**Table S6.** Effect of *PHKG1* g.8283C>A on carcass weight in White Duroc × Erhualian F2 intercross, Sutai pigs and Duroc × (Landrace × Yorkshire) hybrid pigs.

|  |  |  |
| --- | --- | --- |
|  | Mean ± standard error |  |
| **Populations** | **AA (n)** | **AC (n)** | **CC (n)** | ***P* value** |
| F2 intercross | 71.44±16.03(49) | 67.88±12.76(367) | 65.83±13.85(514) | 0.126 |
| Sutai | 46.97±11.69(122) | 52.02±13.58(205) | 55.50±10.20(105) | 0.217 |
| DLY | 85.122±10.493(9) | 82.893±7.908(45) | 84.709±7.804(85) | 0.757 |