

Table S3. Summary of CiPSCs characterization

Clone	Initial cell type	Strain	Genomic PCR	RT-PCR	RNA-seq	IF	Karyotype	Methylation	Teratoma	Chimeric
IEC-CiPSC-10	embryonic IEC	OG(C57) X ICR	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
IEC-CiPSC-13	embryonic IEC	OG(C57) X ICR	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
p <i>Villin</i> -Cre-tdTomato IEC-CiPSC-3	embryonic IEC	C57BL/6JNju X C57BL/6J	Yes	Yes	N/A	Yes	N/A	N/A	N/A	N/A
p <i>Villin</i> -Cre-tdTomato IEC-CiPSC-4	embryonic IEC	C57BL/6JNju X C57BL/6J	Yes	Yes	N/A	Yes	Yes	N/A	N/A	Yes
NSC-CiPC-1	embryonic NSC	OG(C57) X ICR	Yes	Yes	Yes	Yes	N/A	N/A	Yes	Yes
NSC-CiPC-2	embryonic NSC	OG(C57) X ICR	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
NSC-CiPC-3	embryonic NSC	OG(C57) X ICR	Yes	Yes	N/A	Yes	Yes	N/A	Yes	Yes
NSC-CiPC-4	embryonic NSC	OG(C57) X ICR	Yes	Yes	Yes	Yes	N/A	N/A	N/A	Yes
NSC-CiPC-5	embryonic NSC	OG(C57) X ICR	Yes	Yes	N/A	Yes	N/A	N/A	N/A	N/A
NSC-CiPC-6	embryonic NSC	OG(C57) X ICR	Yes	Yes	N/A	Yes	Yes	Yes	N/A	Yes
NSC-CiPC-7	postnatal NSC	OG(C57) X ICR	Yes	Yes	N/A	Yes	N/A	N/A	N/A	N/A
NSC-CiPC-8	postnatal NSC	OG(C57) X ICR	Yes	Yes	N/A	Yes	N/A	N/A	N/A	N/A
NSC-CiPC-9	postnatal NSC	OG(C57) X ICR	Yes	Yes	N/A	Yes	N/A	N/A	N/A	N/A
NSC-CiPC-10	postnatal NSC	OG(C57) X ICR	Yes	Yes	N/A	Yes	N/A	N/A	N/A	N/A

