| MHC Class I | rs1632856 (G>A) | Ca | Co | OR  | 95% CI |
|-------------|-----------------|----|----|-----|--------|
| B-cell ALL: log-additive | 567 | 892 | 0.80 | 0.66-0.94 |
| Genetic Models | | | | | |
| A/G (vs G/G) | 213 | 363 | 0.82 | 0.66-1.02 |
| A/A (vs G/G) | 35 | 80 | 0.82 | 0.40-0.96 |
| Dominant | 248 | 443 | 0.78 | 0.63-0.97 |
| Recessive | 35 | 80 | 0.87 | 0.44-1.02 |
| By Race/Ethnicity (P homogeneity=0.611) | | | | | |
| Non-Hispanic white | 241 | 420 | 0.84 | 0.66-1.07 |
| Hispanic | 326 | 469 | 0.77 | 0.61-0.97 |
| By Sex (P homogeneity=0.349) | | | | | |
| Male | 298 | 495 | 0.74 | 0.58-0.94 |
| Female | 269 | 397 | 0.87 | 0.69-1.10 |
| By Age (P homogeneity=0.947) | | | | | |
| 0 - 5 years | 391 | 571 | 0.80 | 0.65-0.98 |
| 6 - 14 years | 176 | 321 | 0.79 | 0.58-1.08 |
| Major B-cell ALL subtypes | | | | | |
| cALL (CD10+/CD19+, 2-5 yrs) | 309 | 892 | 0.82 | 0.66-1.02 |
| Non-cALL | 258 | 892 | 0.77 | 0.61-0.97 |
| Hyperdiploid | 178 | 892 | 0.74 | 0.57-0.96 |
| TEL-AML1 | 96 | 892 | 0.75 | 0.53-1.06 |
| Normal karyotype | 58 | 892 | 0.66 | 0.42-1.04 |

| MHC Class I | rs2524279 (A>G) | Ca | Co | OR  | 95% CI |
|-------------|-----------------|----|----|-----|--------|
| B-cell ALL: log-additive | 565 | 888 | 0.73 | 0.58-0.92 |
| Genetic Models | | | | | |
| G/A (vs A/A) | 120 | 227 | 0.76 | 0.59-0.98 |
| G/G (vs A/A) | 4 | 16 | 0.36 | 0.12-1.08 |
| Dominant | 124 | 243 | 0.74 | 0.57-0.96 |
| Recessive | 4 | 16 | 0.34 | 0.13-0.89 |
| By Race/Ethnicity (P homogeneity=0.567) | | | | | |
| Non-Hispanic white | 240 | 424 | 0.87 | 0.67-1.07 |
| Hispanic | 325 | 484 | 0.77 | 0.57-1.04 |
| By Sex (P homogeneity=0.886) | | | | | |
| Male | 298 | 493 | 0.70 | 0.51-0.96 |
| Female | 269 | 395 | 0.77 | 0.55-1.08 |
| By Age (P homogeneity=0.599) | | | | | |
| 0 - 5 years | 389 | 569 | 0.70 | 0.53-0.92 |
| 6 - 14 years | 176 | 319 | 0.77 | 0.52-1.14 |
| Major B-cell ALL subtypes | | | | | |
| cALL (CD10+/CD19+, 2-5 yrs) | 308 | 888 | 0.77 | 0.57-1.04 |
| Non-cALL | 257 | 888 | 0.68 | 0.50-0.92 |
| Hyperdiploid | 178 | 888 | 0.66 | 0.45-0.97 |
| TEL-AML1 | 95 | 888 | 0.58 | 0.34-0.99 |
| Normal karyotype | 58 | 888 | 0.99 | 0.56-1.69 |
| Genotype          | Ca  | Co  | OR  | 95%CI |
|-------------------|-----|-----|-----|-------|
| B-cell ALL: A/C (vs C/C or A/A) | 247 | 471 | 0.68| 0.55-0.84 |

**Genetic Models**

- A/C (vs C/C): 247, 471, 0.68, 0.49-0.80
- A/A (vs C/C): 146, 210, 0.83, 0.62-1.11
- Dominant: 393, 681, 0.88, 0.54-0.96
- Recessive: 146, 210, 1.12, 0.88-1.43

**By Race/Ethnicity (P homogeneity=1.000)**

- Non-Hispanic white: 241, 426, 0.68, 0.49-0.94
- Hispanic: 326, 466, 0.68, 0.51-0.91

**By Sex (P homogeneity=0.789)**

- Male: 298, 495, 0.86, 0.49-0.89
- Female: 269, 397, 0.70, 0.51-0.96

**By Age (P homogeneity=0.665)**

- 0 - 5 years: 391, 571, 0.65, 0.50-0.84
- 6 - 14 years: 176, 321, 0.72, 0.50-1.04

**Major B-cell ALL subtypes**

- CALL (CD10+/CD19+, 2-5 yrs): 309, 892, 0.69, 0.53-0.90
- Non-CALL: 258, 892, 0.64, 0.48-0.85
- Hyperdiploid: 178, 892, 0.67, 0.48-0.94
- TEL-AML1: 96, 892, 0.76, 0.50-1.16
- Normal karyotype: 58, 892, 0.40, 0.22-0.73