



	DDC <sup>+</sup> / DIV18 (%) <sup>*</sup>	DDC <sup>+</sup> / DIV0 (%) <sup>**</sup>
5F-Mash1	0	0
5F-Sox2	17.65±4.07	4.08±1.88
5F-Ngn2	8.82±2.55	0.28±0.17
5F-Nurr1	33.14±5.18	1.07±0.34
5F-Pitx3	46.46±4.19	1.48±0.31
5F	41.61±3.06	1.43±0.21

Note: \*: The percent of DDC positive cells on DIV18; \*\*: The amount of DDC positive cells on DIV18 / the amount of cells on DIV0.

Figure S2. Top panel: Requirement for individual transcription factors in reprogramming of IMR90 cells into DA neuron-like cells. Size bars represent 200  $\mu$ m. Lower panel: fraction of cells that stained positive for DDC at day 18 post gene transduction. Relative fraction compared to day 0 cell number is also shown.