Supplementary Materials: Genetic and Lineage Classification of Glioma-Initiating Cells Identifies a Clinically Relevant Glioblastoma Model

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Table S1. Background information on GICs.

Cell line name	Age	Gender	Pathology	Subtype of original tumor	Subtype of GICs
GICT14	62	F	GBM	Neural	Neural
GICT12	48	F	GBM	Neural	Neural
GICT46	75	M	GBM	Neural	Neural
GICT20	55	F	GBM	Neural	Neural
GICT24	58	M	GBM	Neural	Neural
GICT35	56	M	GBM	Neural	Neural
GICT11	51	F	GBM	Proneural	Proneural
GICT22	71	M	GBM	Proneural	Proneural
GICT14	42	M	GBM	Proneural	Proneural
GICT25	63	F	GBM	Proneural	Proneural
GICT18	59	F	GBM	Proneural	Proneural
GICT28	73	F	GBM	Proneural	Proneural
GICT15	64	M	GBM	Classical	Classical
GICT12	38	M	GBM	Classical	Classical
GICT32	66	M	GBM	Classical	Classical
GICT23	52	F	GBM	Classical	Classical
GICT40	69	F	GBM	Classical	Classical
GICT19	47	M	GBM	Classical	Classical
GICT17	68	M	GBM	Mesenchymal	Mesenchymal
GICT38	57	M	GBM	Mesenchymal	Mesenchymal
GICT29	42	F	GBM	Mesenchymal	Mesenchymal
GICT44	65	F	GBM	Mesenchymal	Mesenchymal
GICT22	58	M	GBM	Mesenchymal	Mesenchymal
GICT16	67	M	GBM	Mesenchymal	Mesenchymal
GICT21	55	F	GBM	Mesenchymal	Mesenchymal

Table S2. Summary of GIC subtypes differentiation potential in vitro. GIC subtypes cultured under differentiation condition (1% FBS + 1 uM RA) exhibited differential potential of differentiation into neural lineage.

	Lineage markers	Neural (*n* = 6)	Proneural (*n* = 6)	Classical (*n* = 6)	Mesenchymal (*n* = 7)
Neural Lineage	Astrocytic (GFAP, S100β)	5/6	6/6	6/6	2/7
	Neuronal (TuJ1)	6/6	6/6	5/6	0/7
	Oligodendrocytic (CNPase, O4)	1/6	6/6	4/6	0/7