Supplementary Table S4. Molecular Profiling for the Non-Neural and Non-Midbrain Markers in the 5-Stage Dopaminergic Differentiation Experiments with Positive (+) and Negative (−) Outcome Regarding the Th Expression in Stage V

		Non-neural markers			*Non-midbrain markers*			
	ΔCt	*Brachyury*	*Gata4*	*Afp*	*Foxg1*	*Irx5*	*Hoxb1*	*Hoxb9*
Stage I	(+)	>14	>14	>14	>14	>14	>14	>14
	(−)	>14	>14	>14	>14	>14	>14	>14
Stage II	(+)	13.5±0.5	>14	13.6±0.4	>14	>14	>14	>14
	(−)	12.3±0.2	13.1±0.6	12.9±0.1	>14	13.5±0.5	>14	>14
Stage III	(+)	6.8±1.2	12.4±1.6	11.0±2.5	6.0±0.5	12.0±0.2	>14	>14
	(−)	5.1±0.4	9.9±0.9	11.1±1.9	6.2±0.4	11.3±0.4	>14	>14
Stage IV	(+)	8.8±0.5	13.5±0.5	13.4±0.6	5.5±0.4	9.5±0.5	>14	>14
	(−)	6.0±1.1	9.4±1.7	12.0±1.1	5.5±0.3	9.8±0.3	>14	>14
Stage V	(+)	12.9±1.1	>14	>14	5.1±0.4	6.6±0.2	>14	10.8±0.3
	(−)	8.7±2.0	9.1±2.6	12.3±0.9	5.3±0.4	6.4±0.3	>14	11.2±0.3

The non-neural markers include the mesodermal and endodermal markers *Brachyury*, *Gata4*, and *Afp*. The non-midbrain markers include the forebrain marker *Foxg1*, the diencephalic marker *Irx5*, the hindbrain marker *Hoxb1*, and the spinal cord marker *Hoxb9*. Data represent ΔCt values for 3 (+) and 3 (−) experiments and are presented as mean±SEM, ΔCt>14 was considered as not detected.