1.13 | -1.98 | -1.5 | | | | | |
| GENE1657X | 17115_s_at | 17115_s_at | 1 | 0.57 | 0.24 | -0.18 | 0.49 | -0.05 | -0.37 | - | |
| | 0.36 | 0.07 | -1.26 | -0.72 | -0.92 | -1.62 | | | | | |
| GENE255X | 12756_s_at | 12756_s_at | 1 | 0.52 | 0.35 | 0.14 | -0.00655 | | -0.14 | - | |
| | 0.08 | -0.28 | 0.02 | -1.31 | -1.37 | -1.14 | -1.3 | | | | |
| GENE2691X | 20628_at | 20628_at | 1 | 1.04 | 0.52 | -0.17 | 0.42 | -0.37 | -0.1 | - | |
| | 0.31 | -0.19 | -1.89 | -1.72 | -1.65 | -1.57 | | | | | |
| GENE217X | 12610_at | 12610_at | 1 | 0.97 | 0.64 | 0.16 | 0.28 | -0.19 | 0.36 | | |
| | 0.06 | 0.01 | -1.71 | -1.28 | -2.09 | -1.84 | | | | | |
| GENE2106X | 18680_s_at | 18680_s_at | 1 | 0.06 | 0.27 | -0.12 | 0.42 | -0.21 | 0.13 | - | |
| | 0.14 | 0.28 | -0.54 | -0.79 | -0.81 | -1.66 | | | | | |
| GENE2044X | 18549_s_at | 18549_s_at | 1 | 0.38 | -0.09 | -0.4 | 0.16 | -0.56 | 0.66 | - | |
| | 0.59 | -0.07 | -0.83 | -1.5 | -1.12 | -1.71 | | | | | |
| GENE1925X | 18085_r_at | 18085_r_at | 1 | -0.13 | 0.32 | 0.09 | 0.06 | -0.59 | -0.07 | - | |
| | 0.02 | -0.18 | -1.06 | -1.03 | -0.6 | -0.78 | | | | | |
| GENE1921X | 18077_at | 18077_at | 1 | 0.08 | 0.11 | 0.14 | 0.05 | -0.7 | -0.5 | - | |
| | 0.22 | -0.28 | -1.19 | -0.98 | -0.81 | -0.85 | | | | | |
| GENE1594X | 16957_at | 16957_at | 1 | 0.39 | 0.28 | 0.12 | 0.14 | -0.18 | -0.33 | - | |
| | 0.27 | -0.56 | -1.14 | -0.85 | -1.1 | -1.01 | | | | | |
| GENE984X | 15108_s_at | 15108_s_at | 1 | 0.16 | 0.56 | 0.61 | 0.37 | -0.23 | -0.28 | - | |
| | 0.46 | -0.33 | -1.39 | -1.35 | -1.29 | -1.34 | | | | | |
| GENE1888X | 17996_at | 17996_at | 1 | 0.1 | 0.54 | 0.54 | 0.17 | -0.35 | -0.14 | - | |
| | 0.76 | -0.72 | -1.18 | -1.23 | -1.29 | -1.22 | | | | | |
| GENE1465X | 16488_at | 16488_at | 1 | 0.45 | 1.13 | 1.04 | 0.3 | -0.07 | -0.55 | - | |
| | 0.68 | -0.5 | -1.4 | -2.09 | -1.43 | -1.72 | | | | | |
| GENE1232X | 15845_at | 15845_at | 1 | 0.47 | 0.32 | 0.06 | 0.26 | -0.85 | 0.32 | - | |
| | 0.48 | 0.04 | -0.92 | -0.27 | -1.02 | -0.48 | | | | | |
| GENE289X | 12815_at | 12815_at | 1 | -0.52 | -0.33 | -0.67 | -0.67 | -0.29 | -1.09 | - | |
| | 0.63 | -0.32 | -1.49 | -1.88 | -0.37 | -0.32 | | | | | |
| GENE1687X | 17319_at | 17319_at | 1 | -0.21 | -0.08 | -0.5 | -1.02 | -0.11 | -0.71 | - | |
| | 0.19 | -0.44 | -1.21 | -1.21 | -0.38 | 0.05 | | | | | |
| GENE790X | 14539_s_at | 14539_s_at | 1 | 0.01 | -0.76 | -0.65 | -0.51 | -0.22 | -1 | - | |
| | 0.58 | -0.58 | -1.16 | -0.96 | -0.58 | -0.66 | | | | | |
| GENE1728X | 17433_at | 17433_at | 1 | -0.12 | -0.69 | -1.04 | -0.83 | -0.09 | -0.82 | - | |
| | 0.88 | -0.72 | -1.3 | -1.64 | -0.68 | -0.71 | | | | | |
| GENE400X | 13162_at | 13162_at | 1 | -0.1 | -1.16 | -1.34 | -0.94 | 0.08 | -0.83 | - | |
| | 0.7 | -0.58 | -1.64 | -1.55 | -0.92 | -0.78 | | | | | |
| GENE2047X | 18560_at | 18560_at | 1 | -0.04 | -0.76 | -0.81 | -0.07 | -0.05 | -1.11 | - | |
| | 0.47 | -0.6 | -1.66 | -2.02 | -0.91 | -0.54 | | | | | |
| GENE1460X | 16482_s_at | 16482_s_at | 1 | 0.25 | -0.21 | -0.64 | -0.44 | 0.03 | -0.81 | - | |
| | 0.23 | -0.15 | -1.3 | -1.09 | -0.51 | -0.55 | | | | | |

| | | | | | | | | | | |
|-----------|------------|------------|-------|----------|-------|---------|-------|-------|-------|---|
| GENE1881X | 17973_s_at | 17973_s_at | 1 | -0.23 | -0.92 | -0.92 | -0.51 | -0.75 | -0.3 | - |
| | 0.29 | -1.1 | -1.93 | -1.58 | -0.61 | -0.61 | | | | |
| GENE2100X | 18670_g_at | 18670_g_at | 1 | -0.00521 | | -0.43 | -0.73 | -0.39 | -0.75 | - |
| | 1.41 | -0.47 | -1.23 | -2.07 | -1.79 | -0.55 | -0.44 | | | |
| GENE1865X | 17936_s_at | 17936_s_at | 1 | -0.29 | -0.56 | -0.94 | -0.46 | -0.96 | -1.48 | - |
| | 0.34 | -1.06 | -2.21 | -2.05 | -0.83 | -0.3 | | | | |
| GENE2099X | 18669_at | 18669_at | 1 | 0.09 | -0.08 | -0.19 | -0.16 | -0.28 | -0.77 | - |
| | 0.14 | -1.07 | -1.24 | -1.13 | -0.13 | -0.34 | | | | |
| GENE1256X | 15909_at | 15909_at | 1 | 0.28 | 0.02 | -0.45 | -0.14 | -0.55 | -0.97 | |
| | 0.11 | -0.05 | -1.35 | -1.17 | -0.73 | -0.75 | | | | |
| GENE2377X | 19660_at | 19660_at | 1 | 0.54 | -0.7 | -1.58 | -0.02 | -1.57 | -2.05 | - |
| | 0.73 | -1.73 | -4.2 | -3.41 | -1.32 | -2.58 | | | | |
| GENE1485X | 16529_at | 16529_at | 1 | 0.3 | -0.44 | -0.8 | -0.55 | -0.95 | -1.09 | - |
| | 0.63 | -0.89 | -1.22 | -1.22 | -0.78 | -0.78 | | | | |
| GENE215X | 12608_i_at | 12608_i_at | 1 | 0.33 | -0.17 | -1.34 | -0.57 | -1.71 | -1.84 | - |
| | 1.13 | -1.13 | -2.84 | -2.84 | -1.13 | -1.13 | | | | |
| GENE2308X | 19398_at | 19398_at | 1 | 0.4 | 0.02 | -0.3 | -0.24 | -1.35 | -1.63 | - |
| | 0.7 | -1.27 | -1.42 | -1.42 | -1.18 | -0.64 | | | | |
| GENE665X | 14028_at | 14028_at | 1 | 0.28 | -0.3 | -0.1 | -0.08 | -0.96 | -1.62 | - |
| | 0.95 | 0.72 | -1.62 | -1.85 | -0.48 | -1.04 | | | | |
| GENE2425X | 19880_at | 19880_at | 1 | 0.6 | 0.1 | -0.16 | -0.11 | -1.35 | -2.3 | - |
| | 1.38 | -0.69 | -2.78 | -2.93 | -1 | -1 | | | | |
| GENE1032X | 15194_s_at | 15194_s_at | 1 | 0.36 | -0.02 | -0.22 | 0.23 | 0.21 | -0.01 | - |
| | 0.03 | 0.04 | -0.73 | -1.18 | -0.46 | -0.91 | | | | |
| GENE361X | 13103_at | 13103_at | 1 | 0.53 | 0.62 | 0.3 | 0.07 | 1.03 | -0.06 | - |
| | 0.46 | -0.57 | -2.16 | -1.34 | -0.89 | -1.54 | | | | |
| GENE1007X | 15142_at | 15142_at | 1 | -0.07 | -0.18 | -0.2 | -0.28 | 0.08 | 0.01 | - |
| | 0.65 | -0.48 | -1.34 | -0.9 | -0.19 | -0.44 | | | | |
| GENE527X | 13558_s_at | 13558_s_at | 1 | 0.28 | -0.02 | 0.00608 | | -0.3 | -0.08 | - |
| | 0.09 | -0.42 | -0.9 | -1.14 | -0.89 | 0.01 | -0.79 | | | |
| GENE526X | 13557_r_at | 13557_r_at | 1 | 0.57 | 0.13 | -0.01 | -0.01 | -0.01 | -0.13 | - |
| | 0.73 | -0.95 | -0.95 | -1.23 | -0.64 | -1.09 | | | | |
| GENE2053X | 18576_s_at | 18576_s_at | 1 | 0.05 | -0.18 | 0.12 | -0.66 | -0.42 | 0.2 | - |
| | 0.89 | -0.26 | -0.39 | -1.09 | -0.89 | -1.36 | | | | |
| GENE1883X | 17978_s_at | 17978_s_at | 1 | -0.02 | 0.3 | 0.3 | -0.17 | -0.23 | 1.15 | - |
| | 1.05 | -0.15 | -0.72 | -1.34 | -2.09 | -1.8 | | | | |
| GENE532X | 13563_at | 13563_at | 1 | 0.2 | -0.11 | 0 | 0.12 | -0.04 | 0.04 | - |
| | 0.25 | -0.49 | -0.46 | -0.46 | -0.91 | -1.07 | | | | |
| GENE826X | 14623_g_at | 14623_g_at | 1 | 0.65 | -0.21 | -0.33 | 0.12 | 0.19 | -0.07 | - |
| | 0.84 | -1 | -0.71 | -1.27 | -1.48 | -2.22 | | | | |
| GENE1251X | 15898_at | 15898_at | 1 | 0.01 | 0.37 | -0.15 | 0.16 | -0.02 | -0.02 | - |
| | 0.29 | -0.43 | -0.71 | -0.83 | -1.05 | -1.24 | | | | |
| GENE1595X | 16960_at | 16960_at | 1 | 0.23 | 0.24 | -0.01 | 0.09 | -0.1 | 0.16 | - |
| | 0.29 | -0.42 | -0.91 | -0.72 | -1.16 | -1.22 | | | | |
| GENE1610X | 17002_at | 17002_at | 1 | 0.12 | 0.27 | 0.23 | 0.26 | -0.02 | -0.13 | - |
| | 0.53 | -0.39 | -1.4 | -1.32 | -1.65 | -1.57 | | | | |
| GENE865X | 14728_s_at | 14728_s_at | 1 | 0.34 | 0.1 | -0.14 | -0.29 | 0.02 | -0.11 | - |
| | 0.54 | -0.12 | -1.07 | -1.17 | -1.49 | -1.51 | | | | |
| GENE540X | 13577_s_at | 13577_s_at | 1 | 0.13 | 0.33 | 0.09 | -0.31 | -0.19 | -0.36 | - |
| | 0.49 | -0.44 | -1.09 | -1.41 | -1.58 | -1.73 | | | | |
| GENE2465X | 19972_at | 19972_at | 1 | 0.2 | 0.02 | -0.29 | -0.31 | 0.27 | 0.21 | - |
| | 0.53 | -0.48 | -0.7 | -0.41 | -1.04 | -0.86 | | | | |
| GENE2457X | 19955_at | 19955_at | 1 | 0.07 | 0.09 | -0.12 | -0.06 | 0.09 | -0.1 | - |
| | 0.6 | -0.52 | -0.73 | -0.6 | -1.18 | -1.04 | | | | |
| GENE1573X | 16899_at | 16899_at | 1 | 0.27 | 0.11 | -0.27 | 0.11 | 0.14 | 0.18 | - |
| | 1.15 | -1.07 | -1.56 | -0.94 | -2.18 | -1.85 | | | | |

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|-----------|------------|------------|-------|-------|-------|-------|-------|-------|-------|---|
| GENE749X | 14454_at | 14454_at | 1 | 0.2 | -0.21 | -0.42 | -0.29 | 0.03 | 0.22 | - |
| 0.9 | -0.27 | -1.2 | -0.66 | -1.58 | -1.34 | | | | | |
| GENE1216X | 15781_at | 15781_at | 1 | -0.09 | -0.44 | -0.9 | -0.51 | -0.2 | 0.3 | - |
| 1.1 | -0.52 | -1.93 | -1.35 | -2.41 | -2.22 | | | | | |
| GENE2056X | 18581_at | 18581_at | 1 | -0.19 | -0.39 | -0.97 | 0.19 | -0.18 | 0.65 | - |
| 1.59 | -1.17 | -1.91 | -1.06 | -2.76 | -2.24 | | | | | |
| GENE73X | 12178_s_at | 12178_s_at | 1 | 0.21 | -0.09 | -0.51 | -0.2 | 0.2 | 0.01 | - |
| 0.42 | -0.31 | -0.78 | -0.65 | -1.4 | -1.27 | | | | | |
| GENE2437X | 19902_at | 19902_at | 1 | 0.14 | -0.18 | -0.59 | -0.15 | 0.14 | 0.03 | - |
| 0.73 | -0.5 | -1.12 | -0.64 | -1.82 | -1.58 | | | | | |
| GENE1576X | 16905_s_at | 16905_s_at | 1 | -0.01 | -0.25 | -0.7 | -0.02 | 0.19 | 0.16 | - |
| 0.76 | -0.35 | -0.79 | -0.69 | -1.81 | -1.56 | | | | | |
| GENE1535X | 16673_at | 16673_at | 1 | 0.59 | -0.32 | -0.52 | -0.19 | -0.27 | 0.06 | - |
| 0.65 | -0.53 | -1.09 | -1.08 | -2.12 | -2.08 | | | | | |
| GENE2264X | 19219_at | 19219_at | 1 | 0.3 | 0.03 | -0.74 | 0 | 0.21 | -0.01 | - |
| 1.01 | -1.01 | -0.97 | -1.41 | -4.44 | -1.81 | | | | | |
| GENE2708X | 20665_s_at | 20665_s_at | 1 | 0.23 | 0.1 | -0.16 | 0.2 | -0.04 | 0.03 | - |
| 0.64 | 0.01 | -0.72 | -0.68 | -1.23 | -0.69 | | | | | |
| GENE1742X | 17468_at | 17468_at | 1 | 0.21 | -0.11 | -0.24 | 0.12 | -0.26 | 0.48 | - |
| 0.73 | -0.04 | -1.01 | -0.76 | -1.31 | -0.9 | | | | | |
| GENE97X | 12234_at | 12234_at | 1 | 0.27 | -0.17 | -0.34 | 0.18 | -0.18 | -0.21 | - |
| 0.74 | -0.39 | -1.2 | -1.16 | -1.42 | -1.09 | | | | | |
| GENE1415X | 16351_at | 16351_at | 1 | 1 | -0.27 | -0.93 | 0.66 | -0.39 | -0.57 | - |
| 1.64 | -1.08 | -2.68 | -2.39 | -3.4 | -2.72 | | | | | |
| GENE2611X | 20389_at | 20389_at | 1 | 0.88 | -0.3 | -0.86 | 0 | -0.67 | -0.55 | - |
| 1.7 | -0.88 | -2.55 | -2.23 | -2.95 | -2.6 | | | | | |
| GENE178X | 12496_at | 12496_at | 1 | 0.28 | -0.03 | -0.45 | 0.03 | -0.39 | 0.1 | - |
| 0.61 | -0.41 | -1.23 | -0.84 | -1.61 | -0.79 | | | | | |
| GENE1609X | 17000_at | 17000_at | 1 | 0.48 | -0.07 | -0.39 | 0.07 | -0.44 | 0.03 | - |
| 1.35 | -1 | -1.5 | -1.06 | -2.33 | -1.35 | | | | | |
| GENE2430X | 19889_at | 19889_at | 1 | 0.07 | -0.23 | -0.55 | 0.03 | -0.54 | -0.02 | - |
| 0.88 | -0.51 | -1.27 | -1.18 | -2.2 | -1.28 | | | | | |
| GENE2206X | 18984_at | 18984_at | 1 | 0.21 | -0.32 | -0.38 | 0.26 | -0.66 | -0.2 | - |
| 1.42 | -0.88 | -1.84 | -1.69 | -2.95 | -2.04 | | | | | |
| GENE1620X | 17032_s_at | 17032_s_at | 1 | 0.48 | -0.12 | -0.67 | -0.05 | 0.29 | 0.64 | - |
| 0.18 | 0.27 | -1.75 | -1.45 | -2.33 | -2.42 | | | | | |
| GENE516X | 13546_at | 13546_at | 1 | -0.11 | -0.81 | -0.79 | -0.33 | 0.34 | 0.58 | - |
| 1.11 | 0.3 | -2.88 | -1.54 | -2.86 | -2.86 | | | | | |
| GENE1158X | 15602_f_at | 15602_f_at | 1 | -0.16 | -0.69 | -0.54 | -0.2 | 0.42 | 0.65 | - |
| 0.63 | -0.3 | -1.28 | -1.36 | -2.23 | -1.94 | | | | | |
| GENE505X | 13518_at | 13518_at | 1 | 0.48 | -0.2 | -0.23 | -0.33 | 0.05 | -0.08 | - |
| 0.06 | 0 | -0.89 | -0.46 | -1.23 | -0.82 | | | | | |
| GENE2323X | 19439_at | 19439_at | 1 | -0.09 | 0.19 | -0.27 | -0.54 | 0.01 | 0.09 | - |
| 0.05 | -0.05 | -1.02 | -1.64 | -1.29 | -0.94 | | | | | |
| GENE838X | 14654_s_at | 14654_s_at | 1 | 0.14 | -0.14 | -0.62 | -0.38 | -0.01 | 0.27 | - |
| 0.11 | -0.19 | -1.37 | -0.95 | -0.93 | -1.26 | | | | | |
| GENE1308X | 16042_s_at | 16042_s_at | 1 | 0.27 | -0.36 | -0.93 | -0.57 | 0.2 | 0.44 | - |
| 0.62 | -0.47 | -1.76 | -1.46 | -1.79 | -1.33 | | | | | |
| GENE857X | 14714_s_at | 14714_s_at | 1 | 0.1 | -0.01 | -0.26 | -0.07 | -0.09 | -0.08 | - |
| 0.42 | -0.23 | -1.53 | -1.62 | -1.17 | -1.16 | | | | | |
| GENE1452X | 16460_s_at | 16460_s_at | 1 | 0.05 | -0.22 | -0.39 | -0.44 | -0.01 | -0.31 | - |
| 0.79 | -0.29 | -2.13 | -2.28 | -1.64 | -1.69 | | | | | |
| GENE2123X | 18708_at | 18708_at | 1 | -0.02 | -0.24 | -0.26 | -0.09 | -0.03 | 0.39 | - |
| 0.67 | -0.33 | -2.28 | -2.13 | -2.18 | -2.38 | | | | | |
| GENE666X | 14029_at | 14029_at | 1 | 0.13 | -0.41 | -0.67 | -0.62 | -0.03 | 0.22 | - |
| 1.43 | -0.66 | -3 | -3.26 | -3.19 | -3.86 | | | | | |

| | | | | | | | | | | |
|-----------|------------|------------|-------|-------|-------|-------|-------|-------|-------|----|
| GENE929X | 14993_at | 14993_at | 1 | 0.04 | 0 | -0.4 | -0.4 | 0.37 | 0.46 | - |
| | 0.58 | -0.42 | -0.83 | -1.08 | -0.86 | -1.67 | | | | |
| GENE2544X | 20210_g_at | 20210_g_at | 1 | 0.31 | -0.08 | -0.36 | -0.07 | 0.54 | 0.34 | - |
| | 0.41 | -0.41 | -0.4 | -0.59 | -1.18 | -1.12 | | | | |
| GENE199X | 12549_s_at | 12549_s_at | 1 | -0.1 | 0.05 | -0.07 | -0.1 | 0.42 | 0.3 | - |
| | 0.26 | -0.2 | -0.51 | -0.74 | -1.33 | -1.2 | | | | |
| GENE212X | 12598_at | 12598_at | 1 | -0.17 | -0.44 | -0.66 | -1.08 | 0.47 | 0.05 | - |
| | 0.71 | -0.46 | -1.08 | -1.21 | -1.58 | -1.08 | | | | |
| GENE2289X | 19365_s_at | 19365_s_at | 1 | -0.2 | -0.14 | -0.35 | -1.06 | 0.24 | -0.11 | - |
| | 0.43 | -0.54 | -0.89 | -1.51 | -2.03 | -1.8 | | | | |
| GENE2211X | 19012_at | 19012_at | 1 | -0.21 | -0.21 | -0.51 | -0.67 | 0.49 | 0.18 | - |
| | 0.39 | -0.26 | -0.68 | -0.75 | -1.23 | -1.29 | | | | |
| GENE1187X | 15661_s_at | 15661_s_at | 1 | -0.44 | -0.81 | -1 | -0.88 | 0.69 | 0.26 | - |
| | 0.41 | -0.9 | -1.17 | -1.1 | -1.9 | -2.34 | | | | |
| GENE897X | 14890_at | 14890_at | 1 | -0.24 | -0.28 | -1.79 | -1.03 | 0.18 | 0.79 | - |
| | 0.66 | -1.17 | -1.44 | -1.32 | -2.58 | -2.43 | | | | |
| GENE471X | 13335_at | 13335_at | 1 | -0.26 | -0.48 | -0.96 | -0.64 | 0.19 | -0.15 | - |
| | 0.07 | -0.55 | -0.9 | -1.05 | -1.45 | -1.45 | | | | |
| GENE1891X | 18004_at | 18004_at | 1 | -0.56 | -0.77 | -1 | -0.25 | 0.3 | 0.12 | - |
| | 0.53 | -0.66 | -0.93 | -1.32 | -1.68 | -1.6 | | | | |
| GENE1027X | 15183_s_at | 15183_s_at | 1 | -0.57 | -0.51 | -2.47 | -0.8 | 0.79 | -0.24 | - |
| | 1.32 | -1.47 | -1.78 | -2.07 | -2.47 | -3.32 | | | | |
| GENE2694X | 20638_at | 20638_at | 1 | 0.21 | -0.41 | -1.21 | -0.15 | 0.53 | -0.11 | -1 |
| | -1.58 | -2.43 | -1.75 | -2.26 | -2.26 | | | | | |
| GENE2609X | 20385_at | 20385_at | 1 | 0.56 | -0.67 | -1.21 | -0.06 | 0.29 | 0.23 | - |
| | 1.23 | -1.67 | -2.28 | -1.82 | -2.79 | -2.07 | | | | |
| GENE1143X | 15566_at | 15566_at | 1 | -0.66 | -0.95 | -1.32 | -0.66 | 1.26 | -0.16 | - |
| | 1.71 | -2.84 | -2.43 | -2.17 | -2.84 | -2.84 | | | | |
| GENE1475X | 16508_at | 16508_at | 1 | -0.09 | -0.4 | -0.81 | -0.37 | -0.01 | 0.45 | |
| | 0.11 | 0.7 | -1.18 | -0.87 | -1.1 | -0.95 | | | | |
| GENE753X | 14463_at | 14463_at | 1 | 0.06 | -0.18 | -0.9 | -0.33 | -0.18 | 0.55 | |
| | 0.02 | 0.54 | -1.14 | -0.73 | -1.31 | -0.88 | | | | |
| GENE799X | 14557_at | 14557_at | 1 | 0.16 | -0.55 | -0.75 | -0.3 | -0.22 | 0.42 | |
| | 0.17 | 0.9 | -1.4 | -1.25 | -1.23 | -1.71 | | | | |
| GENE2329X | 19454_at | 19454_at | 1 | -0.24 | -0.41 | -1.08 | -0.62 | 0.04 | 0.1 | - |
| | 0.23 | 0.7 | -2.04 | -1.67 | -1.87 | -1.66 | | | | |
| GENE2528X | 20173_at | 20173_at | 1 | 0.28 | -0.68 | -1.24 | -0.46 | -0.09 | 0.59 | - |
| | 0.44 | 0.76 | -2.32 | -1.93 | -1.95 | -1.71 | | | | |
| GENE2559X | 20252_at | 20252_at | 1 | -0.67 | -0.67 | -0.67 | -0.67 | -0.23 | 1.58 | - |
| | 0.34 | 1.12 | -2 | -1.32 | -2.48 | -2.48 | | | | |
| GENE2252X | 19193_at | 19193_at | 1 | -0.67 | -0.67 | -0.67 | -0.67 | -0.7 | 1.34 | - |
| | 0.02 | 1.22 | -2.37 | -1.89 | -3.32 | -3.32 | | | | |
| GENE1858X | 17923_s_at | 17923_s_at | 1 | -0.39 | -0.69 | -1.14 | -1.03 | 0.92 | 1.22 | |
| | 0.23 | 1.12 | -1.69 | -2 | -3.37 | -2.7 | | | | |
| GENE2344X | 19522_at | 19522_at | 1 | 0.09 | -0.48 | -1.08 | -0.01 | -0.08 | 0.17 | - |
| | 0.22 | -0.04 | -0.86 | -0.72 | -0.69 | -1.02 | | | | |
| GENE2439X | 19907_at | 19907_at | 1 | -0.02 | -0.59 | -1.33 | -0.37 | -0.12 | 0.02 | - |
| | 0.14 | -0.11 | -0.66 | -0.66 | -1.33 | -0.97 | | | | |
| GENE1900X | 18020_at | 18020_at | 1 | 0.04 | -0.51 | -0.73 | -0.26 | -0.13 | 0.17 | - |
| | 0.58 | 0.02 | -0.61 | -0.55 | -0.87 | -1.04 | | | | |
| GENE548X | 13601_at | 13601_at | 1 | -0.26 | -0.94 | -1.49 | -0.72 | -0.24 | -0.03 | - |
| | 0.75 | -0.43 | -1.11 | -0.6 | -1.77 | -1.81 | | | | |
| GENE98X | 12235_at | 12235_at | 1 | -0.33 | -1.08 | -2.28 | -0.91 | 0.07 | 0.37 | - |
| | 0.97 | 0 | -1.2 | -1.04 | -2.55 | -2.92 | | | | |
| GENE0X | 11990_at | 11990_at | 1 | -0.03 | -0.4 | -1.03 | -0.53 | -0.44 | 0.21 | - |
| | 0.2 | -0.24 | -1.07 | -0.49 | -1.11 | -1.45 | | | | |

