

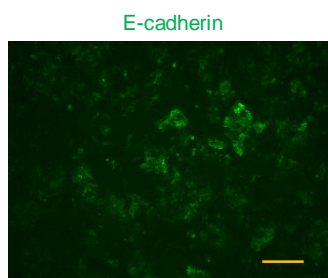
Generation of non-viral, transgene-free hepatocyte like cells with *piggyBac* transposon.

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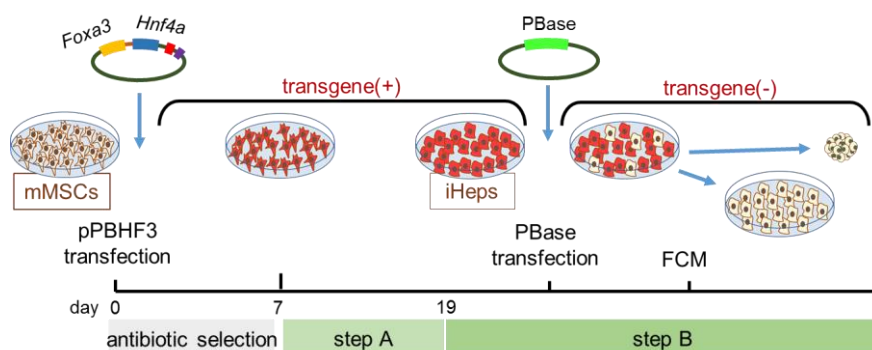
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**S1**



**S2**



**Supplementary Figure. (S1)** Immunofluorescent staining for E-cadherin on day 15 of differentiation step. Scale bar : 200um. **(S2)** Schematic image of whole protocol is described.

	forward	reverse
<b>Aat</b>	TTGACGTGCACTATTGCAGC	TGTTCTCTCTCATCGATGG
<b>Actb</b>	AGGGAAATCGTGCGTGACAT	GCTAGGAGCCAGAGCAGTAATC
<b>Afp</b>	ACAGGAGGCTATGCATCACC	TGGACATCTTCACCATGTGG
<b>Alb</b>	GACAAGGAAAGCTGCCTGAC	TTCTGCAAAGTCAGCATTGG
<b>Acta2</b>	CTATTCAGGCTGTGCTGTCC	AGTTCGTAGCTCTTCTCCAGG
<b>CK18</b>	AAGATCATGGCGGACATCC	CTGACTCCAGATGCAGAAGG
<b>CK19</b>	GTGCCACCATTGACAACCTCC	AATCCACCTCCACACTGACC
<b>Cyp2e1</b>	TGGTCCTGCATGGCTACAAG	CGGGCCTCATTACCCTGTTT
<b>Cyp3a11</b>	AGCAGGGATGGACCTGGTTT	CAGCAAGGAGAGGCGTTTGA
<b>Cdh1</b>	GCCACAGATGATGGTTCACC	CTTCATGCAGTTGTTGACCG
<b>G6P</b>	AAGTCGTTCCCATTCGCTT	CAAAGGGAAGTGTGCGCTC
<b>Tat</b>	TCCAGGAGTTCTGTGAACAGC	AGTATATGGTGCCTGCCTGC
<b>Ttr</b>	ATGAATTCGCGGATGTGG	TTCCTGAGCTGCTAACACGG
<b>Vim</b>	TACCAGGACACTATTGGCCG	CTGTTGCACCAAGTGTGTGC
<b>transgene</b>	TGAGGGCAGACATAGCACAG	AGTTCTTGCAGCTCGGTGAC

**Supplementary Table. (S1)** Primers for PCR analyses are listed.