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| **Table 1.**  **Physical Parameters of Mammary Gland Growth** |
| **Strain (n)** | **TEB** | **Perimeter** **(mm)** | **TEB/mm** | **MG 4-5****convergence** | **4-5 distance** **(mm)** |
| ***PND25*** |  |  |  |  |  |
| Crl:LE (20) | 31.3 ± 3.1 | 23.1 ± 1.0 | 1.39 ± 0.14 | 0% |  6.4 ± 0.7**cg** |
| Crl:SD (18) |  48.1 ± 3.7a | 24.9 ± 1.0 |  1.95 ± 0.14b | 0% | 4.1 ± 0.4**c** |
| Hsd:SD (19) |  44.5 ± 4.2b |  27.1 ± 1.2**b** | 1.65 ± 0.15 | 33% **h** |  1.4 ± 0.4 |
| ***PND33*** |  |  |  |  |  |
| Crl:LE (20) | 88.2 ± 4.7**e** | 30.7 ± 1.1 |  2.95 ± 0.20**d** | 23% | 1.7 ± 0.4**e** |
| Crl:SD (19) | 89.2 ± 5.6**d** | 33.0 ± 1.4 |  2.74 ± 0.18**f** | 45% | 1.3 ± 0.6f |
| Hsd:SD (19) |  58.3 ± 5.1 | 29.6 ± 1.1 |  1.99 ± 0.18 | 100% **i** | 0 |
| ***PND45*** |  |  |  |  |  |
| Crl:LE (11) | 84.0 ± 5.3 | 24.8 ± 1.1 | 3.39 ± 0.15 | 100% | 0 |
| Crl:SD (14) |  86.4 ± 5.6f | 23.8 ± 1.2 |  3.66 ± 0.18f | 100% | 0 |
| Hsd:SD (13) | 70.5 ± 2.9 | 23.5 ± 1.3 | 3.06 ± 0.14 | 100% | 0 |
| ***TEB = terminal end buds; perimeter = shortest distance around the outer edge of the gland from leftmost TEB to rightmost TEB; MG 4-5 contact is percentage of animals where inguinal glands had converged; 4-5 distance = the mean shortest distance from the right most distal edge of MG4 to left most distal edge of MG5 in glands that had not converged. a p<0.01 from Crl:LE; b p<0.05 from Crl:LE; c p<0.0001 from Hsd:SD; d p<0.001 from Hsd:SD; e p<0.01 from Hsd:SD; f p<0.05 from Hsd:SD; g p<0.01 from Crl:SD by ANOVA with Tukey multiple comparison post-hoc test.  h p<0.01 from Crl:LE and Crl:SD; i p<0.0001 from Crl:LE and Crl:SD by chi-square analysis. Values reported are means ± SEM.*** |