| | | | | | | | | | | |
|-----------|------------|------------|-------|-------|----------|-------|-------|-------|-------|---|
| GENE1403X | 16319_at | 16319_at | 1 | -0.17 | -0.5 | -1.35 | -0.6 | -0.35 | 0.49 | - |
| | 0.52 | -0.45 | -1.67 | -1.36 | -1.94 | -2.05 | | | | |
| GENE2284X | 19358_at | 19358_at | 1 | -0.16 | -0.34 | -1.12 | -0.41 | -0.37 | 0.24 | - |
| | 0.58 | -0.08 | -1.44 | -1.11 | -1.88 | -1.92 | | | | |
| GENE1053X | 15255_at | 15255_at | 1 | -0.37 | -0.7 | -1.64 | -0.78 | -0.22 | 0.17 | - |
| | 0.75 | -0.1 | -2.05 | -1.95 | -2.95 | -2.95 | | | | |
| GENE276X | 12793_at | 12793_at | 1 | -0.27 | -0.86 | -1.73 | -0.42 | -0.02 | 0.44 | - |
| | 0.25 | 0.07 | -1.85 | -1.35 | -2.28 | -2.38 | | | | |
| GENE1010X | 15146_s_at | 15146_s_at | 1 | -0.32 | -0.75 | -1.2 | -0.66 | -0.01 | 0.33 | - |
| | 0.32 | 0.27 | -2.06 | -1.5 | -2.13 | -2.32 | | | | |
| GENE2341X | 19494_at | 19494_at | 1 | -0.3 | -1.46 | -1.64 | -0.91 | -0.37 | 0.26 | - |
| | 0.33 | 0.21 | -2.7 | -2.43 | -3.76 | -3.76 | | | | |
| GENE1084X | 15411_at | 15411_at | 1 | -0.05 | -0.32 | -0.58 | -0.07 | -0.27 | 0.11 | - |
| | 0.1 | 0.38 | -1.13 | -0.79 | -0.81 | -0.58 | | | | |
| GENE2116X | 18694_s_at | 18694_s_at | 1 | 0.02 | -0.26 | -0.67 | 0.07 | -0.57 | 0.21 | - |
| | 0.05 | 0.19 | -1.33 | -1.24 | -1.12 | -0.59 | | | | |
| GENE1244X | 15881_at | 15881_at | 1 | 0.21 | -0.35 | -0.49 | -0.05 | -0.72 | 0.33 | - |
| | 0.56 | 0.53 | -1.57 | -1.16 | -1.09 | -0.42 | | | | |
| GENE268X | 12781_at | 12781_at | 1 | -0.18 | -0.00114 | | -0.39 | -0.31 | -0.23 | - |
| | 0.04 | 0.09 | 0.56 | -1.44 | -1.25 | -1.23 | -0.65 | | | |
| GENE1001X | 15133_at | 15133_at | 1 | -0.11 | -0.04 | -0.36 | -0.18 | -0.35 | -0.09 | - |
| | 0.25 | 0.12 | -1.1 | -1.36 | -1.18 | -0.52 | | | | |
| GENE421X | 13209_s_at | 13209_s_at | 1 | 0.47 | -0.26 | -1.19 | -0.69 | -0.97 | -0.16 | - |
| | 0.31 | 0.49 | -2.72 | -2.45 | -2.6 | -0.8 | | | | |
| GENE1281X | 15987_at | 15987_at | 1 | 0.06 | -0.14 | -0.31 | -0.07 | -0.13 | 0.21 | - |
| | 0.06 | 0.06 | 0.07 | -1.16 | -1.1 | -0.64 | -0.64 | | | |
| GENE2490X | 20047_at | 20047_at | 1 | 0.2 | -0.33 | -0.48 | 0.23 | 0.18 | 0.52 | - |
| | 0.36 | 0.57 | -1.46 | -1.64 | -1.38 | -0.94 | | | | |
| GENE2480X | 20016_at | 20016_at | 1 | -0.02 | 0.05 | -0.14 | -0.14 | 0.18 | 0.27 | - |
| | 0.66 | 0.32 | -1.92 | -1.81 | -1.87 | -1.26 | | | | |
| GENE2175X | 18929_s_at | 18929_s_at | 1 | -0.32 | 0.14 | -0.62 | -0.66 | -0.39 | 1 | - |
| | 0.78 | 0.86 | -2.77 | -2.23 | -2.37 | -2.37 | | | | |
| GENE1227X | 15835_at | 15835_at | 1 | -0.15 | 0.41 | -0.49 | -0.49 | 0.25 | 0.03 | - |
| | 0.67 | -0.18 | -0.77 | -0.31 | -1.02 | -1.12 | | | | |
| GENE172X | 12482_s_at | 12482_s_at | 1 | 0.56 | 0.48 | -0.27 | -0.62 | -0.08 | -0.25 | - |
| | 0.46 | -0.64 | -0.8 | -0.72 | -1.29 | -1.29 | | | | |
| GENE1326X | 16068_s_at | 16068_s_at | 1 | -0.17 | -0.01 | -0.11 | -0.63 | -0.33 | -0.05 | - |
| | 0.04 | 0.04 | -0.78 | -0.24 | -0.95 | -1.37 | | | | |
| GENE2483X | 20020_at | 20020_at | 1 | -0.07 | 0.18 | -0.32 | -0.81 | -0.1 | 0.38 | - |
| | 0.34 | -0.13 | -0.7 | -0.45 | -0.88 | -1.38 | | | | |
| GENE2538X | 20196_at | 20196_at | 1 | 0.2 | 0 | -0.82 | -0.7 | -0.28 | 0.4 | - |
| | 0.26 | -0.09 | -1.22 | -0.8 | -1.85 | -2.55 | | | | |
| GENE1093X | 15446_at | 15446_at | 1 | -0.25 | -0.37 | -0.49 | -0.81 | 0.01 | -0.02 | - |
| | 0.5 | -0.54 | -0.66 | -0.22 | -0.88 | -1.14 | | | | |
| GENE965X | 15081_at | 15081_at | 1 | -0.38 | -0.39 | -0.84 | -0.74 | 0 | -0.09 | - |
| | 0.59 | -0.8 | -0.52 | -0.59 | -1.22 | -1.32 | | | | |
| GENE188X | 12526_at | 12526_at | 1 | -0.49 | -0.26 | -0.92 | -1.31 | 0.2 | -0.41 | - |
| | 0.63 | -1.58 | -1.19 | -0.6 | -2.22 | -1.8 | | | | |
| GENE1804X | 17645_s_at | 17645_s_at | 1 | -0.3 | -0.51 | -0.8 | -0.73 | 0.44 | -0.59 | - |
| | 0.58 | -1.16 | -1.51 | -0.49 | -1.37 | -1.97 | | | | |
| GENE2551X | 20234_s_at | 20234_s_at | 1 | 0.03 | -0.06 | -0.37 | -0.45 | 0.06 | -0.13 | - |
| | 0.52 | -0.94 | -1.06 | -0.2 | -1.55 | -1.72 | | | | |
| GENE1965X | 18250_at | 18250_at | 1 | -0.27 | -0.28 | -0.31 | -0.45 | 0.2 | -0.15 | - |
| | 0.54 | -0.83 | -0.63 | -0.65 | -1.23 | -1.31 | | | | |
| GENE2378X | 19663_at | 19663_at | 1 | -0.02 | -0.22 | -0.82 | -0.49 | 0.28 | 0 | - |
| | 0.75 | -0.84 | -0.71 | -0.8 | -1.5 | -2.05 | | | | |

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|-----------|------------|------------|-------|-------|-------|----------|-------|-------|-------|---|
| GENE2283X | 19356_at | 19356_at | 1 | 0.01 | -0.19 | -0.77 | -0.55 | -0.07 | -0.22 | - |
| | 0.46 | -0.04 | -0.82 | -0.52 | -1.15 | -1.46 | | | | |
| GENE1058X | 15319_at | 15319_at | 1 | -0.3 | -0.3 | -0.74 | -0.69 | -0.03 | -0.29 | - |
| | 0.8 | -0.25 | -0.6 | -0.6 | -1.72 | -2.34 | | | | |
| GENE843X | 14664_i_at | 14664_i_at | 1 | -0.23 | -0.36 | -0.76 | -0.56 | 0.09 | -0.49 | - |
| | 0.4 | -0.4 | -1.04 | -0.7 | -1.13 | -1.66 | | | | |
| GENE1467X | 16494_at | 16494_at | 1 | -0.34 | -0.66 | -0.86 | -1.11 | -0.2 | -0.41 | - |
| | 0.49 | -0.71 | -1.56 | -1.62 | -2.18 | -3.07 | | | | |
| GENE673X | 14051_at | 14051_at | 1 | 0.02 | -0.11 | -0.00692 | | -0.24 | 0.41 | - |
| | 0.28 | -0.79 | -1.15 | -0.89 | -1.33 | -1.79 | -1.84 | | | |
| GENE1307X | 16041_s_at | 16041_s_at | 1 | -0.1 | 0.01 | 0.07 | -0.44 | 0.11 | -0.26 | - |
| | 0.88 | -0.82 | -0.75 | -1.15 | -1.51 | -1.59 | | | | |
| GENE2572X | 20284_at | 20284_at | 1 | -0.22 | -0.13 | -0.07 | -0.56 | 0.1 | -0.28 | - |
| | 0.87 | -1.08 | -0.94 | -1.42 | -2.33 | -2.14 | | | | |
| GENE2319X | 19431_s_at | 19431_s_at | 1 | 0.11 | -0.11 | -0.3 | -0.62 | -0.01 | -0.52 | - |
| | 1.61 | -1.34 | -1.4 | -1.77 | -3 | -2.79 | | | | |
| GENE1184X | 15658_at | 15658_at | 1 | -0.29 | -0.11 | -0.07 | -0.34 | -0.05 | -0.19 | - |
| | 1.01 | -1.11 | -0.79 | -0.81 | -1.64 | -1.52 | | | | |
| GENE166X | 12452_at | 12452_at | 1 | 0.07 | 0 | -0.43 | -0.35 | -0.19 | -0.33 | - |
| | 0.9 | -0.86 | -0.75 | -0.78 | -1.6 | -1.73 | | | | |
| GENE2628X | 20449_at | 20449_at | 1 | -0.31 | -0.29 | -0.62 | -0.92 | -0.24 | -0.21 | - |
| | 1.61 | -1.46 | -1.85 | -1.85 | -3.53 | -3.53 | | | | |
| GENE1387X | 16266_at | 16266_at | 1 | -0.35 | 0.22 | 0 | -0.35 | 0.22 | -0.15 | - |
| | 0.52 | -0.81 | -0.67 | -0.79 | -0.74 | -1.21 | | | | |
| GENE906X | 14916_at | 14916_at | 1 | -0.2 | 0.14 | 0.28 | -0.91 | 0.2 | -0.51 | - |
| | 0.39 | -1.06 | -0.72 | -1.25 | -1.52 | -2.03 | | | | |
| GENE1735X | 17449_at | 17449_at | 1 | -0.16 | 0.24 | 0.2 | -0.77 | 0.1 | -0.64 | - |
| | 0.34 | -0.34 | -1.08 | -1.41 | -1.39 | -1.54 | | | | |
| GENE1879X | 17966_at | 17966_at | 1 | -0.12 | 0.19 | 0.1 | -0.36 | -0.31 | -0.68 | - |
| | 1.02 | -0.38 | -0.64 | -1.35 | -1.72 | -1.29 | | | | |
| GENE780X | 14519_at | 14519_at | 1 | -0.4 | -0.24 | -0.11 | -0.46 | -0.65 | -0.13 | - |
| | 1.29 | -1 | -1.67 | -1.55 | -1.44 | -2.1 | | | | |
| GENE1779X | 17566_at | 17566_at | 1 | -0.94 | -0.59 | -0.55 | -1.34 | -1 | 0.34 | - |
| | 1.49 | -0.98 | -1.95 | -1.88 | -2.57 | -3.15 | | | | |
| GENE695X | 14098_at | 14098_at | 1 | -0.06 | -0.25 | -0.28 | -0.28 | -0.49 | -0.38 | - |
| | 0.43 | -0.21 | -0.92 | -0.49 | -0.73 | -1.55 | | | | |
| GENE1357X | 16136_at | 16136_at | 1 | -0.14 | -0.49 | -0.87 | -0.46 | -0.5 | -0.63 | - |
| | 1.27 | -1.32 | -1.95 | -1.67 | -2.42 | -2.05 | | | | |
| GENE131X | 12336_at | 12336_at | 1 | -0.19 | -0.41 | -0.73 | -0.73 | -0.81 | -0.73 | - |
| | 1.05 | -0.95 | -2.41 | -2.08 | -2.79 | -2.35 | | | | |
| GENE1350X | 16124_s_at | 16124_s_at | 1 | -0.24 | -0.7 | -0.8 | -0.6 | -0.8 | -0.7 | - |
| | 1.19 | -1.13 | -2.19 | -2.03 | -2.91 | -2.16 | | | | |
| GENE2086X | 18644_at | 18644_at | 1 | -0.38 | -0.39 | -1.08 | -0.72 | -0.92 | -0.68 | - |
| | 1.06 | -1.03 | -2.47 | -2.19 | -2.33 | -2.27 | | | | |
| GENE2270X | 19231_at | 19231_at | 1 | -0.43 | -0.4 | -1.18 | -0.46 | -1.09 | -0.86 | - |
| | 1.24 | -1.08 | -2.49 | -2.02 | -2.15 | -2.15 | | | | |
| GENE1304X | 16034_at | 16034_at | 1 | -0.48 | -0.65 | -1.41 | -0.48 | -0.83 | -1 | - |
| | 1.47 | -1.02 | -2.75 | -2.27 | -2.54 | -2.23 | | | | |
| GENE1068X | 15369_at | 15369_at | 1 | -0.23 | -0.63 | -1.59 | -1.02 | -0.82 | -0.88 | - |
| | 1.59 | -1.22 | -2.53 | -1.93 | -2.61 | -2.38 | | | | |
| GENE588X | 13678_at | 13678_at | 1 | -0.51 | -1.09 | -1.86 | -0.86 | -1.34 | -1.19 | - |
| | 2.13 | -1.62 | -3.72 | -2.59 | -3.3 | -3.41 | | | | |
| GENE1530X | 16650_s_at | 16650_s_at | 1 | -0.65 | -0.48 | -1.23 | -0.6 | -0.21 | -0.85 | - |
| | 1.22 | -1 | -2.01 | -1.99 | -2.23 | -2.72 | | | | |
| GENE103X | 12242_at | 12242_at | 1 | -0.64 | -0.64 | -1.26 | -0.36 | -0.44 | -1 | - |
| | 0.7 | -1 | -2.09 | -1.91 | -2.24 | -2.7 | | | | |

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|-----------|------------|------------|-------|-------|-------|-------|-------|-------|-------|----|
| GENE703X | 14124_s_at | 14124_s_at | 1 | -0.62 | -0.82 | -1.01 | -1.01 | -0.63 | -1 | - |
| | 0.9 | -1.33 | -2.51 | -2.27 | -2.24 | -3.21 | | | | |
| GENE552X | 13608_at | 13608_at | 1 | -0.42 | -0.18 | -0.97 | -0.67 | -0.36 | -0.59 | - |
| | 0.86 | -1.07 | -2.23 | -1.51 | -2.24 | -2.17 | | | | |
| GENE579X | 13654_at | 13654_at | 1 | -0.43 | -0.53 | -1.05 | -0.43 | -0.33 | -0.55 | - |
| | 0.92 | -1.13 | -2 | -1.34 | -2.3 | -2.54 | | | | |
| GENE739X | 14421_at | 14421_at | 1 | -0.31 | -0.46 | -1.18 | -0.62 | -0.23 | -0.26 | - |
| | 1.07 | -0.63 | -1.92 | -1.86 | -1.53 | -2 | | | | |
| GENE2254X | 19197_at | 19197_at | 1 | -0.25 | -0.82 | -1.67 | -0.6 | -0.16 | -0.5 | - |
| | 1.75 | -1.56 | -2.94 | -2.65 | -2.65 | -3.78 | | | | |
| GENE104X | 12243_at | 12243_at | 1 | -0.12 | -0.66 | -1.32 | -0.6 | -0.8 | -1.05 | - |
| | 1.22 | -1.28 | -2.9 | -2.76 | -1.9 | -3 | | | | |
| GENE601X | 13798_at | 13798_at | 1 | 0.04 | -0.77 | -1.49 | -0.81 | -0.66 | -0.86 | - |
| | 1.23 | -1.09 | -3.07 | -2.8 | -2.58 | -3.04 | | | | |
| GENE1854X | 17913_at | 17913_at | 1 | -0.15 | -0.5 | -0.86 | -0.85 | -0.66 | -0.57 | - |
| | 1.64 | -0.92 | -2.55 | -2.52 | -2.22 | -2.58 | | | | |
| GENE1517X | 16612_s_at | 16612_s_at | 1 | 0.08 | -0.29 | -0.43 | 0.16 | -0.12 | -0.3 | - |
| | 0.61 | -0.5 | -0.99 | -0.87 | -1.12 | -1.3 | | | | |
| GENE72X | 12176_at | 12176_at | 1 | -0.04 | -0.25 | -0.72 | -0.07 | -0.28 | -0.37 | - |
| | 0.54 | -0.64 | -1.23 | -1.07 | -1.23 | -1.39 | | | | |
| GENE1026X | 15182_at | 15182_at | 1 | -0.06 | -0.63 | -1.04 | -0.27 | -0.67 | -0.77 | - |
| | 1.21 | -1.01 | -2.33 | -2.01 | -2.83 | -2.96 | | | | |
| GENE53X | 12135_at | 12135_at | 1 | 0.31 | -0.5 | -1.56 | -0.34 | -1.01 | -0.95 | - |
| | 2.05 | -1.5 | -2.84 | -2.67 | -3.31 | -3.78 | | | | |
| GENE57X | 12143_at | 12143_at | 1 | -0.05 | 0.05 | -0.63 | -0.35 | -0.14 | -0.02 | - |
| | 0.73 | -0.57 | -1.71 | -1.31 | -1.54 | -2.04 | | | | |
| GENE2491X | 20050_at | 20050_at | 1 | -0.32 | -0.13 | -0.6 | -0.34 | -0.6 | -0.08 | - |
| | 0.89 | -0.8 | -1.74 | -1.31 | -2.02 | -2.26 | | | | |
| GENE1283X | 15990_at | 15990_at | 1 | -0.34 | -0.14 | -0.61 | -0.26 | -0.34 | -0.4 | - |
| | 1.17 | -1.32 | -2.33 | -1.48 | -2.44 | -2.73 | | | | |
| GENE2097X | 18666_s_at | 18666_s_at | 1 | -0.33 | -0.36 | -0.41 | -0.39 | -0.55 | -0.94 | - |
| | 0.5 | 0.05 | -1.79 | -1.77 | -1.81 | -1.96 | | | | |
| GENE795X | 14545_at | 14545_at | 1 | 0.23 | -0.31 | -0.44 | -0.66 | -0.66 | -0.61 | - |
| | 0.43 | -0.11 | -2.14 | -1.68 | -1.86 | -2.35 | | | | |
| GENE1294X | 16015_at | 16015_at | 1 | -0.21 | 0.04 | -0.4 | -0.01 | -0.26 | -0.44 | - |
| | 0.17 | 0.26 | -1.96 | -1.75 | -1.91 | -2.24 | | | | |
| GENE1043X | 15213_s_at | 15213_s_at | 1 | -0.02 | -0.21 | -0.48 | -0.23 | -0.19 | -0.14 | - |
| | 0.06 | 0.00251 | -1.04 | -0.67 | -0.85 | -1.16 | | | | |
| GENE218X | 12611_g_at | 12611_g_at | 1 | 0.05 | -0.28 | -0.8 | -0.38 | -0.47 | -0.27 | - |
| | 0.39 | -0.2 | -2.1 | -1.14 | -1.94 | -1.9 | | | | |
| GENE2592X | 20340_at | 20340_at | 1 | -0.09 | -0.36 | -0.7 | -0.22 | -0.46 | -0.26 | - |
| | 0.74 | -0.17 | -1.75 | -1.36 | -1.7 | -2.36 | | | | |
| GENE1855X | 17916_at | 17916_at | 1 | -0.08 | -0.53 | -1.08 | -0.25 | -0.67 | -0.01 | - |
| | 1.17 | -0.34 | -2.37 | -2 | -2.86 | -2.86 | | | | |
| GENE90X | 12218_at | 12218_at | 1 | -0.39 | -0.24 | -0.85 | 0.04 | -0.71 | -0.25 | - |
| | 0.51 | -0.35 | -2.4 | -1.9 | -2.19 | -2.28 | | | | |
| GENE2202X | 18976_at | 18976_at | 1 | -0.17 | -0.58 | -1.22 | -0.36 | -0.59 | -0.38 | - |
| | 0.94 | -0.38 | -2.67 | -2.63 | -2.28 | -2.82 | | | | |
| GENE744X | 14432_at | 14432_at | 1 | 0.21 | -0.55 | -1.73 | -0.36 | -0.76 | -0.76 | -1 |
| | -0.32 | -3.73 | -3.32 | -3.32 | -3.32 | -3.32 | | | | |
| GENE862X | 14725_s_at | 14725_s_at | 1 | 0.16 | -0.37 | -0.56 | -0.18 | -0.08 | -0.46 | - |
| | 0.82 | -0.17 | -1.59 | -1.25 | -1.62 | -2.38 | | | | |
| GENE387X | 13144_at | 13144_at | 1 | 0.23 | -0.56 | -0.7 | -0.07 | -0.1 | -0.28 | - |
| | 1.58 | -0.6 | -2.36 | -2.11 | -2.58 | -4.43 | | | | |
| GENE2083X | 18638_at | 18638_at | 1 | 0.05 | -0.24 | -0.48 | 0.15 | -0.08 | -0.45 | - |
| | 0.64 | -0.28 | -1.14 | -1.14 | -1.78 | -1.74 | | | | |

