

Supplement Table 1. Tooth phenotypes in mice with mutation of fgf signalling related molecules

Mutant mice	Phenotypes	Reference
Ligands		
<i>Fgf3 null</i>	abnormal shape in molars	Wang et al., 2007 Charles et al., 2009
<i>Fgf10 null</i>	lack of cervical loop	Harada et al., 2002
<i>Fgf3^{-/-};10^{+/-}</i>	small molars	Wang et al., 2007
<i>Fgf3^{-/-};10^{-/-}</i>	lack of cervical loop	Wang et al., 2007
Receptors		
<i>Fgfr2IIIb null</i>	Arrest of development at bud stage	De Moerlooze et al., 2000
<i>Fgfr2tm;K14Cre</i>	Arrest of development at bud stage	Hosokawa et al., 2009
<i>Fgfr2tm;Nkx3.1Cre</i>	Failure of maintenance of cervical loop	Lin et al., 2009
<i>Fgfr1tm;K14Cre</i>	abnormal enamel formation	Takamori et al., 2008
Related molecules		
<i>Sprouty2</i>	supernumerary tooth in diastema	Klein et al., 2006
<i>Sprouty4</i>	supernumerary tooth in diastema	Klein et al., 2006
<i>Sprouty2^{+/-};4^{-/-}</i>	Bilateral enamel deposition	Klein et al., 2008