

**Table S1. Penetrance of secondary tail in BMP mutants**

Mutants	<i>smad5</i> <sup>m169</sup>	<i>smad5</i> <sup>dtly40/+</sup> , <i>smad5</i> <sup>dtly40/dtly40</sup>	<i>bmp7a</i> <sup>ty68a</sup>
2° tail	49% (n=84)	36% (n=186)	38% (n=95)