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|-----------|------------|------------|-------|-------|-------|-------|-------|-------|-------|---|
| GENE904X | 14912_at | 14912_at | 1 | 0.19 | -0.33 | -0.83 | 0.08 | 0.05 | -0.27 | - |
| | 0.85 | -0.16 | -1.89 | -1.89 | -2.24 | -2.07 | | | | |
| GENE1990X | 18288_at | 18288_at | 1 | 0.05 | -0.31 | -0.69 | -0.27 | -0.13 | -0.17 | - |
| | 1.16 | -0.36 | -1.82 | -1.39 | -2.36 | -1.99 | | | | |
| GENE1985X | 18281_at | 18281_at | 1 | 0.04 | -0.41 | -0.75 | -0.05 | -0.33 | -0.25 | - |
| | 1.12 | -0.64 | -1.83 | -1.64 | -2.44 | -2.21 | | | | |
| GENE1756X | 17506_s_at | 17506_s_at | 1 | 0.06 | -0.37 | -0.62 | -0.13 | -0.11 | -0.26 | - |
| | 0.59 | -0.24 | -1.12 | -1.07 | -1.39 | -1.3 | | | | |
| GENE1766X | 17532_at | 17532_at | 1 | -0.06 | -0.44 | -0.72 | -0.31 | -0.34 | -0.31 | - |
| | 0.94 | -0.38 | -1.53 | -1.47 | -1.72 | -1.66 | | | | |
| GENE86X | 12213_at | 12213_at | 1 | 0.06 | -0.11 | -0.52 | -0.67 | 0.18 | 0.14 | |
| | 0.05 | -0.14 | -1.29 | -0.86 | -0.65 | -0.52 | | | | |
| GENE850X | 14679_at | 14679_at | 1 | 0.24 | -0.13 | -0.4 | -1.13 | 0.22 | -0.12 | - |
| | 0.11 | -0.46 | -1.51 | -0.58 | -0.71 | -1.02 | | | | |
| GENE2640X | 20474_at | 20474_at | 1 | -0.07 | 0.16 | -0.34 | -0.74 | -0.26 | -0.05 | - |
| | 0.18 | -0.1 | -1.24 | -0.76 | -0.86 | -1.19 | | | | |
| GENE2159X | 18877_at | 18877_at | 1 | 0.02 | -0.2 | -0.55 | -1.2 | -0.06 | -0.17 | - |
| | 0.87 | -0.35 | -1.37 | -0.37 | -0.98 | -1.61 | | | | |
| GENE507X | 13529_at | 13529_at | 1 | -0.31 | -0.31 | -0.25 | -2.63 | -0.31 | -0.31 | - |
| | 0.58 | 0.1 | -1.93 | -0.8 | -1.58 | -1.29 | | | | |
| GENE1480X | 16518_at | 16518_at | 1 | 0.08 | 0.08 | -0.25 | -0.18 | 0.32 | -0.29 | - |
| | 1.08 | -1.2 | -0.47 | -0.24 | -1.26 | -1.26 | | | | |
| GENE672X | 14047_g_at | 14047_g_at | 1 | -0.23 | -0.16 | -0.58 | -0.36 | 0.05 | -0.58 | - |
| | 1.33 | -1.53 | -0.66 | -0.58 | -1.68 | -1.77 | | | | |
| GENE2647X | 20499_at | 20499_at | 1 | 0.3 | 0.22 | -0.4 | 0.11 | -0.08 | -0.44 | - |
| | 1.13 | -1.4 | -0.87 | -0.65 | -1.11 | -1.29 | | | | |
| GENE940X | 15022_at | 15022_at | 1 | 0.08 | 0.3 | -0.25 | -0.23 | -0.09 | -0.41 | - |
| | 0.78 | -1.06 | -0.94 | -0.45 | -1.33 | -1.27 | | | | |
| GENE1047X | 15219_at | 15219_at | 1 | 0.13 | 0.45 | -0.26 | -0.26 | 0.15 | -1.17 | - |
| | 1.83 | -2.83 | -2.43 | -1.43 | -2.67 | -3.67 | | | | |
| GENE653X | 14008_at | 14008_at | 1 | 0.28 | 0.14 | -0.3 | -0.2 | -0.17 | 0 | - |
| | 0.77 | -0.95 | -0.65 | -0.49 | -1.33 | -1.46 | | | | |
| GENE1553X | 16751_at | 16751_at | 1 | 0.78 | 0.11 | -0.84 | -0.31 | -0.4 | -0.56 | - |
| | 1.95 | -1.95 | -1.4 | -1.62 | -2.45 | -3.72 | | | | |
| GENE149X | 12405_at | 12405_at | 1 | -0.02 | -0.04 | -0.5 | -0.14 | -0.07 | -0.02 | - |
| | 1.92 | -0.95 | -1.39 | -0.84 | -1.76 | -2.57 | | | | |
| GENE462X | 13293_s_at | 13293_s_at | 1 | 0.48 | -0.07 | -0.22 | 0.28 | -0.03 | 0.05 | - |
| | 1.34 | -1 | -1 | -0.77 | -1.81 | -2.18 | | | | |
| GENE1600X | 16977_at | 16977_at | 1 | 0.45 | 0.09 | -0.47 | -0.25 | -0.01 | 0.2 | - |
| | 0.71 | -0.9 | -1.07 | -0.45 | -0.93 | -1.07 | | | | |
| GENE366X | 13111_at | 13111_at | 1 | -0.13 | -0.5 | -0.53 | -0.35 | 0.2 | -0.14 | - |
| | 0.83 | -0.86 | -0.39 | -0.57 | -1.5 | -0.97 | | | | |
| GENE1514X | 16607_s_at | 16607_s_at | 1 | -0.12 | -0.65 | -1.02 | -0.22 | 0.03 | 0.06 | - |
| | 0.95 | -0.6 | -0.52 | -0.27 | -1.55 | -1.15 | | | | |
| GENE2144X | 18769_at | 18769_at | 1 | -0.37 | -0.74 | -1 | -0.35 | -0.31 | 0.13 | - |
| | 1.1 | -0.81 | -1 | -0.81 | -1.79 | -1.49 | | | | |
| GENE567X | 13634_s_at | 13634_s_at | 1 | -0.21 | -0.7 | -1.05 | -0.87 | 0.08 | -0.22 | - |
| | 0.7 | -1 | -0.66 | -0.52 | -2.12 | -2.04 | | | | |
| GENE1543X | 16696_at | 16696_at | 1 | -0.14 | -1.11 | -1.7 | -0.84 | -0.15 | -0.8 | - |
| | 1.13 | -0.83 | -1.22 | -1.03 | -3.45 | -3.23 | | | | |
| GENE738X | 14418_at | 14418_at | 1 | 0.03 | -0.26 | -1.44 | -0.36 | -0.14 | -0.35 | - |
| | 1.22 | -1.04 | -0.83 | -0.47 | -2.28 | -0.95 | | | | |
| GENE300X | 12886_s_at | 12886_s_at | 1 | 0.07 | -0.19 | -0.59 | -0.17 | -0.14 | -1.02 | - |
| | 1.28 | -0.51 | -0.66 | -0.76 | -1.76 | -1.28 | | | | |
| GENE1848X | 17901_at | 17901_at | 1 | 0.83 | 0.17 | -0.56 | -0.49 | -0.62 | -1.06 | - |
| | 2.06 | -0.86 | -0.61 | -0.7 | -2.37 | -1.8 | | | | |

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|-----------|------------|------------|-------|-------|---------|-------|-------|-------|-------|---|
| GENE932X | 14998_at | 14998_at | 1 | 0.21 | -0.02 | -0.24 | -0.54 | -0.12 | -0.43 | - |
| 1.15 | -0.71 | -0.28 | -0.14 | -2.05 | -0.97 | | | | | |
| GENE1890X | 17999_at | 17999_at | 1 | 0.26 | 0.05 | -0.41 | -0.74 | -0.22 | -0.46 | - |
| 2.41 | -0.74 | -1.04 | -0.46 | -3.84 | -2.77 | | | | | |
| GENE75X | 12183_at | 12183_at | 1 | -0.37 | 0.09 | 0.12 | -0.32 | 0 | -0.1 | - |
| 0.52 | -0.5 | -0.52 | -0.13 | -0.6 | -1.03 | | | | | |
| GENE723X | 14371_at | 14371_at | 1 | -0.35 | 0 | -0.08 | -0.05 | -0.51 | -0.43 | - |
| 0.89 | -1.31 | -0.73 | -0.18 | -1.06 | -2.15 | | | | | |
| GENE165X | 12450_at | 12450_at | 1 | -0.13 | -0.01 | -0.2 | 0.14 | -0.5 | -0.32 | - |
| 0.97 | -0.46 | -0.4 | -0.25 | -1.29 | -1.89 | | | | | |
| GENE374X | 13121_at | 13121_at | 1 | -0.8 | 0.13 | -0.1 | 0.3 | -0.07 | -0.55 | - |
| 0.45 | -0.63 | -0.89 | -0.49 | -1.04 | -1.26 | | | | | |
| GENE2577X | 20292_at | 20292_at | 1 | -0.58 | 0.28 | -0.29 | 0.1 | -0.79 | -0.39 | - |
| 0.84 | -0.73 | -1.23 | -0.67 | -1.32 | -1.12 | | | | | |
| GENE1474X | 16504_at | 16504_at | 1 | -0.33 | -0.01 | 0.22 | -0.41 | -0.14 | -0.41 | - |
| 1.22 | -1.06 | -0.46 | -0.5 | -1.35 | -0.95 | | | | | |
| GENE1115X | 15493_at | 15493_at | 1 | -0.87 | -0.13 | 0.34 | -0.65 | -1.16 | -1.55 | - |
| 1.69 | -1.76 | -1.85 | -1.64 | -2.62 | -1.84 | | | | | |
| GENE231X | 12674_at | 12674_at | 1 | -0.74 | -0.11 | -0.27 | -0.55 | -0.67 | -1.14 | - |
| 1.52 | -1.38 | -1.17 | -1.24 | -2.67 | -1.81 | | | | | |
| GENE1414X | 16348_at | 16348_at | 1 | -0.14 | 0.55 | 0.1 | -0.11 | -0.58 | -0.62 | - |
| 1.12 | -1.26 | -1.01 | -0.96 | -1.86 | -1.43 | | | | | |
| GENE278X | 12796_s_at | 12796_s_at | 1 | 0.34 | 0.23 | 0.2 | -0.28 | -0.63 | -0.95 | - |
| 1.36 | -1.46 | -1.45 | -1.51 | -2.16 | -2.22 | | | | | |
| GENE1876X | 17961_at | 17961_at | 1 | -0.01 | 0.21 | 0.23 | -0.31 | -0.91 | -0.71 | - |
| 1.32 | -0.98 | -1.29 | -1.64 | -2.2 | -2.01 | | | | | |
| GENE2427X | 19882_at | 19882_at | 1 | 0.45 | 0.48 | 0.26 | 0.2 | -0.75 | -0.32 | - |
| 2.01 | -1.1 | -1.41 | -1.75 | -2.8 | -2.35 | | | | | |
| GENE755X | 14469_at | 14469_at | 1 | 0.47 | 0.56 | 0.69 | -0.15 | -0.61 | -0.72 | - |
| 1.88 | -1.5 | -1.92 | -2.08 | -2.62 | -1.96 | | | | | |
| GENE490X | 13441_at | 13441_at | 1 | -0.16 | -0.09 | -0.12 | -0.05 | -0.33 | -0.07 | - |
| 1.03 | -0.77 | -0.94 | -0.86 | -1.28 | -1.08 | | | | | |
| GENE266X | 12774_at | 12774_at | 1 | -0.31 | -0.12 | -0.18 | -0.32 | -0.41 | -0.2 | - |
| 1.16 | -0.89 | -1.14 | -1.21 | -2.06 | -1.54 | | | | | |
| GENE2246X | 19180_at | 19180_at | 1 | -0.46 | 0.09 | -0.1 | -0.33 | -1 | -0.35 | - |
| 1.61 | -0.91 | -1.61 | -1.61 | -1.86 | -1.44 | | | | | |
| GENE1682X | 17294_at | 17294_at | 1 | 0.22 | -0.53 | -1 | -0.3 | -1.18 | -1.18 | - |
| 1.02 | -1.13 | -1.83 | -1.05 | -1.61 | -2.45 | | | | | |
| GENE1363X | 16160_f_at | 16160_f_at | 1 | 0.43 | -0.31 | -0.77 | -0.28 | -0.68 | -1.28 | - |
| 0.8 | -0.67 | -1.07 | -1.13 | -1.48 | -1.37 | | | | | |
| GENE956X | 15054_at | 15054_at | 1 | 0.23 | -0.02 | -0.62 | 0 | -0.51 | -0.51 | - |
| 1.58 | -0.97 | -1.85 | -1.74 | -2.51 | -1.89 | | | | | |
| GENE1476X | 16509_at | 16509_at | 1 | 0.25 | -0.1 | -0.43 | 0.1 | -0.83 | -0.69 | - |
| 1.31 | -1.14 | -2.08 | -1.65 | -2.4 | -2.04 | | | | | |
| GENE1953X | 18220_s_at | 18220_s_at | 1 | 0.39 | 0.00261 | | -0.37 | 0.19 | -0.66 | - |
| 0.76 | -1.28 | -1.02 | -2.15 | -1.77 | -2.47 | -2.24 | | | | |
| GENE1875X | 17957_at | 17957_at | 1 | 0.5 | 0.08 | -0.8 | -0.04 | -0.77 | -1.22 | - |
| 2.36 | -1.96 | -3.25 | -2.63 | -3.88 | -4.01 | | | | | |
| GENE2299X | 19382_at | 19382_at | 1 | 0.18 | 0 | -0.4 | 0.18 | -0.58 | -0.95 | - |
| 1.58 | -1.47 | -1.52 | -1.45 | -2.19 | -1.7 | | | | | |
| GENE986X | 15111_s_at | 15111_s_at | 1 | 0.36 | -0.37 | -0.44 | 0.24 | -0.9 | -1.54 | - |
| 2.96 | -1.82 | -2.74 | -2.49 | -3.33 | -2.88 | | | | | |
| GENE157X | 12430_at | 12430_at | 1 | 0.72 | -0.2 | -0.98 | 0.4 | -0.78 | -1.21 | - |
| 2.65 | -1.93 | -2.87 | -2.66 | -3.07 | -2.65 | | | | | |
| GENE1870X | 17947_at | 17947_at | 1 | 0.28 | -0.24 | -0.57 | -0.06 | -0.62 | -1.28 | - |
| 1.16 | -1.05 | -1.78 | -1.62 | -2.09 | -2.29 | | | | | |

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|-----------|------------|------------|-------|-------|-------|-------|-------|-------|-------|---|
| GENE974X | 15093_at | 15093_at | 1 | 0.46 | -0.39 | -0.8 | -0.13 | -1.03 | -1.07 | - |
| | 1.75 | -1.32 | -2.1 | -1.88 | -2.94 | -2.72 | | | | |
| GENE1009X | 15144_s_at | 15144_s_at | 1 | 0.16 | -0.13 | -0.16 | -0.08 | -0.94 | -1.34 | - |
| | 1.48 | -1.5 | -2.71 | -2.31 | -2.54 | -2.79 | | | | |
| GENE564X | 13628_at | 13628_at | 1 | 0.28 | -0.37 | -0.67 | -0.25 | -0.97 | -2.13 | - |
| | 2.97 | -2.46 | -3.66 | -3.51 | -3.97 | -4.23 | | | | |
| GENE565X | 13629_s_at | 13629_s_at | 1 | 0.47 | -0.65 | -0.73 | -0.02 | -0.73 | -1.07 | - |
| | 1.8 | -1.37 | -2.67 | -2.42 | -2.13 | -3.03 | | | | |
| GENE1147X | 15578_s_at | 15578_s_at | 1 | -0.13 | -0.45 | -0.52 | -0.32 | -0.74 | -1.31 | - |
| | 1.35 | -1.12 | -1.34 | -1.64 | -1.96 | -1.92 | | | | |
| GENE2218X | 19063_at | 19063_at | 1 | -0.7 | -0.7 | -0.53 | -1.11 | -1.42 | -3.25 | - |
| | 4.15 | -2.21 | -3.74 | -3.74 | -4.42 | -4.42 | | | | |
| GENE1293X | 16014_at | 16014_at | 1 | 0.28 | -0.24 | -0.49 | -0.03 | -1 | -1.71 | - |
| | 1.73 | -1.24 | -1.73 | -2.07 | -1.79 | -2.11 | | | | |
| GENE1782X | 17573_at | 17573_at | 1 | 0.33 | -0.39 | -0.63 | -0.15 | -0.98 | -1.42 | - |
| | 1.7 | -1.34 | -2.18 | -2.1 | -2.17 | -2.21 | | | | |
| GENE2392X | 19720_at | 19720_at | 1 | -0.36 | -0.22 | -0.47 | -0.25 | -0.76 | -1.12 | - |
| | 1.12 | -1.28 | -1.73 | -1.73 | -1.88 | -2.5 | | | | |
| GENE124X | 12313_g_at | 12313_g_at | 1 | 0.02 | -0.39 | -0.9 | -0.59 | -0.76 | -1.2 | - |
| | 1.95 | -1.77 | -2.83 | -2.41 | -2.35 | -3.07 | | | | |
| GENE367X | 13114_at | 13114_at | 1 | -0.61 | -0.35 | -0.7 | -0.79 | -0.89 | -1.4 | - |
| | 2.5 | -2.86 | -3.78 | -3.52 | -3.5 | -4.08 | | | | |
| GENE2108X | 18683_s_at | 18683_s_at | 1 | -0.66 | 0.14 | -0.5 | -0.68 | -1.15 | -1.62 | - |
| | 2.1 | -1.88 | -2.79 | -2.47 | -3.17 | -2.76 | | | | |
| GENE1067X | 15368_at | 15368_at | 1 | -0.01 | -0.19 | -0.34 | -0.45 | -0.74 | -0.83 | - |
| | 1.09 | -0.97 | -1.54 | -1.46 | -1.4 | -1.5 | | | | |
| GENE2164X | 18890_at | 18890_at | 1 | -0.2 | -0.36 | -1 | -0.36 | -1.19 | -1.52 | - |
| | 2.53 | -1.42 | -3.15 | -2.47 | -2.97 | -2.78 | | | | |
| GENE539X | 13573_at | 13573_at | 1 | -0.07 | -0.36 | -1.09 | -0.78 | -1.05 | -1.24 | - |
| | 2.07 | -1.79 | -2.92 | -2.19 | -3 | -2.75 | | | | |
| GENE2173X | 18924_at | 18924_at | 1 | -0.59 | -0.55 | -1.4 | -0.72 | -1.17 | -1.5 | - |
| | 1.79 | -1.28 | -2.17 | -2.05 | -1.86 | -1.79 | | | | |
| GENE1266X | 15929_at | 15929_at | 1 | -0.28 | -0.87 | -1.97 | -0.87 | -1.65 | -2.34 | - |
| | 3.32 | -2.73 | -3.45 | -2.58 | -2.9 | -2.73 | | | | |
| GENE1603X | 16983_at | 16983_at | 1 | -0.33 | -0.45 | -0.49 | -0.2 | -0.8 | -1.04 | - |
| | 0.93 | -0.83 | -1.22 | -0.88 | -1.25 | -0.99 | | | | |
| GENE442X | 13254_at | 13254_at | 1 | -0.34 | -0.12 | -0.34 | -0.24 | -0.81 | -1.05 | - |
| | 1.08 | -1.33 | -1.68 | -1.12 | -1.31 | -1.33 | | | | |
| GENE1634X | 17067_s_at | 17067_s_at | 1 | -0.18 | -0.11 | -0.36 | -0.38 | -0.68 | -0.9 | - |
| | 0.66 | -0.77 | -1.19 | -1.02 | -0.68 | -0.94 | | | | |
| GENE2535X | 20190_at | 20190_at | 1 | -0.21 | -0.13 | -0.4 | -0.49 | -1.56 | -1.14 | - |
| | 1.57 | -1.17 | -2.26 | -1.82 | -1.75 | -1.29 | | | | |
| GENE1907X | 18031_r_at | 18031_r_at | 1 | -0.02 | 0.16 | -0.61 | -0.52 | -1.73 | -1.51 | - |
| | 1.26 | -1.37 | -2.37 | -2.37 | -1.7 | -1.49 | | | | |
| GENE1906X | 18030_i_at | 18030_i_at | 1 | 0.08 | 0.11 | -0.64 | -0.55 | -1.54 | -1.89 | - |
| | 1.53 | -1.89 | -2.74 | -2.36 | -2.37 | -2.11 | | | | |
| GENE2225X | 19117_s_at | 19117_s_at | 1 | -0.34 | -0.25 | -0.64 | -0.43 | -0.74 | -0.2 | - |
| | 0.76 | -1.19 | -1.45 | -1.09 | -1.28 | -1.38 | | | | |
| GENE677X | 14063_at | 14063_at | 1 | -0.12 | -0.07 | -0.47 | -0.45 | -0.98 | -0.68 | - |
| | 0.66 | -0.95 | -1.63 | -1.34 | -0.97 | -1.59 | | | | |
| GENE912X | 14940_i_at | 14940_i_at | 1 | -0.5 | -0.68 | -0.75 | -0.35 | -1.58 | -0.86 | - |
| | 1.2 | -1.2 | -1.76 | -1.58 | -1.2 | -2.1 | | | | |
| GENE1137X | 15548_at | 15548_at | 1 | -0.89 | -0.85 | -1.16 | -0.49 | -1.4 | -1.2 | - |
| | 1.78 | -1.25 | -2.88 | -2.62 | -1.63 | -2.63 | | | | |
| GENE469X | 13322_at | 13322_at | 1 | 0.57 | -0.63 | -1.44 | -0.59 | -1.35 | -2.4 | - |
| | 2.76 | -2.76 | -3.78 | -3.78 | -2.76 | -2.76 | | | | |

