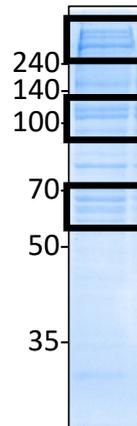
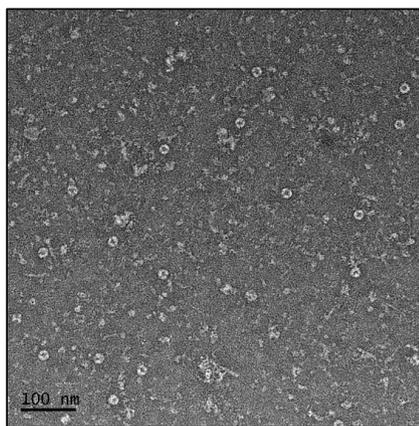




hESC

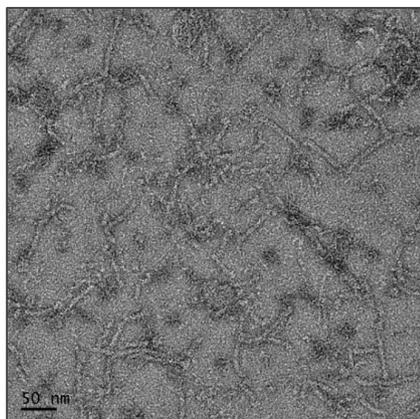


Gene	Mw (kDa)
FASN	273.25
CAD	242.83
HUWE1	481.59
MYH9	226.39
DYNC1H1	532.07

Gene	Mw (kDa)
VCP	89.27
HSPA4	94.27
PSMD2	100.14
PSMD1	105.77
HSP90B1	92.41

Gene	Mw (kDa)
CCT8	59.58
TCP1	60.31
HSPD1	61.02
CCT2	57.45
CCT7	59.33

Cyanobacteria



Gene	Mw (kDa)
cpcB	18.12
ilvH	18.86
rplE	20.22
hofG	17.56
slI1061	19.85

Supplementary Fig. S1. Mass spectrometry identification of proteins in hESCs and cyanobacteria.