

**S1 Table: Result of karyotyping of eight correctly targeted ES cell clones.**

Clone ID	Number of metaphase counted																			
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
<b>23</b>	41	41	42	41	41	40	41	40	40	41	40	41	41	42	42					
<b>24</b>	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40
<b>42</b>	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40
<b>62</b>	39	39	39	39	39	39	39	39	39	39	39	39	39	39	39					
<b>71</b>	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40
<b>75</b>	41	41	41	41	41	41	41	41	41	41	41	41	41	41	41					
<b>83</b>	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40
<b>84</b>	41	41	41	41	41	41	41	41	41	41	41	41	41	41	41					