| | | | | | | | | | | |
|-----------|------------|------------|-------|----------|-------|----------|-------|-------|-------|----|
| GENE2385X | 19695_at | 19695_at | 1 | 0.38 | -0.19 | -2 | -1.25 | -1.62 | -2.43 | - |
| | 4.26 | -4.26 | -5.11 | -4.62 | -4.26 | -4.26 | | | | |
| GENE2226X | 19125_s_at | 19125_s_at | 1 | 0.24 | -0.28 | -1.25 | -0.75 | -0.65 | -1.06 | - |
| | 1.72 | -1.64 | -2.26 | -2.16 | -2.53 | -1.99 | | | | |
| GENE996X | 15127_s_at | 15127_s_at | 1 | -0.00531 | | -0.36 | -0.76 | -0.33 | -0.51 | - |
| | 0.58 | -0.74 | -0.82 | -0.87 | -1.14 | -1.08 | -0.91 | | | |
| GENE584X | 13662_at | 13662_at | 1 | 0.09 | -0.25 | -0.46 | -0.09 | -0.48 | -0.24 | - |
| | 0.57 | -0.94 | -1.22 | -1.78 | -0.99 | -1 | | | | |
| GENE2049X | 18565_i_at | 18565_i_at | 1 | -0.00633 | | 0.1 | -0.32 | -0.34 | -0.39 | - |
| | 0.68 | -0.27 | -0.5 | -1.01 | -1.25 | -0.69 | -0.72 | | | |
| GENE2050X | 18566_s_at | 18566_s_at | 1 | -0.02 | -0.03 | -0.55 | -0.57 | -0.45 | -0.81 | - |
| | 0.92 | -0.92 | -1.4 | -1.58 | -1.09 | -1.26 | | | | |
| GENE1504X | 16583_s_at | 16583_s_at | 1 | 0.09 | -0.11 | -1.18 | -1.2 | -1.28 | -1.57 | - |
| | 1.43 | -1.37 | -3.09 | -2.57 | -2.17 | -2.01 | | | | |
| GENE700X | 14118_i_at | 14118_i_at | 1 | 0.43 | -0.11 | -0.21 | 0.49 | -1.62 | -0.94 | - |
| | 0.92 | -0.67 | -1.81 | -1.5 | -1.58 | -0.96 | | | | |
| GENE82X | 12195_at | 12195_at | 1 | 0.75 | 0.24 | 0.01 | 0.55 | -0.85 | -0.89 | - |
| | 1.03 | -1.05 | -1.37 | -1.34 | -1.09 | -1.05 | | | | |
| GENE2156X | 18866_at | 18866_at | 1 | 1.44 | 0.35 | -0.87 | 0.2 | -1.58 | -1.36 | -1 |
| | -1.45 | -1.84 | -1.84 | -2.13 | -2.13 | | | | | |
| GENE19X | 12029_at | 12029_at | 1 | 0.36 | 0.36 | 0.18 | 0.43 | -0.46 | -1.06 | - |
| | 0.7 | -0.73 | -0.77 | -0.81 | -0.97 | -1.32 | | | | |
| GENE1161X | 15608_at | 15608_at | 1 | 0.15 | 0.42 | 0.19 | 0.2 | 0.1 | -0.53 | - |
| | 0.59 | -0.52 | -0.63 | -0.79 | -1.08 | -1.27 | | | | |
| GENE1473X | 16503_at | 16503_at | 1 | 0.29 | 0.21 | 0.2 | 0.27 | -0.34 | -0.33 | - |
| | 0.5 | -0.43 | -0.92 | -0.93 | -1.06 | -0.92 | | | | |
| GENE2105X | 18678_at | 18678_at | 1 | 0.33 | 0.4 | 0.27 | 0.25 | -0.59 | -0.56 | - |
| | 0.55 | -0.44 | -1.11 | -1 | -1.2 | -1.02 | | | | |
| GENE2684X | 20612_s_at | 20612_s_at | 1 | 0.35 | 0.67 | 0.31 | 0.41 | -0.87 | -0.55 | - |
| | 1.37 | -0.5 | -1.45 | -1.37 | -1.5 | -1.37 | | | | |
| GENE863X | 14726_s_at | 14726_s_at | 1 | 0.16 | 0.3 | 0.14 | 0.39 | -0.36 | -0.98 | - |
| | 0.92 | -0.46 | -1.68 | -1.65 | -1.28 | -1.03 | | | | |
| GENE967X | 15084_at | 15084_at | 1 | 0.26 | 0.13 | 0.43 | 0.13 | -1.18 | -0.94 | - |
| | 2.25 | -0.66 | -2.05 | -1.55 | -2.49 | -1.49 | | | | |
| GENE274X | 12791_r_at | 12791_r_at | 1 | 0.38 | 0.33 | 0.22 | 0.3 | -0.43 | -0.41 | - |
| | 1.6 | -0.78 | -1.65 | -1.46 | -1.57 | -1.17 | | | | |
| GENE275X | 12792_s_at | 12792_s_at | 1 | 0.34 | 0.4 | 0.32 | 0.45 | -0.24 | -0.97 | - |
| | 2.29 | -1.22 | -2.04 | -1.79 | -2.17 | -2.01 | | | | |
| GENE328X | 13001_at | 13001_at | 1 | 0.81 | 0.13 | -0.39 | 0.21 | -0.48 | -0.37 | - |
| | 1.14 | -0.64 | -1.26 | -1.02 | -1.61 | -1.51 | | | | |
| GENE1436X | 16428_at | 16428_at | 1 | 0.37 | 0.1 | 0.03 | 0.46 | -0.52 | -0.71 | - |
| | 0.8 | -0.59 | -1.05 | -1.08 | -1.59 | -1.28 | | | | |
| GENE1631X | 17054_s_at | 17054_s_at | 1 | 0.95 | 0.42 | -0.21 | 0.56 | -0.8 | -1.11 | - |
| | 1.72 | -1.48 | -1.99 | -2.02 | -2.44 | -2.19 | | | | |
| GENE22X | 12034_at | 12034_at | 1 | 0.67 | 0.15 | -0.28 | 0.39 | -0.94 | -0.94 | - |
| | 1.46 | -1.17 | -1.98 | -1.51 | -2.5 | -2.14 | | | | |
| GENE18X | 12028_at | 12028_at | 1 | 0.76 | 0.44 | -0.1 | 0.69 | -0.71 | -1.35 | - |
| | 2.04 | -1.73 | -2.71 | -2.13 | -2.67 | -3.8 | | | | |
| GENE992X | 15122_at | 15122_at | 1 | 0.1 | -0.06 | 0.05 | 0.19 | 0.02 | -0.32 | - |
| | 0.48 | -0.34 | -0.45 | -0.94 | -0.82 | -1.08 | | | | |
| GENE825X | 14622_at | 14622_at | 1 | 0.52 | -0.05 | -0.11 | 0.15 | -0.04 | -0.39 | - |
| | 0.63 | -0.45 | -0.84 | -1.15 | -0.97 | -1.41 | | | | |
| GENE1496X | 16554_s_at | 16554_s_at | 1 | 0.52 | 0.09 | 0.4 | 0.91 | -0.41 | -0.41 | - |
| | 1.24 | -0.82 | -1.19 | -1.35 | -1.46 | -1.51 | | | | |
| GENE987X | 15114_s_at | 15114_s_at | 1 | 0.31 | -0.01 | -0.00882 | | 0.26 | -0.08 | - |
| | 0.06 | -0.66 | -0.4 | -0.84 | -0.67 | -0.82 | -1.04 | | | |

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|-----------|------------|------------|-------|-------|---------|----------|-------|-------|-------|
| GENE91X | 12223_s_at | 12223_s_at | 1 | 0.59 | 0.07 | -0.00738 | 0.55 | -0.16 | - |
| | 0.05 | -1.57 | -1.16 | -1.5 | -1.44 | -2.44 | -2.09 | | |
| GENE1917X | 18073_g_at | 18073_g_at | 1 | 0.21 | 0.1 | -0.00621 | 0.27 | -0.42 | - |
| | 0.42 | -0.49 | -0.31 | -1.07 | -0.86 | -1.4 | -0.93 | | |
| GENE2295X | 19375_at | 19375_at | 1 | 0.4 | 0.18 | -0.03 | 0.27 | -0.34 | -0.46 |
| | 0.65 | -0.37 | -1.24 | -0.73 | -1.51 | -0.89 | | | |
| GENE1919X | 18075_r_at | 18075_r_at | 1 | 0.18 | 0.09 | -0.06 | 0.16 | -0.59 | -0.07 |
| | 0.62 | -0.21 | -1.24 | -0.81 | -1.37 | -0.97 | | | |
| GENE800X | 14563_at | 14563_at | 1 | 0.54 | 0.23 | -0.21 | 0.24 | -0.5 | -0.2 |
| | 0.87 | -0.55 | -1.71 | -1.62 | -1.94 | -1.88 | | | |
| GENE1448X | 16455_at | 16455_at | 1 | 0.14 | 0.13 | -0.04 | 0.12 | -0.44 | -0.27 |
| | 0.67 | -0.34 | -1.47 | -1.21 | -1.68 | -1.18 | | | |
| GENE989X | 15117_at | 15117_at | 1 | 0.27 | 0.12 | -0.19 | 0.32 | -0.55 | -0.53 |
| | 0.93 | -0.46 | -1.67 | -1.34 | -1.9 | -1.73 | | | |
| GENE247X | 12741_at | 12741_at | 1 | 0.42 | 0.23 | -0.31 | 0.36 | -0.54 | -0.52 |
| | 0.9 | -0.58 | -2.01 | -1.53 | -2.3 | -1.84 | | | |
| GENE964X | 15079_at | 15079_at | 1 | -0.06 | 0.07 | 0.11 | -0.18 | -0.8 | -0.66 |
| | 0.8 | -0.22 | -1.28 | -1.08 | -1.51 | -1.29 | | | |
| GENE1928X | 18088_i_at | 18088_i_at | 1 | 0.11 | -0.07 | -0.3 | -0.16 | -0.54 | -0.38 |
| | 0.64 | -0.5 | -1.28 | -1.17 | -1.61 | -1.32 | | | |
| GENE1174X | 15634_s_at | 15634_s_at | 1 | 0.12 | -0.04 | -0.29 | -0.35 | -0.66 | -0.4 |
| | 0.79 | -0.7 | -1.75 | -1.19 | -1.81 | -1.68 | | | |
| GENE1909X | 18046_s_at | 18046_s_at | 1 | -0.17 | 0.06 | -0.23 | 0.12 | -1.03 | -0.46 |
| | 1.26 | -0.77 | -2.01 | -1.63 | -2.07 | -1.89 | | | |
| GENE1929X | 18089_r_at | 18089_r_at | 1 | 0.06 | -0.02 | -0.19 | -0.07 | -0.34 | -0.59 |
| | 0.51 | -0.23 | -1.07 | -0.95 | -1.34 | -1 | | | |
| GENE1640X | 17087_at | 17087_at | 1 | 0.24 | -0.12 | -0.24 | 0.03 | -0.5 | -0.66 |
| | 0.83 | -0.39 | -1.59 | -1.55 | -1.95 | -1.65 | | | |
| GENE535X | 13567_at | 13567_at | 1 | 0.11 | 0.00449 | -0.31 | -0.27 | -0.67 | - |
| | 0.7 | -0.79 | -0.41 | -2.12 | -1.78 | -2.18 | -1.87 | | |
| GENE23X | 12036_at | 12036_at | 1 | 0.17 | -0.1 | -0.28 | 0.19 | -0.58 | -0.36 |
| | 0.91 | -0.28 | -1.44 | -1.27 | -1.84 | -1.19 | | | |
| GENE2104X | 18677_at | 18677_at | 1 | 0.19 | -0.29 | -0.47 | -0.12 | -0.77 | -0.54 |
| | 0.93 | -0.48 | -1.95 | -1.4 | -2.18 | -1.6 | | | |
| GENE1920X | 18076_s_at | 18076_s_at | 1 | 0.17 | -0.14 | -0.27 | 0.07 | -0.5 | -0.23 |
| | 0.72 | -0.34 | -1.51 | -1.1 | -1.78 | -1.25 | | | |
| GENE3X | 11994_at | 11994_at | 1 | 0.61 | -0.29 | -0.79 | 0.03 | -1.1 | -0.51 |
| | 1.57 | -0.76 | -2.93 | -2.51 | -3.51 | -2.93 | | | |
| GENE1922X | 18080_at | 18080_at | 1 | 0.09 | 0.11 | 0.04 | 0.16 | -0.46 | -0.18 |
| | 0.35 | -0.24 | -1.08 | -0.86 | -1.1 | -0.55 | | | |
| GENE1434X | 16424_g_at | 16424_g_at | 1 | 0.1 | 0.17 | -0.03 | 0.15 | -0.37 | -0.15 |
| | 0.29 | -0.03 | -1.06 | -1.04 | -1.03 | -0.59 | | | |
| GENE1924X | 18082_at | 18082_at | 1 | 0.04 | 0.06 | -0.08 | 0.06 | -0.43 | -0.22 |
| | 0.38 | -0.12 | -1.04 | -1.08 | -1.25 | -0.67 | | | |
| GENE1285X | 15995_at | 15995_at | 1 | 0.05 | 0.06 | -0.05 | 0.05 | -0.24 | -0.06 |
| | 0.18 | -0.03 | -0.98 | -0.93 | -1.12 | -0.86 | | | |
| GENE1300X | 16024_at | 16024_at | 1 | 0.14 | 0.01 | -0.2 | 0.19 | -0.21 | -0.08 |
| | 0.42 | -0.05 | -1.25 | -1.04 | -1.38 | -1.22 | | | |
| GENE1444X | 16449_s_at | 16449_s_at | 1 | 0.07 | -0.0061 | -0.22 | 0.05 | -0.4 | - |
| | 0.15 | -0.43 | -0.19 | -1.42 | -1.13 | -1.58 | -1.27 | | |
| GENE977X | 15097_at | 15097_at | 1 | -0.2 | -0.07 | -0.33 | -0.14 | -0.52 | -0.33 |
| | 0.62 | 0.08 | -1.97 | -1.56 | -2.08 | -1.6 | | | |
| GENE946X | 15035_at | 15035_at | 1 | 0.25 | -0.08 | -0.43 | -0.16 | -0.33 | -0.02 |
| | 0.48 | -0.13 | -1.24 | -1.08 | -1.81 | -1.37 | | | |
| GENE2129X | 18732_i_at | 18732_i_at | 1 | 0.05 | 0.06 | -0.07 | -0.11 | -0.13 | -0.27 |
| | 0.54 | -0.14 | -1.11 | -0.97 | -1.47 | -1.09 | | | |

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|-----------|------------|------------|-------|-------|----------|-------|-------|-------|-------|---|
| GENE1431X | 16414_at | 16414_at | 1 | 0.13 | 0.11 | -0.18 | 0.02 | -0.41 | -0.14 | - |
| | 0.52 | -0.35 | -1.24 | -1.07 | -1.79 | -1.44 | | | | |
| GENE282X | 12800_at | 12800_at | 1 | 0.12 | 0.00854 | | -0.13 | 0.09 | -0.51 | - |
| | 0.31 | -0.68 | -0.35 | -1.27 | -1.15 | -1.71 | -1.59 | | | |
| GENE1964X | 18247_at | 18247_at | 1 | 0.25 | 0.04 | -0.18 | 0.05 | -0.53 | -0.54 | - |
| | 1.06 | -0.66 | -2.09 | -1.48 | -2.66 | -2.3 | | | | |
| GENE1540X | 16687_at | 16687_at | 1 | 0.29 | -0.00305 | | -0.28 | 0.24 | -0.25 | - |
| | 0.4 | -0.32 | -0.21 | -0.69 | -0.91 | -1 | -0.68 | | | |
| GENE2267X | 19224_at | 19224_at | 1 | 0.27 | -0.09 | -0.16 | -0.01 | -0.37 | -0.47 | - |
| | 0.84 | -0.24 | -0.9 | -1.26 | -1.2 | -1.1 | | | | |
| GENE867X | 14730_s_at | 14730_s_at | 1 | 0.02 | -0.24 | -0.23 | 0.01 | -0.08 | -0.44 | - |
| | 0.37 | -0.2 | -0.71 | -1.06 | -0.99 | -0.86 | | | | |
| GENE432X | 13234_s_at | 13234_s_at | 1 | -0.07 | 0.04 | -0.21 | -0.1 | -0.28 | -0.83 | - |
| | 0.37 | -0.28 | -1.03 | -0.98 | -1.31 | -0.75 | | | | |
| GENE2297X | 19379_at | 19379_at | 1 | 0.18 | 0.11 | -0.44 | 0 | -0.37 | -0.37 | - |
| | 0.53 | -0.31 | -1.08 | -0.63 | -1.08 | -0.88 | | | | |
| GENE1713X | 17395_s_at | 17395_s_at | 1 | 0.05 | 0.08 | -0.34 | -0.29 | -0.45 | -0.62 | - |
| | 0.39 | -0.32 | -1.06 | -0.78 | -1.34 | -1.09 | | | | |
| GENE1356X | 16135_at | 16135_at | 1 | -0.1 | -0.2 | -0.56 | -0.13 | -0.74 | -0.52 | - |
| | 0.68 | -0.63 | -1.59 | -1.3 | -1.63 | -1.17 | | | | |
| GENE271X | 12785_at | 12785_at | 1 | 0.14 | -0.39 | -0.92 | -0.02 | -1.16 | -0.99 | - |
| | 1.23 | -1.17 | -2.81 | -2.35 | -2.68 | -2.2 | | | | |
| GENE713X | 14269_at | 14269_at | 1 | -0.02 | -0.33 | -0.51 | -0.03 | -0.76 | -0.65 | - |
| | 1.32 | -0.83 | -1.77 | -1.29 | -2.15 | -1.4 | | | | |
| GENE1981X | 18274_s_at | 18274_s_at | 1 | 0.15 | 0.01 | -0.51 | -0.25 | -1.05 | -0.78 | - |
| | 1.51 | -0.77 | -2.39 | -1.74 | -2.64 | -1.75 | | | | |
| GENE1913X | 18052_s_at | 18052_s_at | 1 | 0.09 | -0.57 | -0.93 | -0.36 | -0.58 | -0.99 | - |
| | 1.44 | -0.9 | -1.99 | -1.68 | -2.29 | -1.56 | | | | |
| GENE335X | 13020_at | 13020_at | 1 | 0.13 | -0.41 | -0.62 | -0.35 | -0.51 | -0.89 | - |
| | 0.91 | -0.79 | -1.81 | -1.77 | -2.36 | -1.54 | | | | |
| GENE962X | 15074_s_at | 15074_s_at | 1 | -0.66 | -1 | -1.34 | -1.07 | -1.12 | -1 | - |
| | 1.05 | -1.64 | -0.83 | -0.43 | -1.42 | -1.42 | | | | |
| GENE777X | 14512_r_at | 14512_r_at | 1 | -0.53 | -1.41 | -2.07 | -0.86 | -0.42 | -1.26 | - |
| | 0.92 | -1.9 | -1.29 | -0.85 | -1.6 | -1.17 | | | | |
| GENE74X | 12181_at | 12181_at | 1 | -0.12 | -0.35 | -0.86 | -1.1 | -0.2 | -0.54 | - |
| | 0.95 | -1.04 | -1 | -0.34 | -0.78 | -0.31 | | | | |
| GENE483X | 13422_at | 13422_at | 1 | 0.02 | -0.63 | -1.02 | -0.49 | -0.76 | -0.66 | - |
| | 0.72 | -0.75 | -0.46 | -0.54 | -0.69 | -0.38 | | | | |
| GENE884X | 14808_i_at | 14808_i_at | 1 | 0.04 | -1.14 | -1.41 | -0.47 | -1.86 | -0.79 | - |
| | 1.32 | -1.26 | -1.69 | -1.12 | -1.5 | -1.28 | | | | |
| GENE1029X | 15186_s_at | 15186_s_at | 1 | 0.01 | -0.79 | -1.65 | -0.73 | -1.04 | -1.64 | - |
| | 0.88 | -0.96 | -1.34 | -0.86 | -1.01 | -1.42 | | | | |
| GENE2118X | 18696_s_at | 18696_s_at | 1 | 0.14 | -1.17 | -1.94 | -0.58 | -1.17 | -1.32 | - |
| | 1.48 | -1.1 | -1.24 | -1.28 | -1.58 | -1.48 | | | | |
| GENE468X | 13319_at | 13319_at | 1 | -0.35 | -0.43 | -1.06 | -0.93 | -0.63 | -0.63 | - |
| | 0.94 | -0.94 | -1.49 | -0.32 | -1.29 | -1.1 | | | | |
| GENE108X | 12253_g_at | 12253_g_at | 1 | -0.19 | -0.45 | -0.9 | -0.73 | -0.63 | -0.44 | - |
| | 0.93 | -0.82 | -1.7 | -0.66 | -1.31 | -1.35 | | | | |
| GENE1194X | 15671_s_at | 15671_s_at | 1 | -0.59 | -0.83 | -1.42 | -0.97 | -1.26 | -0.67 | - |
| | 1.75 | -1.43 | -1.88 | -1 | -2.05 | -2.17 | | | | |
| GENE1835X | 17865_at | 17865_at | 1 | -0.51 | -0.25 | -1.01 | -0.87 | -1.06 | -0.77 | - |
| | 1.6 | -0.91 | -2.13 | -0.92 | -1.8 | -1.11 | | | | |
| GENE2257X | 19200_s_at | 19200_s_at | 1 | 0 | -0.47 | -0.84 | -0.32 | -0.52 | -0.39 | - |
| | 0.69 | -0.55 | -0.98 | -0.74 | -1.23 | -0.83 | | | | |
| GENE473X | 13353_at | 13353_at | 1 | -0.09 | -0.74 | -1.83 | -0.65 | -0.84 | -1.22 | - |
| | 1.7 | -1.52 | -1.97 | -1.27 | -2.61 | -1.8 | | | | |

| | | | | | | | | | | |
|-----------|------------|------------|-------|-------|-------|-------|-------|-------|-------|---|
| GENE2604X | 20376_at | 20376_at | 1 | 0.1 | -0.34 | -1.54 | -0.92 | -0.77 | -1.02 | - |
| | 1.06 | -0.82 | -1.72 | -1.26 | -1.93 | -1.35 | | | | |
| GENE15X | 12020_at | 12020_at | 1 | 0.11 | -0.34 | -0.46 | -0.64 | -0.58 | -0.36 | - |
| | 1.12 | -0.79 | -0.96 | -0.68 | -1.23 | -0.71 | | | | |
| GENE1375X | 16214_at | 16214_at | 1 | 0.22 | -1 | -1.49 | -1.06 | -1.1 | -0.56 | - |
| | 1.75 | -1.61 | -1.61 | -1.17 | -2.44 | -1.66 | | | | |
| GENE2088X | 18647_at | 18647_at | 1 | -0.16 | -0.61 | -1.19 | -0.65 | -0.21 | -0.31 | - |
| | 1.63 | -1.19 | -1.46 | -0.71 | -1.14 | -1 | | | | |
| GENE1094X | 15451_at | 15451_at | 1 | -0.08 | -0.96 | -1.3 | -0.49 | -0.78 | -0.43 | - |
| | 1.97 | -1.27 | -2 | -1.19 | -1.36 | -0.93 | | | | |
| GENE568X | 13635_at | 13635_at | 1 | -0.14 | -1.19 | -1.79 | -1.04 | -1.32 | -1.4 | - |
| | 1.8 | -1.31 | -1.86 | -1.61 | -1.17 | -1.57 | | | | |
| GENE930X | 14994_at | 14994_at | 1 | -0.82 | -1.13 | -1.87 | -1.38 | -1.67 | -1.54 | - |
| | 2.13 | -1.29 | -1.67 | -1.83 | -1.45 | -1.65 | | | | |
| GENE778X | 14513_s_at | 14513_s_at | 1 | -1.04 | -1.56 | -2.2 | -1.14 | -1.48 | -2.07 | - |
| | 2.02 | -1.8 | -2.73 | -2.12 | -2.67 | -2.1 | | | | |
| GENE327X | 12993_s_at | 12993_s_at | 1 | -0.25 | -0.33 | -0.72 | -0.61 | -1.08 | -1.08 | - |
| | 1.18 | -1.18 | -1.02 | -0.68 | -1.18 | -1.23 | | | | |
| GENE1582X | 16921_at | 16921_at | 1 | -0.29 | -0.21 | -0.53 | -0.34 | -0.77 | -0.8 | - |
| | 1.4 | -0.84 | -1.36 | -1.05 | -0.96 | -0.63 | | | | |
| GENE2212X | 19017_at | 19017_at | 1 | -0.24 | -1.43 | -2.56 | -0.87 | -2.06 | -1.68 | - |
| | 3.55 | -2.01 | -4.02 | -2.71 | -3.7 | -2.59 | | | | |
| GENE2214X | 19034_at | 19034_at | 1 | -0.37 | -1.43 | -1.91 | -0.93 | -2.25 | -2.42 | - |
| | 3.67 | -2.15 | -3.19 | -2.92 | -4.1 | -2.7 | | | | |
| GENE321X | 12964_at | 12964_at | 1 | -0.54 | -0.99 | -0.93 | -0.73 | -0.62 | -0.73 | - |
| | 0.54 | -0.67 | -0.96 | -1.14 | -0.86 | -1.13 | | | | |
| GENE773X | 14505_at | 14505_at | 1 | -1.1 | -2.8 | -2.63 | -1.41 | -1.03 | -0.77 | - |
| | 1.07 | -1.44 | -2.77 | -1.77 | -1.92 | -1.92 | | | | |
| GENE1234X | 15849_at | 15849_at | 1 | -0.51 | -1.45 | -1.74 | -0.81 | -0.79 | -0.6 | - |
| | 1.58 | -0.39 | -1.74 | -1.64 | -1.58 | -1.63 | | | | |
| GENE1887X | 17995_s_at | 17995_s_at | 1 | -0.35 | -0.62 | -0.92 | -0.65 | -0.57 | -0.3 | - |
| | 0.58 | -0.38 | -1.19 | -0.76 | -1.1 | -0.89 | | | | |
| GENE2337X | 19466_s_at | 19466_s_at | 1 | -0.78 | -1.46 | -1.81 | -1.35 | -1.04 | -0.66 | - |
| | 1.49 | -0.77 | -2.61 | -1.89 | -2.33 | -1.3 | | | | |
| GENE1559X | 16802_s_at | 16802_s_at | 1 | -0.2 | -0.76 | -1.08 | -0.72 | -0.64 | -0.35 | - |
| | 1.14 | -0.59 | -1.54 | -1.24 | -1.25 | -0.95 | | | | |
| GENE2054X | 18579_at | 18579_at | 1 | -0.89 | -1.53 | -2.09 | -1.85 | -1.75 | -1.19 | - |
| | 2.29 | -1.33 | -3.65 | -2.51 | -2.56 | -2.21 | | | | |
| GENE901X | 14899_at | 14899_at | 1 | -0.47 | -0.81 | -1.07 | -0.89 | -1 | -0.2 | - |
| | 0.9 | -0.64 | -0.87 | -1.05 | -1.13 | -0.93 | | | | |
| GENE559X | 13618_s_at | 13618_s_at | 1 | -0.84 | -1.09 | -1.27 | -1.02 | -1.17 | -0.7 | - |
| | 0.97 | -0.89 | -1.72 | -1.33 | -1.87 | -1.41 | | | | |
| GENE128X | 12319_at | 12319_at | 1 | -1.54 | -2.12 | -2.8 | -2.54 | -2.24 | -1.53 | - |
| | 2.88 | -1.88 | -3.37 | -3.37 | -2.88 | -2.88 | | | | |
| GENE1809X | 17701_at | 17701_at | 1 | -0.66 | -1.18 | -1.83 | -1.07 | -0.31 | -0.15 | - |
| | 0.62 | -0.39 | -1.81 | -1.48 | -1.17 | -1 | | | | |
| GENE2018X | 18369_at | 18369_at | 1 | -0.7 | -1.56 | -2.15 | -0.97 | -0.73 | -0.23 | - |
| | 0.82 | -0.77 | -2.18 | -1.65 | -1.85 | -1.12 | | | | |
| GENE1384X | 16242_at | 16242_at | 1 | -0.59 | -1.28 | -1.61 | -1.61 | -0.95 | -0.66 | - |
| | 0.87 | -0.53 | -1.93 | -1.81 | -1.5 | -1.01 | | | | |
| GENE1333X | 16081_s_at | 16081_s_at | 1 | -0.77 | -1.49 | -1.82 | -1.28 | -0.57 | -0.61 | - |
| | 1.07 | -0.86 | -1.5 | -1.66 | -1.56 | -0.98 | | | | |
| GENE1471X | 16501_s_at | 16501_s_at | 1 | -0.87 | -1.68 | -2.12 | -1.59 | -0.52 | -0.47 | - |
| | 1.52 | -0.96 | -2.43 | -2.01 | -1.73 | -1.8 | | | | |
| GENE2540X | 20198_at | 20198_at | 1 | -0.42 | -0.47 | -0.96 | -0.44 | -0.65 | -0.49 | - |
| | 0.55 | -0.25 | -1.22 | -0.74 | -1.25 | -0.58 | | | | |

