**Table S5. Expected fragment sizes for the Flp-excision Southern blot analysis.   
After Flp-excision, again the 3’ probe was used to confirm the deletion.**

|  |  |
| --- | --- |
| **Allele** | **Expected size of SpeI fragment** |
| wild-type | 10.1 kb |
| targeted | 7.2 kb |
| Flp-excised | 5.6 kb |