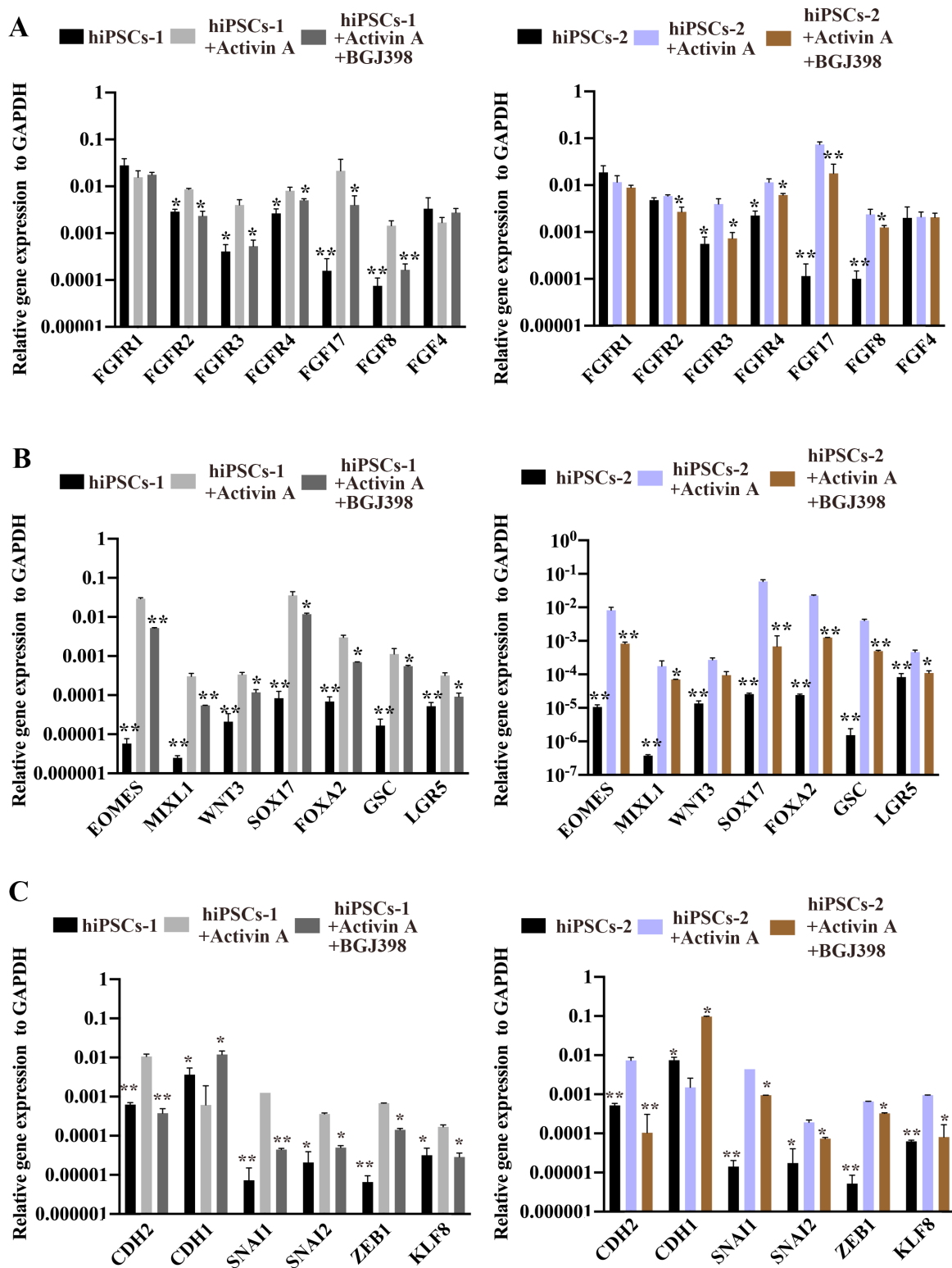


SUPPLEMENTARY MATERIAL

corresponding to:

**FGF signaling mediates definitive endoderm formation by
regulating epithelial-to-mesenchymal transition
and cell proliferation**

SHENGBIAO LI, QINGSONG HUANG, JIANWEN MAO and QIUHONG LI



Supplementary Fig. S1. The mRNA expression of FGF family members, EMT associated genes and DE markers are disturbed by BGJ398 in two hiPSCs models. (A, B, C) RT-qPCR analyses for the indicated genes expressed in Activin A-induced cells in the absence and presence of BGJ398 in hiPSC-1 and hiPSC-2 models. Data represent means \pm s.d. from three biological repeats. * $p < 0.05$; ** $p < 0.01$, compared to Activin A-induced cells in the absence of BGJ398.

SUPPLEMENTARY DATA 1: PRIMER SEQUENCES FOR RT-QPCR

Human Gene Name	Forward (5'to3')	Reverse (5'to3')
EOMES	CCGCCACCAAAGTGAATGATGA	ACATTTTGTTCCTGCATGT
MIXL1	CCGAGTCCAGGATCCAGGTA	CTCTGACGCCGAGACTTGG
WNT3	AGGGCACCTCCACCATTTG	GACACTAACACGCCGAAGTCA
SOX17	CGCACGGAATTTGAACAGTA	GGATCAGGGACCTGTCACAC
FOXA2	ACTACCCCGGCTACGGTTC	AGGCCCGTTTTGTTCTGTA
GSC	AACGCGGAGAAGTGAACAAG	CTGTCCGAGTCCAAATCGC
LGR5	CTCCAGGTCTGGTGTGTTG	GAGGTCTAGGTAGGAGGTGAAG
FGFR1	CCCCTAGCTCCATATTGGACA	TTTGCCATTTTTCAACCAGCG
FGFR2	GGTGGCTGAAAAACGGGAAG	AGATGGGACCACACTTTCCATA
FGFR3	CCCAAATGGGAGCTGTCTCG	CCCGTCTTTGTCAATGCC
FGFR4	CCATAGGGACCCCTCGAATAG	CAGCGGAACCTGACGGTGT
FGF17	CTGCTGATTCTCTGCTGTCAA	GTAGAGTTGGTACTCGCGGAT
FGF8	GACCCCTTCGCAAAGCTCAT	CCGTTGCTCTTGCCGATCA
FGF4	CTCGCCCTTCTCACCGATG	GTAGGACTCGTAGGCGTTGTA
CDH2	TGGGAATCCGACGAATGG	TGCAGATCGGACCGGATACT
CDH1	TGCCAGAAAATGAAAAAGG	GTGTATGTGGCAATGCGTTC
SNAI1	ACTGCAACAAGGAATACCTCAG	GCACTGGTACTTCTTGACATCTG
SNAI2	CATGCCCTGTACACCACAAC	GGTGTGAGATGGAGGAGGG
ZEB1	AGCAGTAAAAGAGAAGGAATGC	GGTCTCTTCAGGTGCCTCAG
KLF8	CCCAAGTGAACCAAGTTGACC	GACGTGGACACCACAAGGG
SOX2	CCCAGCAGACTTCACATGT	CCTCCATTTCCCTCGTTTT
PAX6	ATGTGTGAGTAAAATTCTGGGCA	GCTTACAACCTCTGGAGTCGCTA
NESTIN	CTGGAGCAGGAGAAACAGG	TGGGAGCAAAGATCCAAGAC
GAPDH	AGGGCTGCTTTAACTCTGGT	CCCCACTTGATTTGGAGGGA