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|-----------|------------|------------|-------|-------|-------|-------|-------|-------|-------|---|
| GENE2485X | 20024_s_at | 20024_s_at | 1 | -0.39 | -0.67 | -1.38 | -0.7 | -0.72 | -0.72 | - |
| | 0.56 | -0.22 | -1.58 | -0.93 | -1.44 | -1.13 | | | | |
| GENE1204X | 15689_at | 15689_at | 1 | -0.69 | -0.89 | -1.19 | -0.79 | -0.38 | -0.32 | - |
| | 0.76 | -0.01 | -1.56 | -1.19 | -1.68 | -0.91 | | | | |
| GENE376X | 13124_at | 13124_at | 1 | -0.39 | -0.74 | -1.32 | -0.66 | -0.57 | -0.13 | - |
| | 0.69 | -0.1 | -1.42 | -1.25 | -1.86 | -1.01 | | | | |
| GENE1567X | 16860_at | 16860_at | 1 | -0.64 | -0.76 | -1.27 | -1.01 | -0.54 | 0.09 | - |
| | 0.87 | -0.5 | -1.58 | -1.28 | -1.82 | -1.01 | | | | |
| GENE1525X | 16631_s_at | 16631_s_at | 1 | -0.53 | -1.01 | -1.36 | -1.16 | -0.41 | 0.01 | - |
| | 0.59 | -0.46 | -1.75 | -1.45 | -1.97 | -1.28 | | | | |
| GENE2325X | 19446_i_at | 19446_i_at | 1 | -0.5 | -0.94 | -1.71 | -1.04 | -0.33 | 0.1 | - |
| | 0.93 | -0.5 | -2.01 | -1.24 | -1.87 | -1.46 | | | | |
| GENE1589X | 16949_s_at | 16949_s_at | 1 | -0.87 | -1.17 | -1.75 | -1.19 | -0.68 | -0.06 | - |
| | 1.52 | -0.46 | -2.28 | -1.34 | -2.45 | -1.73 | | | | |
| GENE1180X | 15645_s_at | 15645_s_at | 1 | 0.05 | -0.58 | -1.33 | -0.53 | -0.49 | -0.31 | - |
| | 0.59 | -0.43 | -1.6 | -1.48 | -1.3 | -1.01 | | | | |
| GENE1265X | 15928_at | 15928_at | 1 | -0.21 | -1.3 | -1.71 | -0.68 | -0.6 | -0.7 | - |
| | 1.11 | -0.46 | -2.36 | -2.15 | -2.02 | -1.77 | | | | |
| GENE576X | 13651_at | 13651_at | 1 | -0.43 | -1.51 | -2.19 | -0.76 | -0.93 | -0.83 | - |
| | 1.03 | -0.53 | -2.88 | -2.82 | -2.26 | -2.1 | | | | |
| GENE569X | 13637_at | 13637_at | 1 | -0.53 | -1.08 | -1.96 | -0.98 | -1.24 | -0.59 | - |
| | 1.19 | -0.67 | -2.88 | -2.44 | -1.79 | -2.06 | | | | |
| GENE1510X | 16598_s_at | 16598_s_at | 1 | -0.4 | -0.97 | -1.84 | -1.08 | -1 | -0.41 | - |
| | 1.1 | -0.59 | -2.41 | -2.02 | -1.98 | -1.49 | | | | |
| GENE1768X | 17536_at | 17536_at | 1 | -0.59 | -0.85 | -1.66 | -1.1 | -0.77 | -0.23 | - |
| | 1.11 | -1.15 | -2.05 | -1.58 | -1.5 | -1.59 | | | | |
| GENE1218X | 15783_s_at | 15783_s_at | 1 | -0.26 | -0.8 | -1.11 | -0.59 | -0.28 | -0.4 | - |
| | 0.57 | -0.6 | -1.23 | -1.09 | -1.15 | -0.89 | | | | |
| GENE1506X | 16592_s_at | 16592_s_at | 1 | -0.27 | -0.76 | -1.21 | -0.84 | -0.32 | -0.16 | - |
| | 0.68 | -0.59 | -1.4 | -1.25 | -1.32 | -1.3 | | | | |
| GENE1368X | 16172_at | 16172_at | 1 | -0.58 | -0.78 | -1.56 | -1.12 | -0.65 | -0.41 | - |
| | 0.62 | -0.81 | -1.81 | -1.55 | -1.76 | -1.21 | | | | |
| GENE286X | 12810_at | 12810_at | 1 | -0.2 | -0.8 | -1.55 | -0.9 | -0.91 | -0.51 | - |
| | 0.66 | -0.18 | -1.67 | -1.15 | -1.34 | -1.44 | | | | |
| GENE725X | 14386_at | 14386_at | 1 | -0.85 | -1.43 | -2.71 | -2 | -1.25 | -0.93 | - |
| | 0.94 | -0.62 | -3.1 | -2.15 | -2.12 | -2.78 | | | | |
| GENE621X | 13903_at | 13903_at | 1 | -0.39 | -1.68 | -2.49 | -1.85 | -1.56 | -0.49 | - |
| | 1.33 | -0.49 | -2.85 | -2.79 | -2.89 | -2.46 | | | | |
| GENE931X | 14995_at | 14995_at | 1 | -0.46 | -0.9 | -1.17 | -0.64 | -0.16 | -0.19 | - |
| | 0.7 | -0.89 | -0.86 | -1.45 | -0.63 | -0.63 | | | | |
| GENE439X | 13250_s_at | 13250_s_at | 1 | -0.24 | -0.41 | -1.41 | -0.67 | -0.04 | -0.04 | - |
| | 0.76 | -0.58 | -0.54 | -1.41 | -1.42 | -0.86 | | | | |
| GENE2001X | 18309_s_at | 18309_s_at | 1 | -0.25 | -0.39 | -0.78 | -0.57 | -0.43 | -0.38 | - |
| | 0.77 | -0.68 | -0.64 | -1.08 | -0.84 | -0.74 | | | | |
| GENE1753X | 17495_s_at | 17495_s_at | 1 | -0.34 | -0.61 | -1.03 | -0.46 | -0.57 | -0.42 | - |
| | 0.88 | -0.93 | -1 | -1.11 | -1.17 | -0.65 | | | | |
| GENE2149X | 18800_at | 18800_at | 1 | -0.67 | -1.56 | -1.79 | -1.24 | -1.53 | -0.61 | - |
| | 1.69 | -1.98 | -2.53 | -2.53 | -2.15 | -1.82 | | | | |
| GENE671X | 14045_at | 14045_at | 1 | 0.01 | -0.59 | -1.08 | -0.94 | -0.33 | -0.1 | - |
| | 0.84 | -0.94 | -0.94 | -0.94 | -1.25 | -0.98 | | | | |
| GENE2396X | 19752_s_at | 19752_s_at | 1 | -0.12 | -0.42 | -0.98 | -0.52 | -0.54 | -0.07 | - |
| | 0.73 | -0.55 | -1.12 | -1.05 | -1.16 | -0.82 | | | | |
| GENE1882X | 17975_at | 17975_at | 1 | -0.28 | -0.77 | -2.33 | -1.47 | -0.92 | -0.31 | - |
| | 2.1 | -1.54 | -2.82 | -2.82 | -3.38 | -2.82 | | | | |
| GENE1912X | 18051_r_at | 18051_r_at | 1 | -0.15 | -0.62 | -1.32 | -0.42 | -0.54 | -0.23 | - |
| | 1.18 | -1.1 | -1.24 | -1.24 | -1.74 | -1.2 | | | | |

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|-----------|------------|------------|-------|-------|-------|-------|-------|-------|-------|----|
| GENE718X | 14312_at | 14312_at | 1 | -0.46 | -1.26 | -2.43 | -1.16 | -1.18 | -1.08 | - |
| | 2.15 | -2.15 | -2.8 | -2.6 | -3.62 | -2.7 | | | | |
| GENE1200X | 15681_s_at | 15681_s_at | 1 | -0.16 | -0.64 | -1.12 | -0.5 | -0.35 | -0.21 | - |
| | 0.73 | -0.66 | -0.86 | -0.64 | -1.12 | -0.75 | | | | |
| GENE318X | 12955_at | 12955_at | 1 | -0.37 | -0.7 | -1.06 | -0.7 | -0.5 | -0.17 | - |
| | 0.87 | -0.55 | -0.9 | -0.64 | -1.35 | -0.93 | | | | |
| GENE960X | 15066_at | 15066_at | 1 | -0.4 | -0.68 | -1.45 | -0.92 | -0.45 | -0.28 | - |
| | 0.77 | -0.63 | -1.26 | -0.89 | -1.26 | -0.71 | | | | |
| GENE1632X | 17060_s_at | 17060_s_at | 1 | -0.52 | -1.93 | -2.2 | -1.93 | -1 | -1.09 | - |
| | 1.7 | -1.22 | -2.41 | -1.67 | -3.22 | -1.47 | | | | |
| GENE1539X | 16682_at | 16682_at | 1 | -0.18 | -1.02 | -1.37 | -0.66 | -0.33 | 0.08 | - |
| | 0.87 | -0.75 | -1.26 | -1.19 | -1.75 | -1 | | | | |
| GENE1374X | 16210_at | 16210_at | 1 | -0.56 | -1.07 | -1.42 | -0.97 | -0.3 | -0.21 | - |
| | 0.73 | -0.62 | -1.3 | -1.51 | -2.1 | -1.26 | | | | |
| GENE1910X | 18047_at | 18047_at | 1 | -0.24 | -0.26 | -0.66 | -0.58 | -0.34 | 0.16 | - |
| | 0.56 | -0.41 | -1.13 | -0.67 | -0.99 | -0.26 | | | | |
| GENE546X | 13595_at | 13595_at | 1 | -0.42 | -0.27 | -0.61 | -1.14 | -0.57 | -0.43 | - |
| | 0.55 | -1.05 | -1.59 | -0.98 | -1.1 | -0.7 | | | | |
| GENE1366X | 16164_s_at | 16164_s_at | 1 | -0.63 | -0.96 | -1.2 | -1.49 | -0.97 | -0.97 | - |
| | 0.93 | -0.84 | -2.71 | -2.18 | -1.12 | -1.84 | | | | |
| GENE560X | 13619_at | 13619_at | 1 | -0.69 | -1.26 | -2.44 | -1.73 | -0.95 | -1.28 | -1 |
| | -2 | -3.76 | -3.08 | -2 | -2 | | | | | |
| GENE2114X | 18690_at | 18690_at | 1 | -0.74 | -0.59 | -0.98 | -1.24 | -1.01 | -0.45 | - |
| | 0.67 | -0.55 | -1.89 | -1.53 | -1.52 | -1.5 | | | | |
| GENE2210X | 19008_s_at | 19008_s_at | 1 | -0.95 | -0.87 | -0.89 | -1.4 | -0.82 | -0.48 | - |
| | 1.11 | -0.77 | -2.85 | -1.8 | -1.63 | -1.7 | | | | |
| GENE2380X | 19669_at | 19669_at | 1 | -0.14 | -0.75 | -0.84 | -0.12 | -0.97 | -0.53 | - |
| | 1.64 | -0.52 | -1.2 | -0.82 | -0.68 | -0.64 | | | | |
| GENE849X | 14677_r_at | 14677_r_at | 1 | -0.13 | -0.66 | -1.02 | -0.21 | -1.19 | 0.06 | - |
| | 1.64 | 0.01 | -1.35 | -1.53 | -1.31 | -0.71 | | | | |
| GENE1939X | 18154_at | 18154_at | 1 | 0.3 | -0.59 | -0.42 | 0.06 | -0.48 | -0.01 | - |
| | 0.44 | -0.72 | -1.05 | -0.7 | -0.78 | -0.97 | | | | |
| GENE1596X | 16965_at | 16965_at | 1 | 0.4 | -0.63 | -0.95 | 0.13 | -0.34 | -0.23 | - |
| | 0.95 | -1.19 | -1.16 | -1.03 | -1.31 | -1.78 | | | | |
| GENE2373X | 19652_at | 19652_at | 1 | 0.55 | -0.22 | -0.79 | -0.49 | -0.19 | -0.75 | - |
| | 1.96 | -1.49 | -2.67 | -1.91 | -2.33 | -2.16 | | | | |
| GENE1706X | 17385_at | 17385_at | 1 | 0.25 | -0.17 | -0.4 | -0.18 | -0.35 | -0.36 | - |
| | 0.51 | -0.56 | -1.04 | -1.04 | -0.79 | -0.8 | | | | |
| GENE2262X | 19215_at | 19215_at | 1 | 0.45 | -0.16 | -0.72 | 0.16 | -0.28 | -0.53 | - |
| | 0.76 | -1 | -1.57 | -1.4 | -1.17 | -1.23 | | | | |
| GENE1800X | 17631_at | 17631_at | 1 | 0.37 | -0.44 | -0.71 | -0.11 | -0.21 | -0.38 | - |
| | 0.58 | -0.84 | -1.67 | -1.35 | -1.32 | -1.68 | | | | |
| GENE1726X | 17427_at | 17427_at | 1 | -0.17 | -0.49 | -0.83 | -0.21 | -0.31 | -0.32 | - |
| | 0.71 | -0.66 | -1.41 | -1.11 | -1.1 | -0.88 | | | | |
| GENE1057X | 15303_at | 15303_at | 1 | -0.68 | -1.5 | -2.11 | -0.77 | -0.88 | -0.86 | - |
| | 1.7 | -2.08 | -3.29 | -2.71 | -2.6 | -2.5 | | | | |
| GENE1673X | 17254_at | 17254_at | 1 | 0.09 | -0.7 | -1.56 | -0.57 | -0.25 | -0.88 | - |
| | 1.53 | -1.77 | -2.16 | -1.85 | -1.95 | -2.15 | | | | |
| GENE2630X | 20452_s_at | 20452_s_at | 1 | -0.15 | -1.19 | -1.67 | -0.7 | -1.17 | -1.17 | - |
| | 1.47 | -2.32 | -2.58 | -2.17 | -2.32 | -2.05 | | | | |
| GENE793X | 14543_r_at | 14543_r_at | 1 | -0.13 | -1.22 | -1.56 | -0.49 | -0.89 | -1.58 | - |
| | 1.52 | -2.18 | -3.21 | -2.08 | -2.37 | -2.3 | | | | |
| GENE1822X | 17823_s_at | 17823_s_at | 1 | -0.29 | -1.14 | -1.35 | -0.89 | -0.94 | -1.05 | - |
| | 2.82 | -1.96 | -3.1 | -3 | -2.23 | -2.82 | | | | |
| GENE2041X | 18533_at | 18533_at | 1 | -0.56 | -1.53 | -1.93 | -0.89 | -1.64 | -1.8 | - |
| | 3.85 | -2.08 | -3.93 | -3.12 | -3.26 | -3.53 | | | | |

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|-----------|------------|------------|-------|--------|-------|-------|-------|-------|-------|---|
| GENE2441X | 19913_at | 19913_at | 1 | 0.58 | -0.42 | -0.93 | -0.14 | -0.82 | -0.61 | - |
| | 1.12 | -0.78 | -1.52 | -1.4 | -1.75 | -1.16 | | | | |
| GENE1894X | 18009_s_at | 18009_s_at | 1 | 0.0017 | | -0.42 | -0.84 | -0.13 | -0.59 | - |
| | 0.59 | -1.01 | -0.5 | -1.46 | -1.58 | -1.7 | -0.98 | | | |
| GENE1862X | 17931_at | 17931_at | 1 | 0.11 | -0.56 | -0.91 | -0.04 | -0.69 | -0.92 | - |
| | 1.44 | -0.66 | -2.16 | -1.92 | -1.85 | -1.7 | | | | |
| GENE961X | 15070_at | 15070_at | 1 | 0.05 | -0.57 | -0.84 | -0.22 | -0.6 | -0.76 | - |
| | 0.71 | -0.47 | -1.25 | -1.31 | -1.31 | -1.13 | | | | |
| GENE270X | 12784_at | 12784_at | 1 | 0.09 | -0.76 | -1.48 | -0.78 | -0.92 | -0.97 | - |
| | 1.53 | -1 | -2.26 | -2.61 | -2.23 | -1.91 | | | | |
| GENE1432X | 16416_at | 16416_at | 1 | -0.03 | -0.23 | -0.67 | -0.26 | -0.58 | -0.47 | - |
| | 0.77 | -0.65 | -1.57 | -1.23 | -1.28 | -1 | | | | |
| GENE1507X | 16593_at | 16593_at | 1 | 0.09 | -0.9 | -1.98 | -0.52 | -1.79 | -1.57 | - |
| | 2.59 | -1.71 | -4.64 | -3.05 | -3.26 | -2.93 | | | | |
| GENE1783X | 17576_at | 17576_at | 1 | 0.09 | -0.96 | -1.68 | -0.61 | -0.88 | -0.78 | - |
| | 1.88 | -1.12 | -2.56 | -2.14 | -2.29 | -1.88 | | | | |
| GENE1784X | 17577_g_at | 17577_g_at | 1 | 0.22 | -0.86 | -1.64 | -0.55 | -0.78 | -0.91 | - |
| | 1.72 | -0.83 | -2.5 | -2 | -2.58 | -1.87 | | | | |
| GENE916X | 14951_at | 14951_at | 1 | 0.62 | 0.23 | -0.55 | -0.28 | -0.45 | -0.21 | - |
| | 1.53 | -0.68 | -1.29 | -0.75 | -1.05 | -0.95 | | | | |
| GENE655X | 14011_at | 14011_at | 1 | 0.21 | 0.09 | -0.2 | -1.07 | -0.77 | -0.63 | - |
| | 1.24 | -1 | -1.77 | -1.16 | -1.69 | -1.39 | | | | |
| GENE2072X | 18616_at | 18616_at | 1 | 0.05 | 0.1 | -0.37 | -0.37 | -0.69 | -0.38 | - |
| | 0.97 | -0.72 | -0.99 | -0.51 | -1.2 | -1 | | | | |
| GENE2586X | 20317_at | 20317_at | 1 | 0.49 | -0.29 | -0.47 | -0.44 | -1.03 | -1.22 | - |
| | 2.3 | -1.89 | -2.39 | -1.26 | -2.7 | -2.79 | | | | |
| GENE772X | 14501_at | 14501_at | 1 | 0.05 | -0.14 | -0.58 | -0.28 | -0.31 | -0.24 | - |
| | 0.75 | -0.87 | -0.86 | -0.64 | -1.25 | -1.26 | | | | |
| GENE1601X | 16978_g_at | 16978_g_at | 1 | 0.31 | -0.72 | -1.37 | -0.34 | -0.52 | 0.03 | - |
| | 1.77 | -1.97 | -1.94 | -2 | -2.54 | -2.58 | | | | |
| GENE1627X | 17050_s_at | 17050_s_at | 1 | 0.4 | -0.2 | -1.75 | -0.81 | -0.84 | -0.11 | - |
| | 1.76 | -1.28 | -1.58 | -1.75 | -2.67 | -2.67 | | | | |
| GENE1157X | 15601_s_at | 15601_s_at | 1 | 0.22 | -0.09 | -0.1 | -0.12 | -0.53 | -0.49 | - |
| | 1.72 | -1 | -1.38 | -1.61 | -2.49 | -2.32 | | | | |
| GENE1708X | 17387_at | 17387_at | 1 | 0.15 | -0.14 | -0.28 | -0.22 | -0.67 | -0.97 | - |
| | 1.97 | -1.57 | -1.97 | -1.67 | -2.8 | -2.7 | | | | |
| GENE1721X | 17416_at | 17416_at | 1 | 0.07 | -0.33 | -0.34 | -0.28 | -0.17 | -0.33 | - |
| | 1.74 | -1.41 | -1.56 | -1.78 | -2.07 | -1.89 | | | | |
| GENE1752X | 17494_s_at | 17494_s_at | 1 | 0.27 | -0.24 | -0.58 | -0.05 | -0.47 | -0.49 | - |
| | 1.8 | -1.37 | -2.02 | -1.83 | -2.1 | -2.3 | | | | |
| GENE1577X | 16906_at | 16906_at | 1 | 0 | -0.29 | -0.38 | -0.16 | -0.36 | -0.2 | - |
| | 1.01 | -0.52 | -1.19 | -1.38 | -1.69 | -1.55 | | | | |
| GENE1832X | 17861_at | 17861_at | 1 | 0.07 | -0.51 | -0.94 | -0.23 | -0.89 | -1.01 | - |
| | 2.34 | -1.18 | -2.37 | -2.94 | -3.02 | -3.4 | | | | |
| GENE1295X | 16017_at | 16017_at | 1 | -0.62 | -0.8 | -0.9 | -0.6 | -1.05 | -1.08 | - |
| | 2.76 | -1.5 | -2.67 | -2.31 | -3.51 | -3.01 | | | | |
| GENE1973X | 18265_at | 18265_at | 1 | -0.11 | -0.78 | -0.95 | -0.32 | -0.97 | -1.02 | - |
| | 3.54 | -1.54 | -3.51 | -3.51 | -4.19 | -3.41 | | | | |
| GENE1351X | 16125_s_at | 16125_s_at | 1 | -0.15 | -0.21 | -0.36 | -0.21 | -0.38 | -0.19 | - |
| | 1.23 | -0.71 | -1.51 | -0.96 | -2.22 | -1.99 | | | | |
| GENE2131X | 18734_s_at | 18734_s_at | 1 | 0.26 | -0.08 | -0.27 | 0.05 | -0.54 | -0.26 | - |
| | 1.51 | -0.9 | -2.14 | -1.44 | -2.58 | -2.11 | | | | |
| GENE2080X | 18634_at | 18634_at | 1 | 0.24 | -0.27 | -0.92 | 0.04 | -0.69 | -0.58 | - |
| | 1.88 | -0.84 | -2.6 | -1.8 | -3.17 | -3.01 | | | | |
| GENE1868X | 17943_at | 17943_at | 1 | -0.07 | -0.49 | -0.87 | -0.46 | -0.15 | -0.38 | - |
| | 1.66 | -1.28 | -1.71 | -1.36 | -1.63 | -1.37 | | | | |

