**Table S6.** Genome size estimates in *Jasione maritima*. In each population, DNA ploidy estimates and mean, standard deviation of the mean (SD), coefficient of variation (CV, in %), minimum (Min) and maximum (Max) values of holoploid genome size (2C, in pg) are given. Number of individuals analyzed for genome size in each population (n) and mean monoploid genome size (1C*x*,in pg) are also provided. Ploidy levels: diploids (2*x*) and tetraploids (4*x*).

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| ID code | Ploidy level |  | Homoploid genome size (2C) |  | Monoploid Genome size (1C*x*) |
|  | Mean | SD | CV (%) | Min | Max | N |  |
| *J. maritima* var*. maritima* |  |  |  |  |  |  |  |
| MS003 | 2*x* |  | 2.93 | 0.01 | 0.4% | 2.92 | 2.94 | 3 |  | 0.25 |
| SC073 | 2*x* |  | 2.92 | 0.05 | 1.9% | 2.88 | 2.98 | 3 |  | 0.24 |
| SC077 | 2*x* |  | 2.89 | 0.04 | 1.3% | 2.84 | 2.91 | 3 |  | 0.25 |
| SC242 | 2*x* |  | 3.01 | 0.05 | 1.6% | 2.98 | 3.05 | 2 |  | 0.25 |
| SC243 | 2*x* |  | 3.02 | 0.04 | 1.5% | 2.91 | 3.06 | 10 |  | 0.25 |
| SC244 | 2*x* |  | 3.07 | 0.04 | 1.2% | 3.03 | 3.10 | 3 |  | 0.25 |
| MC369 | 4*x* |  | 6.11 | 0.16 | 2.6% | 6.00 | 6.29 | 3 |  | 0.25 |
| SC071  | 4*x* |  | 6.03 | 0.14 | 2.3% | 5.80 | 6.36 | 10 |  | 0.25 |
| SC072 | 4*x* |  | 6.11 | 0.09 | 1.5% | 5.97 | 6.22 | 10 |  | 0.25 |
| SC080 | 4*x* |  | 6.11 | 0.05 | 0.8% | 6.06 | 6.17 | 5 |  | 0.25 |
| SC116 | 4*x* |  | 6.03 | 0.08 | 1.4% | 5.93 | 6.16 | 5 |  | 0.25 |
| SC117 | 4*x* |  | 5.98 | 0.11 | 1.8% | 5.86 | 6.09 | 5 |  | 0.25 |
| *J. maritima var. sabularia* |  |  |  |  |  |  |  |
| MC215 | 4*x* |  | 5.90 | 0.16 | 2.7% | 5.76 | 6.19 | 6 |  | 0.25 |
| MC217 | 4*x* |  | 5.86 | 0.09 | 1.6% | 5.79 | 5.92 | 2 |  | 0.24 |
| MC293 | 4*x* |  | 6.05 | 0.18 | 3.0% | 5.80 | 5.36 | 14 |  | 0.25 |