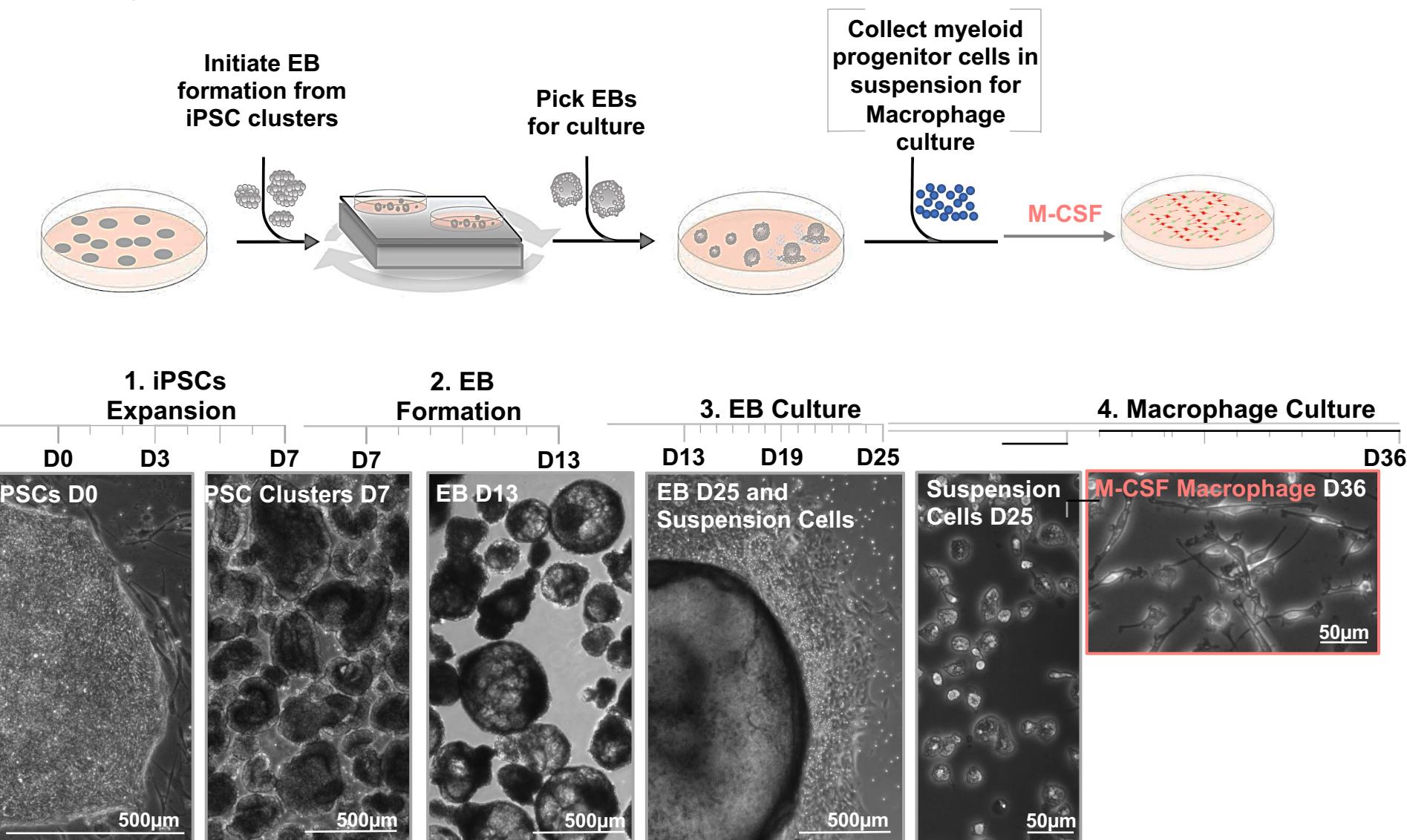


A Macrophage differentiation from hiPSCs

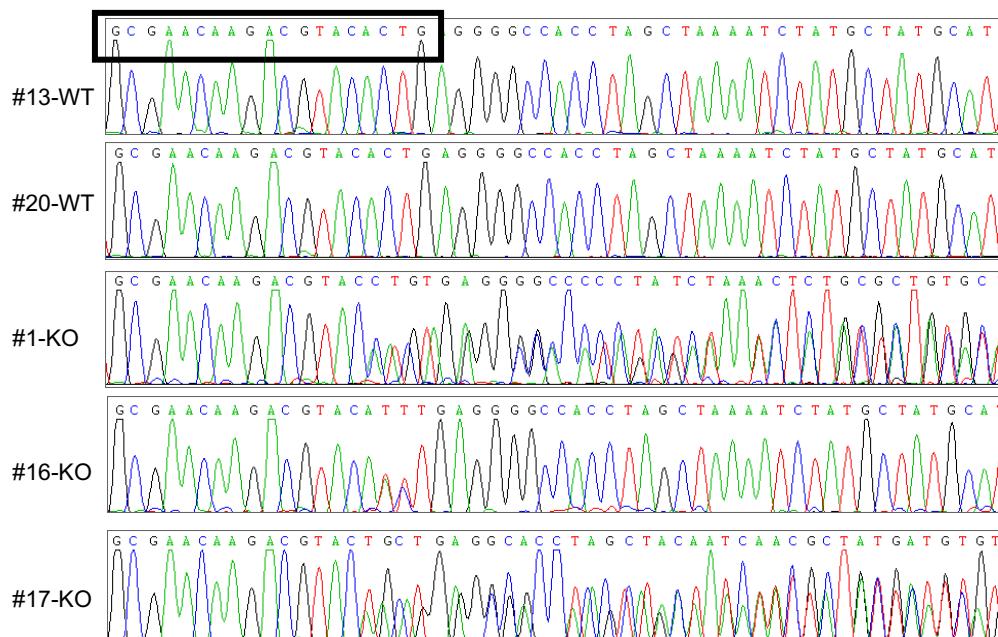


B

GNB4 KO in 731 iPCS

Gene KO	sgRNA target	PCR-F1	PCR-R1	PCR-F2 (used for seg)
GNB4	TGCGAACAAAG CGTACACTG	TGATCCCATAA CGGCTCTGT	TCCCTCTCTGAA CAGTTGTCCCT	TCCTCACTGTTCT AGTTCAAGT

sgRNA target



<p>#13-WT</p> <p>#20-WT</p> <p>#1-KO</p> <p>#16-KO</p> <p>#17-KO</p>	<p>(#13; 20) WT : GCGAACAAAGACGTACACTGAGGGGCCACCTAGCTAAAATCTATGCTATGCAT</p> <p>(#1) KO-allele1: GCGAACAAAGACGTAC-CTGAGGGGCCACCTAGCTAAAATCTATGCTATGCAT -allele2: GCGAACAAAGACGTACATCTGAGGGGCCACCTAGCTAAAATCTATGCTATGC</p> <p>(#16) KO-allele1: GCGAACAAAGACGTACATTGAGGGGCCACCTAGCTAAAATCTATGCTATGCA -allele2: GCGAACAAAGACGTACAACTGAGGGGCCACCTAGCTAAAATCTATGCTATGCA</p> <p>(#17) KO-allele1: GCGAACAAAGACGTAC--TGAGGGGCCACCTAGCTAAAATCTATGCTATGCAT -allele2: GCGAACAAAGACGTACAACTGAGGGGCCACCTAGCTAAAATCTATGCTATGC</p>	<p>Delete 1 bp</p> <p>Insert 1 bp</p> <p>Delete 1 bp</p> <p>Insert 1 bp</p> <p>Delete 2 bp</p> <p>Insert 1 bp</p>
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C