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|-----------|------------|------------|-------|-------|-------|-------|-------|-------|-------|---|
| GENE2032X | 18475_at | 18475_at | 1 | -0.25 | -0.51 | -0.63 | -0.34 | -0.23 | -0.03 | - |
| 1.08 | -0.81 | -1.01 | -0.78 | -1.31 | -1.02 | | | | | |
| GENE2421X | 19870_s_at | 19870_s_at | 1 | -0.62 | -0.68 | -1.04 | -0.75 | -0.33 | -0.17 | - |
| 1.93 | -1.4 | -1.82 | -1.72 | -2.47 | -1.84 | | | | | |
| GENE1172X | 15627_at | 15627_at | 1 | -0.1 | -0.39 | -0.52 | -0.18 | -0.19 | -0.19 | - |
| 0.95 | -0.3 | -0.94 | -0.98 | -1.14 | -0.69 | | | | | |
| GENE398X | 13160_at | 13160_at | 1 | 0.13 | -0.54 | -1.19 | -0.29 | -0.35 | -0.51 | - |
| 2.25 | -1.33 | -2.25 | -1.92 | -3 | -2.22 | | | | | |
| GENE2607X | 20383_at | 20383_at | 1 | 0.35 | -1.06 | -1.56 | -0.13 | -0.97 | -0.68 | - |
| 2.72 | -1.65 | -2.6 | -2.47 | -3.45 | -1.95 | | | | | |
| GENE995X | 15126_s_at | 15126_s_at | 1 | -0.19 | -0.33 | -0.56 | -0.4 | -0.3 | -0.14 | - |
| 1.31 | -0.76 | -1.53 | -1.25 | -1.67 | -1.39 | | | | | |
| GENE2434X | 19898_at | 19898_at | 1 | -0.04 | -0.54 | -0.9 | -0.37 | -0.74 | -0.41 | - |
| 1.71 | -0.71 | -2 | -1.55 | -2.34 | -1.83 | | | | | |
| GENE1462X | 16485_s_at | 16485_s_at | 1 | -0.24 | -0.4 | -0.98 | -0.31 | -0.76 | -0.46 | - |
| 1.57 | -0.9 | -2.5 | -1.82 | -2.57 | -2.01 | | | | | |
| GENE608X | 13829_at | 13829_at | 1 | -0.19 | -0.31 | -0.5 | -0.37 | -0.36 | -0.09 | - |
| 0.72 | -0.61 | -1.21 | -0.79 | -1.38 | -1.1 | | | | | |
| GENE2502X | 20067_at | 20067_at | 1 | -0.38 | -0.7 | -1.13 | -0.64 | -0.65 | -0.2 | - |
| 1.45 | -0.81 | -2.29 | -1.97 | -2.59 | -1.92 | | | | | |
| GENE26X | 12048_at | 12048_at | 1 | -0.57 | -0.49 | -1.18 | -1.2 | -1.19 | -0.38 | - |
| 2.34 | -1.38 | -3.83 | -3.01 | -3.79 | -2.82 | | | | | |
| GENE1457X | 16477_at | 16477_at | 1 | -0.41 | -0.75 | -0.81 | -0.71 | -1.09 | -0.5 | - |
| 1.84 | -0.98 | -2.52 | -1.9 | -2.23 | -1.93 | | | | | |
| GENE2719X | 20704_at | 20704_at | 1 | -0.44 | -0.39 | -0.84 | -0.43 | -1.24 | -0.59 | - |
| 1.54 | -0.84 | -2.4 | -1.88 | -2.38 | -2.25 | | | | | |
| GENE679X | 14066_at | 14066_at | 1 | -0.59 | -0.68 | -0.62 | -0.18 | -1.19 | -0.69 | - |
| 1.83 | -1.41 | -2.54 | -2.12 | -2.41 | -1.9 | | | | | |
| GENE353X | 13081_s_at | 13081_s_at | 1 | -0.35 | -0.28 | -0.39 | -0.58 | -0.07 | -0.17 | - |
| 0.91 | -0.67 | -0.34 | -0.3 | -1.04 | -0.94 | | | | | |
| GENE1755X | 17505_s_at | 17505_s_at | 1 | -0.23 | -0.32 | -0.38 | -0.33 | -0.18 | -0.06 | - |
| 0.85 | -0.85 | -0.54 | -0.63 | -1.11 | -1 | | | | | |
| GENE76X | 12184_at | 12184_at | 1 | -0.63 | -0.63 | -0.73 | -0.63 | -0.66 | -0.03 | - |
| 1.6 | -1.39 | -0.82 | -1.06 | -2.2 | -1.89 | | | | | |
| GENE2580X | 20298_at | 20298_at | 1 | -0.97 | -0.28 | -0.82 | -0.53 | -0.32 | -0.44 | - |
| 1.46 | -1.68 | -0.84 | -0.68 | -2.27 | -1.68 | | | | | |
| GENE386X | 13143_at | 13143_at | 1 | -0.24 | -0.04 | -0.09 | -0.31 | -0.45 | -0.68 | - |
| 1.1 | -1.19 | -1.04 | -0.93 | -1.46 | -2.05 | | | | | |
| GENE1889X | 17997_s_at | 17997_s_at | 1 | -0.42 | -0.1 | -0.13 | -0.62 | -0.19 | -0.47 | - |
| 1.07 | -0.72 | -0.93 | -1.08 | -1.48 | -1.9 | | | | | |
| GENE1866X | 17937_at | 17937_at | 1 | -0.46 | -0.47 | -0.14 | -0.41 | -0.46 | -0.85 | - |
| 1.32 | -1.14 | -1.06 | -1.25 | -1.59 | -1.65 | | | | | |
| GENE2338X | 19467_at | 19467_at | 1 | -0.41 | -0.69 | -0.97 | -1.64 | -0.91 | -1.91 | - |
| 3.97 | -2.51 | -2.5 | -2.76 | -3.97 | -4.74 | | | | | |
| GENE732X | 14401_at | 14401_at | 1 | -0.41 | -0.15 | -0.5 | -0.84 | 0.08 | -0.58 | - |
| 1.3 | -1 | -0.89 | -0.8 | -1.1 | -1.43 | | | | | |
| GENE2493X | 20054_at | 20054_at | 1 | -0.76 | -0.06 | -0.16 | -0.43 | 0.09 | -0.41 | - |
| 0.92 | -0.58 | -1.13 | -0.81 | -1.37 | -1.37 | | | | | |
| GENE2201X | 18975_g_at | 18975_g_at | 1 | -0.45 | 0.1 | -0.24 | -0.79 | -0.17 | -0.6 | - |
| 1.4 | -1.47 | -1.95 | -1.12 | -2.02 | -1.68 | | | | | |
| GENE1807X | 17660_at | 17660_at | 1 | -0.05 | -1.21 | -0.91 | -1.08 | -0.62 | -1.51 | - |
| 1.27 | -1.27 | -1 | -1 | -1.68 | -1.68 | | | | | |
| GENE203X | 12560_at | 12560_at | 1 | -0.01 | -0.49 | -0.79 | -0.98 | -0.32 | -0.46 | - |
| 0.67 | -0.67 | -1.1 | -0.88 | -1.06 | -1.37 | | | | | |
| GENE2128X | 18723_at | 18723_at | 1 | -0.11 | -1.61 | -2 | -3.37 | -1.67 | -2.83 | - |
| 2.1 | -3.58 | -3.67 | -3.67 | -3.58 | -3.58 | | | | | |

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|-----------|------------|------------|-------|-------|-------|-------|-------|-------|-------|----|
| GENE2436X | 19901_at | 19901_at | 1 | -0.3 | -0.35 | -0.39 | -0.23 | -0.24 | -0.68 | - |
| | 0.7 | -0.86 | -0.8 | -0.55 | -1.45 | -1.34 | | | | |
| GENE1902X | 18023_s_at | 18023_s_at | 1 | -0.57 | -0.83 | -1.14 | -0.57 | -0.59 | -1.45 | - |
| | 1.45 | -2 | -1.94 | -2.09 | -3.11 | -3.37 | | | | |
| GENE792X | 14542_i_at | 14542_i_at | 1 | -0.15 | -0.66 | -1.17 | -0.57 | -0.76 | -1.48 | - |
| | 1.73 | -2.78 | -2.6 | -1.86 | -3.1 | -2.87 | | | | |
| GENE2546X | 20216_s_at | 20216_s_at | 1 | 0.11 | -0.84 | -1.26 | -0.09 | -0.65 | -1.17 | - |
| | 1.33 | -1.51 | -2.01 | -1.62 | -2.84 | -2.25 | | | | |
| GENE776X | 14509_g_at | 14509_g_at | 1 | -0.05 | -0.76 | -2 | -0.52 | -0.78 | -1.56 | - |
| | 2.19 | -2.65 | -2.4 | -2.88 | -3.65 | -3.48 | | | | |
| GENE2533X | 20187_at | 20187_at | 1 | -0.92 | -0.75 | -1.08 | -1.29 | -0.74 | -1.13 | - |
| | 0.68 | -1.18 | -2.21 | -1.55 | -2.05 | -1.83 | | | | |
| GENE2022X | 18416_at | 18416_at | 1 | -0.74 | -0.69 | -1.76 | -1.63 | -1.26 | -1.42 | - |
| | 1.24 | -2.07 | -2.42 | -2.47 | -2.58 | -2.24 | | | | |
| GENE1102X | 15467_at | 15467_at | 1 | -0.65 | -0.96 | -1.49 | -1.01 | -1.34 | -1.58 | - |
| | 0.74 | -1.37 | -2.13 | -2.45 | -2.66 | -2.37 | | | | |
| GENE296X | 12861_s_at | 12861_s_at | 1 | -0.89 | -0.79 | -1.32 | -1.32 | -0.68 | -2.57 | - |
| | 1.51 | -1.66 | -2.29 | -2.45 | -2.95 | -2.56 | | | | |
| GENE1340X | 16101_s_at | 16101_s_at | 1 | -0.13 | -0.22 | -0.62 | -1.03 | -0.56 | -0.98 | - |
| | 1.8 | -2.12 | -1.59 | -1.59 | -1.77 | -1.92 | | | | |
| GENE521X | 13551_at | 13551_at | 1 | -0.27 | -0.15 | -0.3 | -0.6 | -0.33 | -0.49 | - |
| | 1.06 | -1.14 | -1.11 | -1.04 | -1.49 | -1.49 | | | | |
| GENE1316X | 16057_s_at | 16057_s_at | 1 | -0.2 | -0.44 | -0.31 | -0.37 | -0.32 | -0.58 | - |
| | 0.97 | -0.93 | -1.1 | -1.15 | -1.32 | -1.18 | | | | |
| GENE1776X | 17560_s_at | 17560_s_at | 1 | -0.69 | -1 | -1.12 | -1.11 | -0.46 | -1.26 | - |
| | 2.65 | -1.96 | -2.85 | -2.42 | -2.87 | -3.42 | | | | |
| GENE1297X | 16019_at | 16019_at | 1 | -0.49 | -0.29 | -0.68 | -0.38 | -0.58 | -0.91 | - |
| | 1.09 | -1.33 | -1.63 | -1.45 | -1.67 | -1.43 | | | | |
| GENE830X | 14634_s_at | 14634_s_at | 1 | -0.94 | -0.64 | -1.18 | -0.73 | -0.39 | -1.75 | - |
| | 2.25 | -2.12 | -2.41 | -2.45 | -2.96 | -2.91 | | | | |
| GENE1065X | 15366_at | 15366_at | 1 | -0.34 | -0.57 | -1.34 | -0.9 | -0.92 | -1.78 | - |
| | 1.9 | -1.32 | -1.61 | -2.45 | -1.68 | -2.17 | | | | |
| GENE1611X | 17003_at | 17003_at | 1 | -0.39 | -0.75 | -0.48 | -1.26 | -0.8 | -1.54 | - |
| | 1.78 | -1.14 | -1.95 | -1.63 | -1.84 | -2.17 | | | | |
| GENE1668X | 17196_at | 17196_at | 1 | -1.03 | -1.51 | -1.51 | -1.72 | -1.86 | -2.3 | - |
| | 3.76 | -2.28 | -3.39 | -3.39 | -3.76 | -3.76 | | | | |
| GENE1019X | 15167_s_at | 15167_s_at | 1 | -0.46 | -0.49 | -1.34 | -0.72 | -0.87 | -0.83 | - |
| | 2.12 | -1.5 | -1.83 | -2.19 | -2.62 | -2.39 | | | | |
| GENE295X | 12860_s_at | 12860_s_at | 1 | -0.15 | -0.14 | -0.44 | -0.6 | -0.39 | -0.71 | - |
| | 1.07 | -0.98 | -0.95 | -1.53 | -1.71 | -1.25 | | | | |
| GENE235X | 12697_at | 12697_at | 1 | -0.37 | -0.02 | -0.37 | -0.53 | -0.57 | -0.69 | - |
| | 0.87 | -0.5 | -0.78 | -1.13 | -1.22 | -1.13 | | | | |
| GENE864X | 14727_s_at | 14727_s_at | 1 | 0.06 | -0.37 | -0.81 | -0.3 | -0.04 | -0.45 | - |
| | 0.81 | -0.57 | -0.43 | -0.95 | -1.11 | -1.17 | | | | |
| GENE1114X | 15490_at | 15490_at | 1 | -0.24 | -0.77 | -1.33 | -0.72 | 0.18 | -0.79 | - |
| | 1.19 | -1 | -0.68 | -1.24 | -2.12 | -1.58 | | | | |
| GENE763X | 14484_at | 14484_at | 1 | -0.51 | -1.39 | -3.32 | -1.32 | -1.18 | -1.18 | - |
| | 3.37 | -2.7 | -1.64 | -2.32 | -3.37 | -3.11 | | | | |
| GENE2561X | 20257_at | 20257_at | 1 | -0.31 | -1.18 | -1.74 | -1.15 | -0.3 | -1.09 | - |
| | 1.86 | -2.02 | -2.09 | -1.3 | -2.4 | -2.64 | | | | |
| GENE885X | 14820_g_at | 14820_g_at | 1 | -0.03 | -1.11 | -1.34 | -0.49 | -0.16 | -0.49 | - |
| | 2.07 | -0.93 | -1.9 | -1.9 | -2.65 | -3.17 | | | | |
| GENE2496X | 20058_at | 20058_at | 1 | -0.11 | -0.48 | -1.14 | -0.72 | -0.33 | -0.18 | - |
| | 1.23 | -0.2 | -1.18 | -1.08 | -1.58 | -1.58 | | | | |
| GENE2520X | 20154_at | 20154_at | 1 | -0.28 | -0.57 | -1.08 | -0.69 | -0.16 | -0.41 | -1 |
| | -0.16 | -1 | -1.22 | -1.8 | -1.63 | | | | | |

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|-----------|------------|------------|-------|-------|-------|-------|-------|-------|-------|---|
| GENE208X | 12576_at | 12576_at | 1 | -0.18 | -0.57 | -1.48 | -0.86 | -0.05 | -0.09 | - |
| | 1.03 | -0.57 | -1.58 | -1.47 | -2.24 | -2.11 | | | | |
| GENE545X | 13593_at | 13593_at | 1 | 0.01 | -0.74 | -1.13 | -0.69 | -0.13 | -0.19 | - |
| | 1.24 | -0.6 | -1.51 | -1.46 | -2.45 | -1.86 | | | | |
| GENE1104X | 15471_at | 15471_at | 1 | -0.16 | -0.51 | -1.22 | -0.8 | -0.36 | -0.03 | - |
| | 0.95 | -0.48 | -1.4 | -0.9 | -1.38 | -1.32 | | | | |
| GENE1834X | 17863_at | 17863_at | 1 | -0.18 | -0.14 | -1.18 | -0.55 | -0.38 | -0.28 | - |
| | 1.02 | -0.5 | -1.18 | -0.83 | -1.42 | -1.42 | | | | |
| GENE1522X | 16622_s_at | 16622_s_at | 1 | -0.14 | -0.32 | -1 | -0.72 | -0.27 | 0.06 | - |
| | 0.85 | -0.42 | -0.6 | -0.68 | -1.07 | -1.32 | | | | |
| GENE233X | 12693_at | 12693_at | 1 | -0.52 | -0.58 | -0.82 | -0.92 | -0.33 | -0.55 | - |
| | 1.31 | -0.79 | -1.27 | -1.31 | -1.91 | -1.63 | | | | |
| GENE1908X | 18035_at | 18035_at | 1 | -1.1 | -0.4 | -1.25 | -1.35 | -0.8 | -0.56 | - |
| | 1.8 | -1.1 | -2.09 | -1.94 | -3.07 | -2.3 | | | | |
| GENE714X | 14284_at | 14284_at | 1 | -0.58 | -1.18 | -1.45 | -0.95 | -0.54 | -0.57 | - |
| | 1.94 | -1.36 | -2.41 | -1.91 | -3.45 | -2.45 | | | | |
| GENE920X | 14961_at | 14961_at | 1 | -0.5 | -1.09 | -1.76 | -0.82 | -1.11 | -0.89 | - |
| | 2.07 | -1.32 | -2.32 | -1.51 | -3.73 | -2.32 | | | | |
| GENE2374X | 19653_g_at | 19653_g_at | 1 | 0.1 | -0.66 | -1.54 | -1.44 | -0.37 | -0.87 | - |
| | 2.22 | -1.63 | -1.45 | -2.13 | -3.48 | -3.22 | | | | |
| GENE48X | 12120_at | 12120_at | 1 | 0.15 | -0.45 | -0.84 | -0.79 | -0.46 | -0.31 | - |
| | 1.09 | -0.35 | -0.82 | -0.95 | -1.67 | -1.19 | | | | |
| GENE70X | 12170_at | 12170_at | 1 | -0.09 | -0.14 | -0.72 | -0.11 | -0.28 | -0.48 | - |
| | 1.04 | -0.39 | -0.82 | -0.66 | -1.22 | -1.14 | | | | |
| GENE889X | 14859_s_at | 14859_s_at | 1 | -0.18 | -0.36 | -0.9 | -0.39 | -0.78 | -0.89 | - |
| | 1.58 | -0.58 | -2.06 | -1.31 | -2.11 | -2.28 | | | | |
| GENE810X | 14590_at | 14590_at | 1 | -0.17 | -0.56 | -0.95 | -0.49 | -0.77 | -0.52 | - |
| | 1.05 | -0.59 | -1.28 | -1.47 | -2.01 | -2.04 | | | | |
| GENE1118X | 15502_at | 15502_at | 1 | -0.19 | -0.67 | -0.94 | -0.44 | -0.83 | -1.02 | - |
| | 1.34 | -0.29 | -1.79 | -1.71 | -2.92 | -2.24 | | | | |
| GENE2043X | 18546_at | 18546_at | 1 | -0.16 | -0.48 | -0.76 | -0.38 | 0.13 | -0.3 | - |
| | 0.74 | -0.92 | -1.37 | -1.31 | -1.78 | -1.67 | | | | |
| GENE1992X | 18296_at | 18296_at | 1 | -0.28 | -0.63 | -0.95 | -0.52 | -0.17 | -0.42 | - |
| | 1.62 | -1.32 | -1.92 | -2.24 | -2.96 | -2.52 | | | | |
| GENE845X | 14666_s_at | 14666_s_at | 1 | -0.45 | -0.53 | -0.8 | -0.35 | -0.14 | -0.66 | - |
| | 0.87 | -0.78 | -1.43 | -1.14 | -2.13 | -1.51 | | | | |
| GENE1493X | 16547_s_at | 16547_s_at | 1 | -0.58 | -1.14 | -2.4 | -1.04 | -0.39 | -0.89 | - |
| | 2.29 | -2.26 | -3.64 | -2.93 | -5.56 | -3.29 | | | | |
| GENE642X | 13954_g_at | 13954_g_at | 1 | -0.25 | -1 | -1.76 | -0.66 | -0.24 | -0.75 | - |
| | 1.11 | -1.02 | -1.92 | -1.72 | -2.43 | -2.11 | | | | |
| GENE556X | 13614_at | 13614_at | 1 | -0.4 | -0.92 | -1.73 | -1.06 | -0.5 | -0.99 | - |
| | 1.29 | -1.27 | -2.04 | -1.94 | -2.7 | -2.51 | | | | |
| GENE1542X | 16693_at | 16693_at | 1 | -0.1 | -1.1 | -1.33 | -1.1 | -0.51 | -0.79 | - |
| | 0.95 | -1.1 | -1.85 | -1.38 | -2.73 | -2.58 | | | | |
| GENE1993X | 18297_at | 18297_at | 1 | -0.48 | -0.43 | -1.01 | -0.8 | -0.29 | -0.48 | - |
| | 0.84 | -0.92 | -1.35 | -1.44 | -1.54 | -1.82 | | | | |
| GENE1198X | 15676_at | 15676_at | 1 | -0.63 | -0.68 | -1.23 | -0.94 | -0.21 | -0.49 | - |
| | 0.83 | -1.07 | -1.67 | -1.71 | -1.9 | -2.26 | | | | |
| GENE1202X | 15685_s_at | 15685_s_at | 1 | -1 | -1.3 | -2.28 | -1.67 | -0.77 | -0.67 | - |
| | 1.9 | -1.4 | -2.63 | -2.43 | -3.49 | -3.9 | | | | |
| GENE784X | 14528_at | 14528_at | 1 | -0.19 | -0.57 | -1.23 | -1.19 | -0.29 | -0.66 | - |
| | 0.92 | -0.78 | -1.71 | -1.71 | -2.1 | -2 | | | | |
| GENE2472X | 19994_at | 19994_at | 1 | -0.19 | -0.51 | -0.84 | -0.49 | -0.35 | -0.29 | - |
| | 0.92 | -0.55 | -1.63 | -1.12 | -2.21 | -1.64 | | | | |
| GENE214X | 12604_at | 12604_at | 1 | -0.13 | -0.34 | -0.72 | -0.54 | -0.08 | -0.06 | - |
| | 0.86 | -0.68 | -1.65 | -1.22 | -1.97 | -1.59 | | | | |

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|-----------|------------|------------|-------|-------|-------|-------|-------|-------|-------|---|
| GENE220X | 12614_at | 12614_at | 1 | -0.18 | -0.55 | -1.23 | -1.09 | -0.67 | -0.1 | - |
| | 0.97 | -1.03 | -2.56 | -1.88 | -3.29 | -2.44 | | | | |
| GENE937X | 15006_at | 15006_at | 1 | 0.03 | -0.72 | -1.33 | -0.87 | -0.7 | -0.51 | - |
| | 0.84 | -0.68 | -2.08 | -1.66 | -2.17 | -1.95 | | | | |
| GENE49X | 12122_at | 12122_at | 1 | -0.02 | -0.73 | -1.48 | -1.09 | -0.83 | -0.31 | - |
| | 1.06 | -0.74 | -2.51 | -1.88 | -2.94 | -2.44 | | | | |
| GENE741X | 14429_at | 14429_at | 1 | -0.35 | -0.69 | -1.51 | -0.73 | -0.76 | -0.39 | - |
| | 0.77 | -0.95 | -2.39 | -1.97 | -3.32 | -3.1 | | | | |
| GENE2352X | 19558_at | 19558_at | 1 | -0.43 | -0.94 | -2.02 | -0.98 | -0.96 | -0.45 | - |
| | 1.52 | -1.16 | -2.88 | -2.3 | -3.52 | -3.2 | | | | |
| GENE343X | 13044_at | 13044_at | 1 | -0.46 | -0.59 | -1.27 | -1 | -0.43 | -0.54 | - |
| | 1.34 | -0.78 | -2 | -1.67 | -2 | -2.16 | | | | |
| GENE1472X | 16502_at | 16502_at | 1 | -1.05 | -1.19 | -1.91 | -1.37 | -0.27 | -0.57 | - |
| | 1.85 | -0.72 | -2.83 | -2.3 | -2.85 | -3.09 | | | | |
| GENE786X | 14531_at | 14531_at | 1 | -0.44 | -0.51 | -0.87 | -0.47 | -0.15 | -0.31 | - |
| | 1.18 | -0.43 | -1.89 | -1.24 | -1.39 | -1.32 | | | | |
| GENE272X | 12787_at | 12787_at | 1 | -0.5 | -1.29 | -1.45 | -0.81 | -0.16 | -0.25 | - |
| | 1.8 | -0.59 | -2.41 | -2.1 | -2.64 | -2.36 | | | | |
| GENE1780X | 17568_at | 17568_at | 1 | -0.75 | -1.02 | -1.27 | -0.85 | -0.74 | -0.21 | - |
| | 1.52 | -0.98 | -2.03 | -1.46 | -2.09 | -1.7 | | | | |
| GENE2395X | 19749_at | 19749_at | 1 | -1.14 | -1.7 | -1.9 | -1.22 | -0.63 | -0.41 | - |
| | 2.07 | -1.17 | -2.42 | -2.15 | -2.43 | -2.2 | | | | |
| GENE137X | 12348_at | 12348_at | 1 | -1.64 | -1.11 | -1.76 | -1.47 | -0.7 | -0.84 | - |
| | 1.7 | -1.7 | -2.95 | -2.04 | -2.61 | -3.29 | | | | |
| GENE623X | 13905_at | 13905_at | 1 | -0.39 | -0.61 | -1.17 | -0.73 | -0.45 | -0.49 | - |
| | 0.83 | -0.55 | -1.68 | -1.26 | -1.79 | -1.65 | | | | |
| GENE1097X | 15456_at | 15456_at | 1 | -0.37 | -0.96 | -1.66 | -0.82 | -0.64 | -0.58 | - |
| | 0.95 | -0.7 | -2.06 | -1.47 | -2 | -1.82 | | | | |
| GENE2031X | 18471_at | 18471_at | 1 | -1.19 | -1.46 | -2.39 | -1.9 | -1.39 | -0.73 | - |
| | 1.61 | -0.95 | -3.51 | -2.95 | -3.48 | -3.19 | | | | |
| GENE1229X | 15837_at | 15837_at | 1 | -1.11 | -1.46 | -2.5 | -1.94 | -1.38 | -1.08 | - |
| | 1.64 | -0.86 | -3.57 | -2.7 | -3.55 | -2.64 | | | | |
| GENE2326X | 19447_s_at | 19447_s_at | 1 | -0.33 | -0.87 | -1.6 | -0.76 | -0.38 | -0.66 | - |
| | 0.95 | -0.53 | -1.71 | -1.57 | -1.54 | -1.72 | | | | |
| GENE1211X | 15769_at | 15769_at | 1 | -0.63 | -0.9 | -2.68 | -1.03 | -1.02 | -1.28 | - |
| | 1.95 | -0.88 | -3.34 | -2.6 | -2.8 | -2.8 | | | | |
| GENE1141X | 15553_at | 15553_at | 1 | -0.22 | -0.83 | -1.36 | -0.79 | -0.74 | -0.49 | - |
| | 0.89 | -0.64 | -1.87 | -1.97 | -1.7 | -1.98 | | | | |
| GENE726X | 14387_g_at | 14387_g_at | 1 | -0.67 | -1.03 | -2.25 | -1.33 | -0.82 | -1.19 | - |
| | 1.22 | -0.75 | -3.09 | -2.55 | -2.67 | -3.58 | | | | |
| GENE1070X | 15373_g_at | 15373_g_at | 1 | -0.7 | -0.67 | -1.24 | -1.07 | -0.53 | -0.38 | - |
| | 1.03 | -0.75 | -2.22 | -1.77 | -1.82 | -1.55 | | | | |
| GENE1069X | 15372_at | 15372_at | 1 | -0.54 | -0.51 | -1.25 | -1.08 | -0.61 | -0.49 | - |
| | 1.26 | -0.74 | -2.43 | -1.85 | -2.05 | -1.86 | | | | |
| GENE488X | 13438_at | 13438_at | 1 | -0.43 | -0.76 | -1.17 | -0.66 | -0.69 | -0.7 | - |
| | 1.45 | -0.73 | -2.07 | -1.89 | -1.93 | -1.68 | | | | |
| GENE1425X | 16385_s_at | 16385_s_at | 1 | -0.74 | -1.03 | -1.79 | -1.03 | -0.71 | -0.87 | - |
| | 1.82 | -1.22 | -2.91 | -3.08 | -2.35 | -2.2 | | | | |
| GENE2010X | 18343_at | 18343_at | 1 | -0.47 | -0.94 | -1.98 | -1.01 | -0.7 | -0.75 | - |
| | 1.77 | -1.37 | -2.33 | -2.33 | -2.33 | -2.49 | | | | |
| GENE1904X | 18025_at | 18025_at | 1 | -0.52 | -0.79 | -1.28 | -0.89 | -0.46 | -0.8 | - |
| | 1.4 | -1.33 | -2.04 | -1.97 | -1.95 | -2.15 | | | | |
| GENE500X | 13492_at | 13492_at | 1 | -0.46 | -1.05 | -1.71 | -1.58 | -0.9 | -1.28 | - |
| | 2.24 | -1.72 | -3.03 | -3.03 | -3.07 | -3.36 | | | | |
| GENE304X | 12910_s_at | 12910_s_at | 1 | -1 | -1.13 | -1.99 | -1.52 | -0.93 | -1.17 | - |
| | 1.7 | -1.66 | -2.8 | -3.11 | -2.7 | -2.66 | | | | |

