

**Table I. Number of animals**

Experimental Group	Total number	Age (weeks)	Real-time PCR	MicroCT	Histology	Fluorescent Microscopy
Control	20	3	6 condyles	10 condyles	10 condyles	4 Condyles
Dynamic Load	20	3	6 condyles	10 condyles	10 condyles	4 Condyles
Static Load	20	3	6 condyles	10 condyles	10 condyles	4 Condyles

NOTE: Condyles used for MicroCT were also used for Histology