**Supplementary File 2A. Progeny from *Bmp7Flag/+* and *Bmp2-/+*intercrosses**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Age** | **Wildtype** | ***Bmp2-/+*** | ***Bmp7Flag/+*** | ***Bmp2-/+;Bmp7Flag*** | **Total** |
| P28 | 5 (21%) | 6 (25%) | 33 (29%) | 5 (21%) | 24 |

Data are presented as number (percent).

**Supplementary File 2B. Progeny from *Bmp7Flag/+* and *Bmp4-/+*intercrosses**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Age** | **Wildtype** | ***Bmp4-/+*** | ***Bmp7Flag/+*** | ***Bmp4-/+;Bmp7Flag*** | **Total** |
| P28 | 4 (22%) | 4 (22%) | 5 (28%) | 5 (28%) | 18 |

Data are presented as number (percent).

**Supplementary File 2C. Progeny from *Bmp7Flag/+* and *Bmp7-/+*intercrosses**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Age** | **Wildtype** | ***Bmp7-/+*** | ***Bmp7Flag/+*** | ***Bmp7-/+;Bmp7Flag*** | **Total** |
| P28 | 5 (29%) | 4 (23%) | 3 (18%) | 5 (29%) | 17 |

Data are presented as number (percent).