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|-----------|------------|------------|-------|-------|-------|-------|-------|-------|-------|---|
| GENE1518X | 16613_s_at | 16613_s_at | 1 | -0.57 | -1.19 | -2.45 | -1.61 | -0.98 | -1.17 | - |
| | 1.94 | -1.5 | -2.94 | -3.68 | -2.94 | -2.94 | | | | |
| GENE660X | 14018_at | 14018_at | 1 | -0.66 | -1.23 | -1.74 | -1.44 | -1.17 | -1.39 | - |
| | 1.89 | -1.75 | -3.17 | -2.79 | -2.37 | -2.77 | | | | |
| GENE2637X | 20467_at | 20467_at | 1 | -0.78 | -0.93 | -1.69 | -1.09 | -0.98 | -0.96 | - |
| | 1.63 | -1.31 | -2.62 | -2.32 | -2.39 | -2.03 | | | | |
| GENE2089X | 18656_at | 18656_at | 1 | -1.22 | -1.25 | -2.44 | -1.75 | -1.32 | -1.26 | - |
| | 2.15 | -1.61 | -3.14 | -3.03 | -3.15 | -3.15 | | | | |
| GENE409X | 13180_s_at | 13180_s_at | 1 | -0.59 | -0.59 | -0.87 | -0.71 | -0.72 | -0.68 | - |
| | 1.29 | -0.88 | -1.9 | -1.49 | -1.82 | -1.78 | | | | |
| GENE1459X | 16480_at | 16480_at | 1 | -0.54 | -0.8 | -1.01 | -0.72 | -0.73 | -0.69 | - |
| | 1.4 | -1.07 | -1.94 | -1.81 | -2.03 | -1.83 | | | | |
| GENE265X | 12773_at | 12773_at | 1 | -0.73 | -0.82 | -1.02 | -0.64 | -0.79 | -0.75 | - |
| | 1.38 | -0.8 | -1.85 | -1.64 | -2.06 | -1.79 | | | | |
| GENE2292X | 19370_at | 19370_at | 1 | -0.61 | -0.83 | -1.23 | -0.76 | -1.36 | -0.95 | - |
| | 1.33 | -0.83 | -2.3 | -1.98 | -2.11 | -2.22 | | | | |
| GENE1927X | 18087_s_at | 18087_s_at | 1 | -0.21 | -0.75 | -1.15 | -0.71 | -0.72 | -0.58 | - |
| | 1.13 | -1.07 | -2.29 | -1.77 | -2.34 | -1.99 | | | | |
| GENE1999X | 18306_at | 18306_at | 1 | -0.47 | -0.81 | -1.47 | -0.9 | -0.76 | -0.57 | - |
| | 1.29 | -0.99 | -2.63 | -2.17 | -2.78 | -2.53 | | | | |
| GENE2055X | 18580_at | 18580_at | 1 | -0.32 | -0.56 | -1.02 | -0.68 | -0.53 | -0.4 | - |
| | 0.92 | -0.72 | -1.59 | -1.36 | -1.66 | -1.23 | | | | |
| GENE910X | 14930_at | 14930_at | 1 | -0.44 | -1.14 | -1.91 | -0.88 | -0.86 | -0.65 | - |
| | 1.55 | -1.17 | -2.86 | -2.38 | -2.82 | -2.33 | | | | |
| GENE1765X | 17526_s_at | 17526_s_at | 1 | -0.32 | -0.53 | -1.19 | -0.77 | -0.74 | -0.63 | - |
| | 1.28 | -0.87 | -1.94 | -2.13 | -2.35 | -1.87 | | | | |
| GENE2670X | 20573_at | 20573_at | 1 | 0 | -1.4 | -2.68 | 0.09 | -0.06 | -0.52 | - |
| | 2.92 | -1.64 | -2.2 | -2.2 | -2.02 | -2.26 | | | | |
| GENE41X | 12100_at | 12100_at | 1 | 0.64 | -0.12 | -1.25 | 0.81 | 0.43 | -0.73 | - |
| | 2.07 | -1.39 | -2 | -2 | -1.07 | -1.22 | | | | |
| GENE2438X | 19906_at | 19906_at | 1 | 0.23 | -0.39 | -0.67 | 0.18 | -0.55 | -0.89 | - |
| | 0.85 | -0.45 | -1.42 | -0.67 | -0.4 | -1.4 | | | | |
| GENE2203X | 18977_at | 18977_at | 1 | -0.14 | -0.9 | -0.31 | -0.17 | -0.55 | -1.07 | - |
| | 0.84 | -0.89 | -2 | -1.43 | -0.97 | -1.65 | | | | |
| GENE355X | 13085_i_at | 13085_i_at | 1 | -0.48 | -1.37 | -1.09 | 0.11 | -0.3 | -1.22 | - |
| | 1.89 | -1.48 | -3.08 | -2.08 | -2.15 | -2.36 | | | | |
| GENE2227X | 19127_at | 19127_at | 1 | -0.31 | -1.5 | -1.72 | -0.15 | -1.76 | -1.88 | - |
| | 1.82 | -1.42 | -3.93 | -2.6 | -2.29 | -2.29 | | | | |
| GENE537X | 13569_at | 13569_at | 1 | -0.39 | -1.07 | -0.74 | 0.87 | -1.08 | -0.67 | - |
| | 1.41 | -0.67 | -1.35 | -1.76 | -0.09 | -1.83 | | | | |
| GENE635X | 13940_at | 13940_at | 1 | -0.42 | -0.38 | -0.59 | -0.43 | -0.55 | -0.38 | - |
| | 0.34 | -0.03 | -1.06 | -0.82 | -0.7 | -0.43 | | | | |
| GENE1223X | 15817_at | 15817_at | 1 | -1.58 | -1.9 | -1.49 | -0.4 | -2.09 | -1.91 | - |
| | 1.84 | -0.61 | -3.67 | -3.19 | -2.84 | -1.42 | | | | |
| GENE1129X | 15529_at | 15529_at | 1 | -0.26 | -0.61 | -0.66 | -0.48 | -0.43 | -0.43 | - |
| | 0.73 | -0.23 | -0.95 | -1.08 | -0.66 | -0.53 | | | | |
| GENE730X | 14396_s_at | 14396_s_at | 1 | -0.6 | -1.65 | -1.21 | -1 | -1.5 | -0.87 | - |
| | 1.69 | -1.02 | -2.91 | -2.38 | -1.87 | -1.78 | | | | |
| GENE1802X | 17642_at | 17642_at | 1 | -1.06 | -2.12 | -2 | -1.12 | -1.22 | -1.41 | - |
| | 1.92 | -1.16 | -3.48 | -2.63 | -2.44 | -1.78 | | | | |
| GENE1125X | 15520_s_at | 15520_s_at | 1 | -0.13 | -0.62 | -0.41 | -0.32 | -0.7 | -0.45 | - |
| | 0.54 | -0.24 | -1.26 | -0.91 | -0.96 | -0.68 | | | | |
| GENE2224X | 19116_i_at | 19116_i_at | 1 | -0.19 | -0.58 | -0.71 | -0.37 | -0.96 | -0.79 | - |
| | 0.89 | -0.63 | -1.77 | -1.5 | -1.06 | -0.89 | | | | |
| GENE890X | 14867_at | 14867_at | 1 | -0.43 | -0.59 | -1.19 | -0.78 | -1.16 | -0.94 | - |
| | 0.86 | -0.69 | -2.34 | -2.1 | -1.69 | -1.3 | | | | |

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|-----------|------------|------------|-------|-------|-------|-------|-------|-------|-------|---|
| GENE999X | 15131_s_at | 15131_s_at | 1 | -0.7 | -0.88 | -0.77 | -1.08 | -1.56 | -1.42 | - |
| | 1.32 | -0.49 | -2.77 | -2.62 | -1.83 | -1.6 | | | | |
| GENE1734X | 17447_at | 17447_at | 1 | 0.02 | -0.64 | -0.96 | -0.51 | -0.51 | -0.83 | - |
| | 0.59 | -0.5 | -0.92 | -1.22 | -0.59 | -0.75 | | | | |
| GENE1325X | 16067_at | 16067_at | 1 | -0.07 | -0.51 | -0.96 | -0.57 | -0.42 | -0.56 | - |
| | 0.39 | -0.36 | -1.03 | -1.09 | -0.91 | -0.71 | | | | |
| GENE590X | 13682_s_at | 13682_s_at | 1 | -0.12 | -0.78 | -1.33 | -0.56 | -0.46 | -0.93 | - |
| | 0.47 | -0.47 | -1.38 | -1.2 | -1.02 | -0.93 | | | | |
| GENE306X | 12914_s_at | 12914_s_at | 1 | -0.29 | -0.64 | -1.06 | -0.5 | -0.48 | -1.29 | - |
| | 0.47 | -0.6 | -1.25 | -1.41 | -1.25 | -0.82 | | | | |
| GENE688X | 14081_at | 14081_at | 1 | -0.04 | -0.98 | -0.94 | -0.49 | -0.95 | -1.14 | - |
| | 0.75 | -1.25 | -1.66 | -1.78 | -1.6 | -1.25 | | | | |
| GENE2298X | 19381_at | 19381_at | 1 | -0.24 | -0.72 | -0.85 | -0.92 | -1.02 | -1.42 | - |
| | 2.03 | -0.9 | -2.5 | -2.08 | -1.49 | -1.79 | | | | |
| GENE1109X | 15481_at | 15481_at | 1 | -0.21 | -0.58 | -1.17 | -1.09 | -1.39 | -1.39 | - |
| | 1.84 | -0.73 | -2.7 | -2.39 | -1.54 | -1.71 | | | | |
| GENE56X | 12141_s_at | 12141_s_at | 1 | -0.23 | -0.3 | -0.57 | -0.43 | -1.01 | -0.82 | - |
| | 0.61 | -0.37 | -1.18 | -1.02 | -0.77 | -0.63 | | | | |
| GENE1954X | 18222_at | 18222_at | 1 | -0.09 | -0.85 | -1.32 | -0.46 | -1.45 | -1.4 | - |
| | 1.11 | -1.06 | -2.06 | -1.88 | -1.56 | -1.84 | | | | |
| GENE952X | 15045_at | 15045_at | 1 | -0.35 | -0.73 | -1.76 | -0.95 | -1.68 | -2.08 | - |
| | 1.86 | -1.52 | -3.02 | -2.82 | -1.86 | -2.64 | | | | |
| GENE1401X | 16312_at | 16312_at | 1 | -0.62 | -1.73 | -2 | -1.41 | -2.78 | -2.32 | - |
| | 3.07 | -1.42 | -3.45 | -3.19 | -2.42 | -3.56 | | | | |
| GENE262X | 12768_at | 12768_at | 1 | -0.87 | -0.21 | -0.24 | -0.91 | -1 | -1.27 | - |
| | 0.7 | -0.52 | -1.96 | -2 | -1.22 | -1.08 | | | | |
| GENE204X | 12561_at | 12561_at | 1 | -0.73 | -0.35 | -0.9 | -1.07 | -0.99 | -1.38 | - |
| | 0.79 | -0.34 | -2.72 | -2.83 | -1.23 | -1.18 | | | | |
| GENE1433X | 16422_at | 16422_at | 1 | -0.76 | -0.47 | -0.33 | -1.03 | -0.44 | -0.68 | - |
| | 1.08 | -0.6 | -1.24 | -1.52 | -0.9 | -1.02 | | | | |
| GENE1015X | 15160_s_at | 15160_s_at | 1 | -1.03 | -0.96 | -0.83 | -1.09 | -0.64 | -1.16 | - |
| | 1.81 | -1.06 | -2.49 | -2.88 | -1.45 | -2.37 | | | | |
| GENE2518X | 20149_at | 20149_at | 1 | -0.54 | -0.57 | -0.33 | -0.43 | -0.53 | -1.04 | - |
| | 0.6 | -0.76 | -1.18 | -1.34 | -0.72 | -1.4 | | | | |
| GENE538X | 13572_s_at | 13572_s_at | 1 | -0.12 | -0.51 | -1 | -0.46 | -0.33 | -0.07 | - |
| | 0.48 | -0.18 | -1.76 | -1.61 | -1.22 | -1.13 | | | | |
| GENE253X | 12752_s_at | 12752_s_at | 1 | -0.18 | -0.31 | -0.72 | -0.3 | -0.11 | -0.18 | - |
| | 0.45 | -0.21 | -1.54 | -1.36 | -1.27 | -0.93 | | | | |
| GENE9X | 12001_at | 12001_at | 1 | -0.33 | -0.69 | -1.67 | -0.67 | -0.27 | -0.2 | - |
| | 0.29 | 0.24 | -2.35 | -2.52 | -1.67 | -2 | | | | |
| GENE280X | 12798_at | 12798_at | 1 | -0.66 | -0.97 | -1.4 | -0.68 | -0.84 | -0.49 | - |
| | 0.53 | -0.1 | -2.92 | -2.13 | -1.96 | -2.47 | | | | |
| GENE617X | 13884_at | 13884_at | 1 | 0.18 | -0.34 | -0.46 | -0.35 | -0.4 | -0.18 | - |
| | 0.13 | -0.02 | -1 | -1.25 | -0.87 | -1.02 | | | | |
| GENE1160X | 15607_s_at | 15607_s_at | 1 | 0.31 | -0.17 | -0.72 | -0.11 | -0.35 | -0.31 | - |
| | 0.3 | -0.07 | -2.44 | -1.9 | -1.36 | -1.55 | | | | |
| GENE1608X | 16996_s_at | 16996_s_at | 1 | -0.16 | 0.01 | -1.09 | -0.39 | -0.46 | -0.77 | - |
| | 0.36 | -0.08 | -2.97 | -2.15 | -1.74 | -1.96 | | | | |
| GENE1798X | 17610_at | 17610_at | 1 | -0.27 | -0.53 | -1.05 | -0.15 | -1.14 | -0.24 | - |
| | 0.34 | -0.63 | -3.35 | -2.67 | -1.63 | -1.8 | | | | |
| GENE1081X | 15407_at | 15407_at | 1 | 0.01 | -0.4 | -0.96 | -0.18 | -0.41 | -0.32 | - |
| | 0.25 | 0.16 | -1.72 | -1.38 | -0.94 | -0.94 | | | | |
| GENE1224X | 15826_at | 15826_at | 1 | 0.08 | -0.32 | -1.14 | -0.19 | -0.38 | -0.53 | - |
| | 0.29 | 0.16 | -1.74 | -1.26 | -1.26 | -0.85 | | | | |
| GENE2111X | 18687_at | 18687_at | 1 | 0.04 | -0.37 | -0.55 | -0.5 | -0.29 | -0.01 | - |
| | 0.15 | -0.00887 | -1.12 | -0.9 | -0.75 | -0.56 | | | | |

| | | | | | | | | | | |
|-----------|------------|------------|-------|-------|-------|-------|---------|-------|-------|---|
| GENE85X | 12212_at | 12212_at | 1 | -0.2 | -0.58 | -1.63 | -1.39 | -0.62 | -0.35 | - |
| 0.68 | 0.07 | -4.38 | -2.73 | -2.49 | -1.63 | | | | | |
| GENE1746X | 17479_at | 17479_at | 1 | 0.13 | -0.03 | -0.57 | -0.34 | -0.29 | -0.35 | - |
| 0.33 | -0.08 | -1.25 | -0.71 | -0.84 | -0.41 | | | | | |
| GENE1654X | 17112_s_at | 17112_s_at | 1 | -0.11 | -0.27 | -0.72 | -0.25 | -0.49 | -0.32 | - |
| 0.39 | -0.19 | -1.35 | -1.14 | -0.85 | -0.59 | | | | | |
| GENE1236X | 15862_at | 15862_at | 1 | -0.11 | -0.49 | -1.24 | -0.46 | -0.84 | -0.95 | - |
| 0.7 | -0.47 | -2.07 | -1.8 | -1.34 | -0.85 | | | | | |
| GENE1396X | 16302_at | 16302_at | 1 | 0.08 | -0.52 | -0.96 | -0.41 | -1.05 | -0.58 | - |
| 0.77 | -0.63 | -2.44 | -1.94 | -1.39 | -1.16 | | | | | |
| GENE440X | 13252_s_at | 13252_s_at | 1 | 0.42 | -0.56 | -0.85 | -0.15 | -0.47 | -0.6 | - |
| 0.79 | 0 | -1.09 | -1.47 | -1.05 | -0.57 | | | | | |
| GENE975X | 15094_s_at | 15094_s_at | 1 | -0.06 | -1.22 | -1.73 | -0.37 | -0.9 | -1.08 | - |
| 1.77 | -0.46 | -2.08 | -2.63 | -1.51 | -1.73 | | | | | |
| GENE345X | 13052_s_at | 13052_s_at | 1 | 0.37 | -0.56 | -0.86 | -0.41 | -0.63 | -0.36 | - |
| 1.58 | 0.33 | -1.56 | -1.7 | -1.66 | -1.37 | | | | | |
| GENE465X | 13301_at | 13301_at | 1 | 0.02 | -0.33 | -0.86 | 0.14 | -1.54 | -1.29 | - |
| 0.83 | -0.71 | -3.19 | -3.19 | -2.45 | -1.45 | | | | | |
| GENE2272X | 19245_at | 19245_at | 1 | -0.04 | -1 | -1 | 0.32 | -1.61 | -1 | - |
| 1.17 | 0.21 | -3.37 | -2.53 | -2.61 | -0.78 | | | | | |
| GENE2052X | 18573_at | 18573_at | 1 | -0.22 | -0.23 | -0.28 | -0.29 | -0.58 | -0.3 | - |
| 0.31 | -0.01 | -1.1 | -0.95 | -0.8 | -0.6 | | | | | |
| GENE1468X | 16495_at | 16495_at | 1 | -0.12 | -0.34 | -0.47 | -0.36 | -0.76 | -0.75 | - |
| 0.34 | -0.02 | -1.44 | -1.36 | -1.15 | -0.74 | | | | | |
| GENE1718X | 17411_s_at | 17411_s_at | 1 | 0.05 | -0.5 | -0.52 | -0.36 | -0.49 | -0.46 | - |
| 0.52 | 0.03 | -1.11 | -1.11 | -1.15 | -0.61 | | | | | |
| GENE585X | 13663_s_at | 13663_s_at | 1 | 0.27 | -0.55 | -0.78 | 0.00447 | | -0.91 | - |
| 0.42 | -1.09 | -0.54 | -1.68 | -1.98 | -1.37 | -1.31 | | | | |
| GENE1386X | 16260_at | 16260_at | 1 | -0.04 | -0.43 | -0.47 | -0.12 | -0.46 | -0.14 | - |
| 0.65 | -0.36 | -1.38 | -1.33 | -1.24 | -1.02 | | | | | |
| GENE575X | 13649_at | 13649_at | 1 | 0.19 | -0.38 | -0.86 | -0.19 | -0.59 | -0.33 | - |
| 0.73 | -0.36 | -1.54 | -1.55 | -1.56 | -1.27 | | | | | |
| GENE34X | 12078_at | 12078_at | 1 | 0.09 | -0.49 | -1.11 | -0.06 | -0.76 | -0.61 | - |
| 0.87 | -0.7 | -2.42 | -2 | -2.07 | -1.72 | | | | | |
| GENE385X | 13142_at | 13142_at | 1 | 0.04 | -0.42 | -0.75 | -0.32 | -0.85 | -0.61 | - |
| 0.69 | -0.52 | -1.91 | -1.65 | -1.7 | -1.4 | | | | | |
| GENE1982X | 18276_at | 18276_at | 1 | -0.08 | -0.42 | -0.87 | -0.45 | -1.21 | -0.76 | - |
| 1.11 | -0.68 | -2.68 | -2.31 | -2.04 | -1.86 | | | | | |
| GENE1226X | 15832_at | 15832_at | 1 | 0.32 | -0.89 | -1.19 | -0.55 | -1.15 | -0.87 | - |
| 1.5 | -0.58 | -3.25 | -2.78 | -2.79 | -2.09 | | | | | |
| GENE252X | 12749_at | 12749_at | 1 | -0.2 | -0.19 | -0.26 | -0.24 | -0.45 | -0.24 | - |
| 0.6 | -0.43 | -1.36 | -1.27 | -1.06 | -0.66 | | | | | |
| GENE1715X | 17399_at | 17399_at | 1 | 0.08 | -0.09 | -0.49 | -0.3 | -0.6 | -0.31 | - |
| 0.49 | -0.46 | -1.59 | -1.53 | -1.26 | -1.01 | | | | | |
| GENE2671X | 20576_at | 20576_at | 1 | -0.12 | -0.06 | -0.41 | -0.53 | -0.83 | -0.59 | - |
| 0.92 | -0.49 | -2.36 | -2.11 | -1.87 | -1.93 | | | | | |
| GENE1302X | 16030_s_at | 16030_s_at | 1 | -0.32 | -0.33 | -0.41 | -0.28 | -0.6 | -0.46 | - |
| 0.61 | -0.02 | -1.86 | -2 | -1.29 | -1.75 | | | | | |
| GENE33X | 12075_at | 12075_at | 1 | -0.45 | -0.27 | -0.57 | -0.14 | -0.75 | -0.51 | - |
| 0.77 | 0.08 | -1.53 | -1.73 | -1.38 | -1.32 | | | | | |
| GENE805X | 14578_s_at | 14578_s_at | 1 | 0.21 | -0.11 | -0.14 | -0.14 | -0.62 | -0.34 | - |
| 0.57 | -0.17 | -1.27 | -1.46 | -0.84 | -1.12 | | | | | |
| GENE866X | 14729_s_at | 14729_s_at | 1 | 0.05 | -0.08 | -0.35 | -0.04 | -0.32 | -0.46 | - |
| 0.27 | -0.25 | -1.4 | -1.42 | -1.12 | -1.23 | | | | | |
| GENE1140X | 15552_at | 15552_at | 1 | 0.23 | -0.31 | -0.73 | -0.36 | -0.69 | -0.97 | - |
| 0.89 | -0.5 | -2.25 | -2.15 | -1.84 | -1.98 | | | | | |

