

**Table 1. Overview of mouse tumors analyzed**

Number of samples	Genotype	Latency (days)	Homologous Repair	p53 status	Reference	Identifiers	Histology	Tumor %
2	<i>K14cre;Trp53<sup>flox/flox</sup></i>	504	Proficient	Heterozygous	Jonkers et. al. 2001 (20)	PD3685a	Mesenchymal	75
		386				PD3686a	Mesenchymal	50
2	<i>K14cre;Cdh1<sup>flox/flox</sup>;Trp53<sup>flox/flox</sup></i>	449	Proficient	Null	Derksen et. al. 2006 (19)	PD3679a	mILC <sup>1</sup>	85
		328				PD3680a	mILC <sup>1</sup> /Carcinoma	85
2	<i>K14cre;Brca1<sup>flox/flox</sup>;Trp53<sup>flox/flox</sup></i>	99	Deficient	Null	Liu et. al. 2007 (21)	PD3681a	Carcinoma	95
		247				PD3682a	Carcinoma	95
2	<i>K14cre;Brca2<sup>flox/flox</sup>;Trp53<sup>flox/flox</sup></i>	144	Deficient	Null	Jonkers et. al. 2001 (20)	PD3683a	Carcinoma	95
		227				PD3684a	Carcinoma	95

<sup>1</sup>mouse Invasive Lobular Carcinoma