



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

**GENOTYPING PROTOCOL**

EMMA ID number	<b>EM:06003</b>
Mouse mutant strain	<b>B6N.129S2(C)-Cd207tm1Mal/Cnbc</b>
Gene/Locus affected	<b>Cd207</b>
MGI ID number	<b>MGI:2180021</b>
Mouse strain common name	<b>Langerin (CD207) Knockout</b>
Owner/Provider of this mouse strain	<b>Adrien Kissenpfennig</b>
DNA primers for wild-type allele	LangerinWT: 5'-CATTGTAGGGTGGGTGGATAGAT-3' LangerinWT: 5'-GTTTGTCCACTGTGAAGTGGCG-3' LangerinCRE: 5'-ACATTGGATATCCTCCTGTGACCT-3'
PCR conditions for wild-type allele	Program: 5'94°;35x(30''94°,30''60°,45''72°);10'72° PCR product: WT 350 bp, Mut 650 bp
Source of genotyping information	<b>Provider or PubMed ID: 15601833</b>
Comments	<b>Comments</b>