



SUPPLEMENTARY FIG. S5. Two-dimensional differentiation of motoneuron-like cells with glial subtypes for co-culture with human myoblasts. Fluorescence images of hiNSCs grown on poly-D-Lysine after 14 days of differentiation. Cells are stained for NCAM, MBP and S100B, and DAPI nuclear stain. The $10\times$ IF image of a neurosphere cluster of outgrowing cells staining for NCAM and S100B (**A**) and NCAM and MBP (**B**). Microscopic field is $\sim 0.7\text{ mm}^2$ in area. Scale bars $100\text{ }\mu\text{m}$. MBP, myelin basic protein.