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|-----------|------------|------------|-------|--------|-------|-------|-------|-------|-------|---|
| GENE1723X | 17420_at | 17420_at | 1 | 0.12 | -0.31 | -0.89 | -0.26 | -0.88 | -1.33 | - |
| | 1.19 | -0.98 | -2.81 | -2.5 | -2.67 | -2.62 | | | | |
| GENE1119X | 15510_r_at | 15510_r_at | 1 | 0.24 | 0.15 | -0.71 | -0.23 | -0.69 | 0 | - |
| | 0.69 | -0.3 | -1.4 | -1.1 | -1.18 | -0.64 | | | | |
| GENE1892X | 18007_i_at | 18007_i_at | 1 | -0.14 | -0.22 | -0.89 | 0.01 | -0.4 | -0.11 | - |
| | 0.64 | -0.37 | -1.03 | -1.2 | -1 | -0.76 | | | | |
| GENE1743X | 17471_at | 17471_at | 1 | 0.0072 | | -0.39 | -0.81 | -0.14 | -0.31 | |
| | 0.08 | -0.67 | -0.57 | -1.17 | -0.92 | -1.1 | -0.64 | | | |
| GENE1676X | 17275_i_at | 17275_i_at | 1 | 0 | -0.5 | -0.95 | -0.33 | -0.73 | 0.09 | - |
| | 0.86 | -0.32 | -1.65 | -1.1 | -1.19 | -1 | | | | |
| GENE2687X | 20616_at | 20616_at | 1 | -0.04 | -0.55 | -1.6 | -0.67 | -1.07 | -0.23 | - |
| | 1.09 | -0.43 | -2.64 | -2.46 | -2.02 | -1.77 | | | | |
| GENE1013X | 15153_at | 15153_at | 1 | -0.86 | -0.62 | -1.44 | -0.78 | -0.93 | -1.51 | - |
| | 1.36 | -1.08 | -3.59 | -3.13 | -2.58 | -2 | | | | |
| GENE2648X | 20506_at | 20506_at | 1 | -0.55 | -0.62 | -1.19 | -0.96 | -0.69 | -1.16 | - |
| | 1.45 | -0.93 | -2.23 | -1.85 | -1.98 | -1.57 | | | | |
| GENE2638X | 20468_at | 20468_at | 1 | -0.77 | -0.9 | -2 | -0.97 | -1.14 | -1.64 | - |
| | 1.59 | -1.13 | -3.22 | -2.52 | -2.61 | -2.02 | | | | |
| GENE615X | 13876_at | 13876_at | 1 | -0.32 | -1.07 | -1.32 | -1.23 | -1.05 | -0.79 | - |
| | 1.42 | -1.1 | -3.37 | -2.53 | -2.42 | -1.42 | | | | |
| GENE69X | 12169_i_at | 12169_i_at | 1 | -1.13 | -1.31 | -1.7 | -1.92 | -1.64 | -1.22 | - |
| | 2.16 | -0.93 | -4.2 | -3.2 | -3.09 | -2.04 | | | | |
| GENE1105X | 15472_at | 15472_at | 1 | -0.22 | -0.77 | -1.42 | -0.69 | -1.17 | -1.01 | - |
| | 0.94 | -0.96 | -2.57 | -1.74 | -2.27 | -1.03 | | | | |
| GENE2346X | 19545_at | 19545_at | 1 | -0.27 | -0.97 | -1.72 | -0.69 | -1.11 | -0.88 | - |
| | 1.09 | -0.67 | -2.85 | -2.18 | -2.28 | -1.74 | | | | |
| GENE2500X | 20063_at | 20063_at | 1 | -0.49 | -1 | -2.13 | -1 | -1.06 | -1.01 | - |
| | 1.4 | -0.9 | -3.23 | -2.53 | -2.94 | -2.23 | | | | |
| GENE2271X | 19232_at | 19232_at | 1 | -0.28 | -1.14 | -2.48 | -0.96 | -1.24 | -1.12 | - |
| | 1.8 | -1.42 | -3.59 | -2.76 | -3.12 | -2.39 | | | | |
| GENE1638X | 17084_s_at | 17084_s_at | 1 | -0.4 | -0.4 | -0.62 | -0.25 | -0.68 | -0.19 | - |
| | 0.63 | -0.47 | -1.18 | -1.12 | -1.31 | -0.69 | | | | |
| GENE1170X | 15624_s_at | 15624_s_at | 1 | -0.14 | -0.2 | -0.51 | -0.28 | -0.66 | -0.44 | - |
| | 0.75 | -0.24 | -1.13 | -1.1 | -1.38 | -0.85 | | | | |
| GENE2560X | 20256_s_at | 20256_s_at | 1 | -0.18 | -0.94 | -1.13 | -0.4 | -0.89 | -0.72 | - |
| | 0.9 | -0.83 | -2.33 | -2.26 | -1.74 | -1.79 | | | | |
| GENE871X | 14737_s_at | 14737_s_at | 1 | -0.36 | -0.59 | -1.12 | -0.41 | -0.51 | -0.67 | - |
| | 0.71 | -0.55 | -2.12 | -2.1 | -1.88 | -1.64 | | | | |
| GENE1090X | 15441_at | 15441_at | 1 | -0.25 | -0.44 | -0.66 | -0.47 | -0.59 | -0.46 | - |
| | 0.46 | -0.23 | -1.36 | -1.15 | -1.23 | -1.09 | | | | |
| GENE641X | 13953_at | 13953_at | 1 | -0.49 | -0.7 | -1.3 | -0.75 | -1.08 | -0.4 | - |
| | 0.87 | -0.6 | -2.32 | -1.76 | -1.85 | -1.68 | | | | |
| GENE1592X | 16954_at | 16954_at | 1 | -0.21 | -0.6 | -1.29 | -0.64 | -1.01 | -0.87 | - |
| | 0.92 | -0.48 | -2.6 | -2.03 | -2.33 | -1.83 | | | | |
| GENE791X | 14540_at | 14540_at | 1 | -0.05 | -0.53 | -1.33 | -0.64 | -1.02 | -0.77 | - |
| | 0.86 | -0.75 | -2.8 | -2.4 | -2.49 | -2.23 | | | | |
| GENE926X | 14986_at | 14986_at | 1 | -0.18 | -0.64 | -1.19 | -0.51 | -0.63 | -0.5 | - |
| | 1.11 | -0.58 | -2.3 | -1.86 | -2.04 | -1.8 | | | | |
| GENE815X | 14600_at | 14600_at | 1 | -0.46 | -1.19 | -2.52 | -0.77 | -1.38 | -1.07 | - |
| | 1.96 | -1.37 | -4.21 | -3.15 | -4.02 | -3.44 | | | | |
| GENE1458X | 16479_s_at | 16479_s_at | 1 | -0.53 | -0.62 | -1.18 | -0.77 | -0.92 | -0.67 | - |
| | 0.92 | -0.45 | -2.45 | -2 | -2.71 | -2.01 | | | | |
| GENE2002X | 18313_at | 18313_at | 1 | -0.75 | -0.94 | -1.59 | -1 | -0.93 | -0.6 | - |
| | 1.16 | -0.87 | -3.06 | -2.19 | -2.94 | -2.52 | | | | |
| GENE2024X | 18431_at | 18431_at | 1 | -0.36 | -0.9 | -1.34 | -0.86 | -0.78 | -1.09 | - |
| | 1.5 | -0.87 | -3.63 | -2.63 | -3.76 | -2.91 | | | | |

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|-----------|------------|------------|-------|-------|-------|-------|-------|-------|---------|----|
| GENE338X | 13024_at | 13024_at | 1 | -0.07 | -0.36 | -0.39 | -0.39 | -0.51 | -0.26 | - |
| | 0.45 | -0.39 | -1.62 | -0.7 | -1.11 | -0.91 | | | | |
| GENE742X | 14430_g_at | 14430_g_at | 1 | -0.26 | -0.62 | -1.42 | -0.59 | -1.19 | -0.59 | - |
| | 0.81 | -0.5 | -3.14 | -2.08 | -1.79 | -2.18 | | | | |
| GENE2027X | 18439_s_at | 18439_s_at | 1 | -0.1 | -0.65 | -1.37 | -0.44 | -0.99 | -0.71 | - |
| | 1.06 | -1.17 | -3.54 | -2.28 | -2.32 | -2.09 | | | | |
| GENE2207X | 18985_g_at | 18985_g_at | 1 | 0.01 | -0.43 | -0.66 | -0.08 | -0.6 | -0.33 | - |
| | 1.13 | -0.81 | -2.6 | -1.65 | -1.39 | -1.66 | | | | |
| GENE1179X | 15644_at | 15644_at | 1 | -0.04 | -0.48 | -1.15 | -0.31 | -0.38 | -0.29 | - |
| | 1.16 | -0.8 | -2.85 | -1.78 | -2.45 | -2.22 | | | | |
| GENE2078X | 18628_at | 18628_at | 1 | 0.19 | -0.43 | -1.05 | -0.65 | -0.63 | -0.29 | - |
| | 1.35 | -1.14 | -3.11 | -2.11 | -2.49 | -2.58 | | | | |
| GENE530X | 13561_at | 13561_at | 1 | 0.53 | -0.64 | -1.22 | -0.18 | -0.63 | -0.38 | - |
| | 1.64 | -0.92 | -2.6 | -2.38 | -2.37 | -2.28 | | | | |
| GENE498X | 13482_at | 13482_at | 1 | -0.15 | -0.96 | -1.76 | -0.67 | -0.96 | -0.6 | - |
| | 2.1 | -1.47 | -3.03 | -3.35 | -2.96 | -3.1 | | | | |
| GENE1349X | 16120_at | 16120_at | 1 | -0.07 | -0.96 | -1.64 | -0.53 | -0.58 | -0.38 | - |
| | 1.83 | -1.14 | -2.81 | -2.81 | -3.17 | -2.67 | | | | |
| GENE29X | 12054_at | 12054_at | 1 | 0.14 | -0.28 | -0.95 | -0.44 | -0.35 | -0.28 | - |
| | 0.92 | -0.92 | -1.86 | -1.58 | -1.38 | -1.38 | | | | |
| GENE21X | 12033_at | 12033_at | 1 | 0.37 | -0.15 | -1.44 | -0.54 | -0.72 | -0.41 | - |
| | 0.93 | -1.11 | -2.34 | -2.07 | -2.06 | -1.6 | | | | |
| GENE2444X | 19924_at | 19924_at | 1 | 0.12 | -0.58 | -1.03 | -0.79 | -0.89 | -0.27 | -1 |
| | -1.54 | -2.89 | -2.89 | -2.66 | -2.44 | | | | | |
| GENE2112X | 18688_at | 18688_at | 1 | -0.08 | -0.34 | -1 | -0.56 | -0.45 | -0.11 | - |
| | 0.87 | -0.79 | -1.73 | -1.58 | -1.67 | -1.58 | | | | |
| GENE2200X | 18972_at | 18972_at | 1 | -0.27 | -0.39 | -1.1 | -0.57 | -0.6 | -0.35 | - |
| | 1.11 | -1.3 | -2.22 | -2.04 | -2.16 | -2.21 | | | | |
| GENE2474X | 19997_at | 19997_at | 1 | 0.04 | -0.35 | -1.06 | -0.67 | -0.19 | -0.27 | - |
| | 0.84 | -0.65 | -1.98 | -1.43 | -1.94 | -1.79 | | | | |
| GENE2134X | 18742_f_at | 18742_f_at | 1 | -0.32 | -0.49 | -1.59 | -0.89 | -0.26 | -0.47 | - |
| | 1.31 | -1.41 | -3.17 | -2.33 | -2.52 | -2.46 | | | | |
| GENE2219X | 19086_at | 19086_at | 1 | -0.44 | -0.95 | -2.1 | -0.95 | -0.49 | -0.41 | - |
| | 1.49 | -1.35 | -3.11 | -2.53 | -3.07 | -2.56 | | | | |
| GENE1446X | 16452_g_at | 16452_g_at | 1 | -0.15 | -0.39 | -0.67 | -0.33 | -0.43 | 0.00146 | |
| | -0.53 | -0.01 | -1.21 | -0.84 | -1.26 | -0.83 | | | | |
| GENE1795X | 17596_at | 17596_at | 1 | -0.58 | -1.04 | -1.21 | -0.83 | -0.66 | 0.09 | - |
| | 1.01 | -0.23 | -2.32 | -1.81 | -2.62 | -2.07 | | | | |
| GENE905X | 14914_at | 14914_at | 1 | -0.22 | -0.39 | -0.94 | -0.33 | -0.42 | 0 | - |
| | 0.88 | -0.15 | -1.45 | -0.95 | -1.34 | -1.18 | | | | |
| GENE2569X | 20273_at | 20273_at | 1 | -0.44 | -0.73 | -1.4 | -0.65 | -0.93 | 0.1 | - |
| | 1.27 | -0.11 | -2.26 | -1.51 | -2.68 | -2.54 | | | | |
| GENE551X | 13607_at | 13607_at | 1 | -0.02 | -0.27 | -0.5 | -0.09 | -0.35 | -0.01 | - |
| | 0.36 | -0.2 | -0.95 | -0.42 | -1.05 | -0.86 | | | | |
| GENE1445X | 16451_at | 16451_at | 1 | -0.09 | -0.09 | -0.59 | -0.16 | -0.48 | -0.06 | - |
| | 0.5 | -0.18 | -1.15 | -0.64 | -1.29 | -0.98 | | | | |
| GENE40X | 12098_at | 12098_at | 1 | 0.18 | -0.25 | -0.77 | -0.17 | -0.18 | -0.19 | - |
| | 0.44 | -0.32 | -1 | -0.78 | -1.23 | -1.12 | | | | |
| GENE622X | 13904_s_at | 13904_s_at | 1 | 0.16 | -0.27 | -0.8 | -0.14 | -0.31 | -0.11 | - |
| | 0.51 | -0.35 | -1.09 | -0.62 | -1.32 | -0.95 | | | | |
| GENE2713X | 20688_at | 20688_at | 1 | 0.06 | -0.31 | -1.04 | -0.26 | -0.49 | -0.18 | - |
| | 0.67 | -0.53 | -1.01 | -0.85 | -1.3 | -1.05 | | | | |
| GENE2543X | 20204_at | 20204_at | 1 | -0.09 | -0.43 | -1.17 | -0.31 | -0.64 | -0.46 | - |
| | 0.74 | -0.44 | -1.38 | -0.79 | -1.43 | -1.28 | | | | |
| GENE2127X | 18722_s_at | 18722_s_at | 1 | -0.02 | -0.45 | -0.77 | -0.22 | -0.44 | -0.01 | - |
| | 0.7 | -0.53 | -1.18 | -0.8 | -1.31 | -1.02 | | | | |

| | | | | | | | | | | |
|-----------|------------|------------|-------|----------|-------|-------|-------|-------|-------|---|
| GENE2409X | 19834_at | 19834_at | 1 | 0.22 | -0.71 | -2.14 | -0.93 | -1.41 | -1.02 | - |
| | 2.29 | -1.45 | -3.59 | -2.21 | -4.17 | -2.69 | | | | |
| GENE2109X | 18685_at | 18685_at | 1 | -0.00255 | | -0.24 | -0.54 | -0.37 | -0.22 | - |
| | 0.07 | -0.35 | 0.2 | -1.25 | -1.15 | -1.23 | -1.13 | | | |
| GENE2268X | 19227_at | 19227_at | 1 | 0.32 | -0.41 | -0.74 | -0.24 | -0.15 | -0.24 | - |
| | 0.63 | 0.1 | -1.2 | -1.14 | -1.32 | -0.93 | | | | |
| GENE55X | 12137_at | 12137_at | 1 | 0.31 | -0.24 | -0.92 | -0.25 | -0.58 | -0.08 | - |
| | 0.52 | 0.06 | -2 | -1.39 | -1.74 | -1.31 | | | | |
| GENE132X | 12338_at | 12338_at | 1 | 0.23 | -0.41 | -1.13 | 0.07 | -0.61 | -0.18 | - |
| | 1.06 | -0.07 | -3.02 | -2.52 | -2.2 | -2.2 | | | | |
| GENE2040X | 18521_at | 18521_at | 1 | 0.19 | -0.41 | -0.57 | -0.04 | -0.5 | -0.26 | - |
| | 0.64 | -0.14 | -1.24 | -0.91 | -1.13 | -1.04 | | | | |
| GENE801X | 14571_at | 14571_at | 1 | 0.13 | -0.36 | -0.65 | -0.22 | -0.45 | -0.24 | - |
| | 0.83 | -0.04 | -1.7 | -1.65 | -2.02 | -1.46 | | | | |
| GENE2058X | 18588_at | 18588_at | 1 | 0.47 | -0.45 | -0.86 | -0.21 | -0.54 | -0.34 | - |
| | 0.97 | -0.37 | -2.08 | -1.99 | -2.48 | -1.9 | | | | |
| GENE1914X | 18053_s_at | 18053_s_at | 1 | 0.07 | -0.39 | -0.65 | -0.08 | -0.4 | -0.44 | - |
| | 0.86 | -0.23 | -1.82 | -1.38 | -1.93 | -1.45 | | | | |
| GENE1126X | 15521_at | 15521_at | 1 | 0.23 | -0.57 | -1.03 | -0.16 | -0.82 | -0.39 | - |
| | 1.02 | -0.38 | -2.32 | -1.9 | -2.63 | -1.79 | | | | |
| GENE373X | 13120_at | 13120_at | 1 | -0.47 | -0.31 | -0.47 | -0.71 | -0.23 | -0.13 | - |
| | 0.89 | -0.1 | -1.57 | -1.44 | -2.34 | -1.71 | | | | |
| GENE1456X | 16468_at | 16468_at | 1 | -0.13 | -0.4 | -0.78 | -1.25 | -0.1 | 0.06 | - |
| | 1.43 | -0.37 | -2.73 | -2.38 | -2.91 | -2.26 | | | | |
| GENE1926X | 18086_s_at | 18086_s_at | 1 | -0.29 | -0.32 | -0.76 | -0.34 | -0.46 | -0.43 | - |
| | 0.72 | -0.58 | -1.54 | -1.61 | -1.8 | -1.5 | | | | |
| GENE1923X | 18081_at | 18081_at | 1 | -0.29 | -0.31 | -0.9 | -0.38 | -0.44 | -0.29 | - |
| | 0.59 | -0.42 | -1.72 | -1.66 | -1.87 | -1.35 | | | | |
| GENE2501X | 20066_at | 20066_at | 1 | -0.25 | -0.33 | -0.92 | -0.57 | -0.31 | -0.27 | - |
| | 0.87 | -0.59 | -1.63 | -1.66 | -2.13 | -1.79 | | | | |
| GENE1040X | 15209_s_at | 15209_s_at | 1 | -0.16 | -0.59 | -1.22 | -0.52 | -0.55 | -0.55 | - |
| | 1.16 | -0.85 | -2.59 | -2.44 | -2.66 | -2.62 | | | | |
| GENE1494X | 16548_at | 16548_at | 1 | -0.09 | -0.59 | -1.17 | -0.27 | -0.52 | -0.59 | - |
| | 1.04 | -0.81 | -2.35 | -2.31 | -2.9 | -2.5 | | | | |
| GENE1290X | 16005_at | 16005_at | 1 | -0.24 | -0.17 | -0.52 | -0.26 | -0.14 | -0.39 | - |
| | 0.41 | -0.15 | -1.18 | -1.54 | -1.63 | -1.39 | | | | |
| GENE2130X | 18733_r_at | 18733_r_at | 1 | 0.11 | -0.31 | -0.45 | -0.04 | -0.41 | -0.32 | - |
| | 1.01 | -0.47 | -1.66 | -1.39 | -1.81 | -1.31 | | | | |
| GENE249X | 12745_at | 12745_at | 1 | 0.2 | -0.3 | -1.25 | -0.16 | -0.72 | -0.43 | - |
| | 1.66 | -0.86 | -2.99 | -2.65 | -3.03 | -2.51 | | | | |
| GENE2132X | 18736_at | 18736_at | 1 | 0.08 | -0.43 | -0.6 | -0.33 | -0.66 | -0.43 | - |
| | 1.2 | -0.7 | -1.83 | -1.42 | -2.13 | -1.92 | | | | |
| GENE2462X | 19968_at | 19968_at | 1 | 0.16 | -0.72 | -1.44 | -0.01 | -1.14 | -0.99 | - |
| | 2.38 | -1.48 | -3.52 | -2.87 | -4.65 | -3.53 | | | | |
| GENE2473X | 19996_at | 19996_at | 1 | -0.14 | -0.37 | -0.76 | -0.19 | -0.86 | -0.79 | - |
| | 1.47 | -1.16 | -2.69 | -2.2 | -3.11 | -2.63 | | | | |
| GENE2429X | 19887_s_at | 19887_s_at | 1 | -0.22 | -0.27 | -0.87 | -0.16 | -0.53 | -0.56 | - |
| | 1.07 | -0.52 | -1.99 | -1.8 | -2 | -2.16 | | | | |
| GENE806X | 14579_at | 14579_at | 1 | 0.08 | -0.38 | -0.75 | -0.41 | -0.7 | -0.27 | - |
| | 1.13 | -0.8 | -2.13 | -1.85 | -2.51 | -2.26 | | | | |
| GENE2348X | 19548_at | 19548_at | 1 | -0.05 | -0.34 | -0.88 | -0.37 | -0.62 | -0.51 | - |
| | 1.06 | -0.64 | -2.32 | -1.99 | -2.79 | -2.53 | | | | |
| GENE2460X | 19963_at | 19963_at | 1 | -0.1 | -0.19 | -0.57 | -0.09 | -0.63 | -0.38 | - |
| | 1.03 | -0.55 | -2.12 | -1.72 | -2.47 | -2.12 | | | | |
| GENE2461X | 19964_g_at | 19964_g_at | 1 | -0.05 | -0.3 | -0.73 | -0.13 | -0.88 | -0.36 | - |
| | 1.22 | -0.58 | -2.46 | -1.87 | -2.39 | -2.05 | | | | |

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|-----------|------------|------------|-------|---------|---------|-------|-------|-------|-------|---|
| GENE2524X | 20164_at | 20164_at | 1 | 0.11 | -0.26 | -0.59 | -0.1 | -0.67 | -0.49 | - |
| | 1.09 | -0.52 | -1.75 | -1.64 | -1.96 | -1.74 | | | | |
| GENE1737X | 17454_at | 17454_at | 1 | 0.05 | -0.3 | -0.65 | -0.24 | -0.75 | -0.57 | - |
| | 1.13 | -0.47 | -2.17 | -1.88 | -2.34 | -2.23 | | | | |
| GENE1469X | 16497_at | 16497_at | 1 | 0.02 | -0.22 | -0.47 | -0.05 | -0.67 | -0.53 | - |
| | 0.67 | -0.25 | -1.68 | -1.49 | -1.64 | -1.54 | | | | |
| GENE1280X | 15986_s_at | 15986_s_at | 1 | -0.02 | -0.28 | -0.47 | -0.01 | -0.61 | -0.63 | - |
| | 0.84 | -0.52 | -1.83 | -1.45 | -1.76 | -1.65 | | | | |
| GENE1479X | 16517_at | 16517_at | 1 | 0.23 | -0.08 | -0.61 | -0.04 | -0.68 | -0.53 | - |
| | 0.86 | -0.56 | -2.36 | -2.05 | -2.21 | -2.02 | | | | |
| GENE2696X | 20640_s_at | 20640_s_at | 1 | 0.29 | 0.00779 | | -0.52 | 0.17 | -0.75 | - |
| | 0.66 | -1.03 | -0.65 | -2.33 | -1.97 | -2.52 | -2.23 | | | |
| GENE1918X | 18074_at | 18074_at | 1 | 0.16 | -0.12 | -0.38 | -0.07 | -0.43 | -0.21 | - |
| | 0.55 | -0.4 | -1.52 | -1.12 | -1.64 | -1.72 | | | | |
| GENE1296X | 16018_s_at | 16018_s_at | 1 | 0.3 | -0.33 | -0.72 | -0.14 | -0.65 | -0.57 | - |
| | 0.94 | -0.57 | -2.23 | -2.1 | -2.15 | -2.23 | | | | |
| GENE1042X | 15212_s_at | 15212_s_at | 1 | 0.22 | -0.16 | -0.51 | -0.18 | -0.49 | -0.39 | - |
| | 0.73 | -0.62 | -1.92 | -1.82 | -2.04 | -2.01 | | | | |
| GENE1712X | 17394_s_at | 17394_s_at | 1 | 0.29 | -0.21 | -0.78 | -0.15 | -0.69 | -0.54 | - |
| | 0.98 | -0.81 | -2.26 | -1.97 | -2.46 | -2.25 | | | | |
| GENE1644X | 17095_s_at | 17095_s_at | 1 | 0.35 | -0.49 | -0.89 | 0.08 | -0.51 | -0.45 | - |
| | 0.78 | -0.55 | -2.4 | -1.96 | -2.42 | -2.29 | | | | |
| GENE1440X | 16443_at | 16443_at | 1 | 0.00136 | | -0.4 | -0.73 | -0.01 | -0.81 | - |
| | 0.19 | -0.77 | -0.28 | -2.02 | -1.23 | -1.91 | -1.55 | | | |
| GENE14X | 12015_at | 12015_at | 1 | 0 | -0.27 | -0.5 | -0.09 | -0.95 | -0.59 | - |
| | 0.91 | -0.4 | -2.39 | -1.32 | -2.04 | -1.76 | | | | |