Figure 3 a. DAPI OCT4 Gag/Cap **MERGE** Human blastocyst b. C. vesicle Human blastocyst Human blastocyst 100 nm Cytoplasm d. e. Gag/Cap Human blastocyst Human blastocyst Blastocoel f. in vitro maturation? primed hESC naive hESC EGA implantation epiblast primitive endoderm post-implantation blastocyst oocyte zygote 2 cell 4 cell 8 cell morula blastocyst trophectoderm **DNA** methylation nuclear OCT4 HERV-K expression