



**EMMA**  
mouse repository



**INFRAFRONTIER**  
mouse disease models

**CNB-CSIC Mouse Embryo Cryopreservation Facility – Spanish EMMA node**

**GENOTYPING PROTOCOL**

EMMA ID number	<b>EM:05016</b>
Mouse mutant strain	<b>C3HeB/FeJ-Six1Cwe/legWtsiCnbc</b>
Gene/Locus affected	<b>Six1</b>
MGI ID number	<b>MGI:102780</b>
Mouse strain common name	<b>Catweasel</b>
Owner/Provider of this mouse strain	<b>Karen Steel</b>
DNA primers for wild-type allele	FW 5' -CACCTGCACAAGAACGAGAG-3' RV 5' -TTCGACTCAGACCAGCTTCA-3'
PCR conditions for wild-type allele	Program: 1' 94°; 35x(30'' 95°, 30'' 60°, 30'' 72°); 10' 72° PCR product: bp
DNA primers for mutant allele	
PCR conditions for mutant allele	
Source of genotyping information	<b>Provider or PubMed ID: 19389353</b>
Comments	To genotype catweasel mice, Six1 exon 1 was amplified by PCR using the indicated primers and sequenced with internal primer FW2 5'-ACTTCCGCGAGCTCTACAAG-3'