| Strain       | RBC  | Hb     | MCV  | RDW | PLT | MPV  | WBC  | LY  | NE  | MO  |
|-------------|------|--------|------|-----|-----|------|------|-----|-----|-----|
|             | (#/μL) | (g/dL) | (fl) | (%) | (#/μL) | (fl) | (#/μL) | (fl) | (#/μL) | (#/μL) |
| A/J         | 9.70  | 13.83  | 48.62 | 19.47 | 1016.17 | 5.25  | 6.34  | 4.61 | 1.27 | 0.35 |
|             | (0.13) | (0.21) | (0.22) | (0.14) | (0.64) | (0.06) | (0.48) | (0.43) | (0.07) | (0.03) |
| C57BL/6J    | 10.48 | 15.50  | 45.97 | 18.38 | 946.50  | 5.32  | 10.74 | 7.03 | 2.46 | 1.03 |
|             | (0.25) | (0.38) | (0.16) | (0.16) | (87.17) | (0.08) | (0.26) | (0.16) | (0.09) | (0.06v) |
| 129S1/SvImJ | 9.25  | 13.47  | 62.42 | 17.00 | 449.17  | 4.25  | 5.16  | 3.72 | 1.11 | 0.28 |
|             | (0.74) | (1.17) | (0.38) | (0.25) | (29.98) | (0.07) | (0.64) | (0.45) | (0.14) | (0.05) |
| NOD/ShiLtJ  | 9.44  | 15.43  | 55.90 | 17.14 | 896.50  | 5.18  | 7.11  | 3.52 | 2.86 | 0.49 |
|             | (0.27) | (0.46) | (0.61) | (0.14) | (50.82) | (0.11) | (0.59) | (0.30) | (0.25) | (0.04) |
| NZO/HILU    | 10.54 | 14.93  | 44.52 | 20.41 | 1443.50 | 5.88  | 5.90  | 3.76 | 1.65 | 0.48 |
|             | (0.35) | (0.54) | (0.30) | (0.82) | (35.41) | (0.07) | (0.27) | (0.20) | (0.07) | (0.06) |
| CAST/EJU    | 12.18 | 16.52  | 46.32 | 20.05 | 659.33  | 4.28  | 9.04  | 6.47 | 1.83 | 0.44 |
|             | (0.22) | (0.33) | (0.18) | (0.44) | (50.81) | (0.09) | (0.92) | (0.64) | (0.25) | (0.08) |
| PWK/PhJ     | 12.93 | 18.54  | 60.84 | 18.56 | 689.00  | 5.26  | 8.03  | 3.87 | 2.79 | 0.98 |
|             | (0.48) | (0.82) | (0.67) | (0.25) | (141.28)| (0.12) | (0.59) | (0.33) | (0.20) | (0.09) |
| WSB/EiJ     | 12.47 | 17.15  | 57.84 | 16.51 | 736.13  | 3.98  | 7.06  | 3.67 | 2.28 | 0.82 |
|             | (0.52) | (0.68) | (0.30) | (0.48) | (30.40) | (0.03) | (0.61) | (0.37) | (0.21) | (0.08) |
| Pre-CC      | 10.12 | 14.49  | 54.35 | 18.15 | 997.78  | 4.80  | 8.00  | 5.27 | 2.03 | 0.56 |
|             | (0.14) | (0.18) | (0.61) | (0.13) | (34.80) | (0.04) | (0.26) | (0.19) | (0.08) | (0.02) |

| F-statistic | 10.89 | 5.11  | 260.51 | 13.37 | 14.92 | 58.24 | 6.46 | 8.91 | 11.83 | 13.55 |
| p-value     | 0.04  | 0.98  | 5.70   | 0.10  | 0.21  | 0.05  | 0.07 | 0.08 | 0.09  |
| Broad sense heritability | 0.62 | 0.41  | 0.98  | 0.67  | 0.70  | 0.91  | 0.48  | 0.57  | 0.64  | 0.68 |

Values are reported as mean (standard error).

1 data were log-transformed for statistical analysis and mapping.

2 ANOVA conducted using only founder strains.

3 r1, the interclass correlation, and g2, coefficient of genetic determination, were calculated using founder strains only, as described in (Xing et al., 2009).