Supplementary Table 5. Haplotype analyses for *IL18* rs1946518 and rs187238

**Chagas Cardiopathy**

| Haplotype | Total haplotype frequency | With Chagas Cardiopathy | No Chagas Cardiopathy | With Chagas Cardiopathy haplotype frequency | No Chagas Cardiopathy haplotype frequency | P     |
|-----------|---------------------------|-------------------------|-----------------------|---------------------------------------------|-------------------------------------------|-------|
| CC        | 0.568                     | 151.3                   | 94.7                  | 82.7                                        | 83.3                                      | 0.0186 |
| AG        | 0.257                     | 58.3                    | 187.7                 | 47.7                                        | 118.3                                     | 0.2534 |
| AC        | 0.158                     | 32.7                    | 213.3                 | 32.3                                        | 133.7                                     | 0.0911 |
| CG        | 0.017                     | 3.7                     | 242.3                 | 3.3                                         | 162.7                                     | 0.6977 |

**NYHA**

| Haplotype | Total haplotype frequency | NYHA≥2 | No CA or NYHA<2 | NYHA≥2 haplotype frequency | No CA or NYHA<2 frequency | P     |
|-----------|---------------------------|--------|-----------------|---------------------------|---------------------------|-------|
| CC        | 0.568                     | 98.5   | 59.5            | 117.6                     | 106.4                     | 0.0554 |
| AG        | 0.257                     | 37.5   | 120.5           | 59.6                      | 164.4                     | 0.5286 |
| AC        | 0.158                     | 19.5   | 138.5           | 42.4                      | 181.6                     | 0.0843 |
| CG        | 0.017                     | 2.5    | 155.5           | 4.4                       | 219.6                     | 0.7701 |

**LVEF**

| Haplotype | Total haplotype frequency | LVEF<45% | LVEF≥45% | LVEF>45% haplotype frequency | LVEF≥45% haplotype frequency | P     |
|-----------|---------------------------|----------|----------|-------------------------------|-------------------------------|-------|
| CC        | 0.568                     | 89.6     | 48.4     | 119.5                         | 110.5                         | 0.0149 |
| AG        | 0.257                     | 27.6     | 110.4    | 65.5                          | 164.5                         | 0.0707 |
| AC        | 0.158                     | 17.4     | 120.6    | 41.5                          | 188.5                         | 0.1672 |
| CG        | 0.017                     | 3.4      | 134.6    | 3.5                           | 226.5                         | 0.529  |

**Parasitemia**

| Haplotype | Total haplotype frequency | Parasitemia: positive | Parasitemia: negative | Parasitemia: positive haplotype frequency | Parasitemia: negative haplotype frequency | P     |
|-----------|---------------------------|-----------------------|-----------------------|------------------------------------------|------------------------------------------|-------|
| CC        | 0.568                     | 104.5                 | 75.5                  | 124.5                                    | 99.5                                     | 0.6124 |
| AG        | 0.257                     | 51.5                  | 128.5                 | 52.5                                     | 171.5                                    | 0.2338 |
| AC        | 0.158                     | 22.5                  | 157.5                 | 41.5                                     | 182.5                                    | 0.097  |
| CG        | 0.017                     | 1.5                   | 178.5                 | 5.5                                      | 218.5                                    | 0.2031 |

LVEF: left ventricle ejection fraction, NYHA: New York heart association score. No CA – without cardiopathy. All haplotype counts and frequencies were estimated using Haploview, based on the genotype distribution observed in the analyzed population. P values ≤ 0.05 in bold.