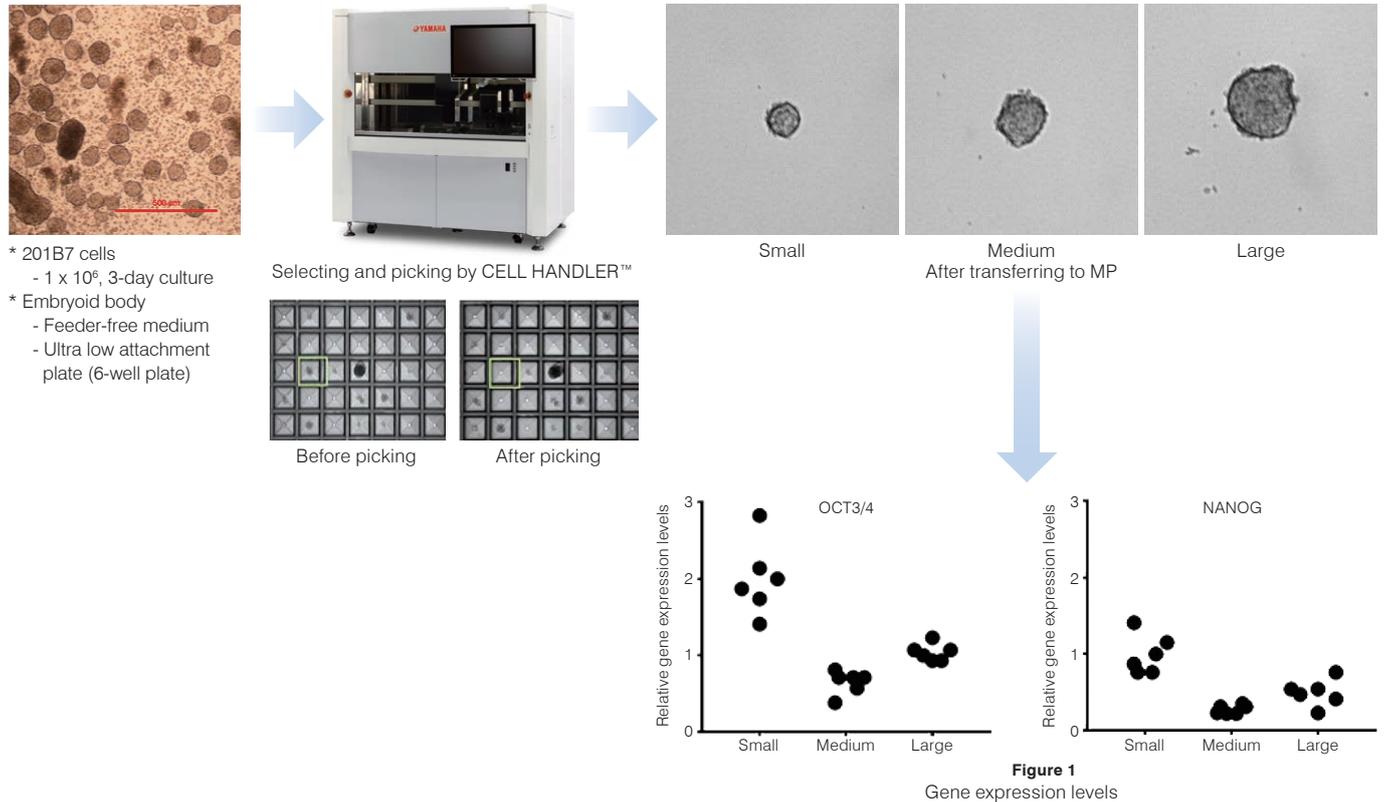


■ Differentiation analysis of iPSC

Embryoid body (EB) spheroids derived from 201B7 cells were selected and grouped by size (area). Expression levels of several differentiation markers were measured (Fig. 1). Our result showed that small-sized EB spheroids tended to remain undifferentiated.

* Data from iPS Portal



■ iPS-derived cardiomyocytes

CELL HANDLER™ can accurately pick up spheroids of different sizes and shapes. In this example (Fig. 2), cardiomyocyte spheroids with varying characteristics were intentionally picked (Fig. 3). After 3-day incubation, the spheroids were found to rhythmically contract, resembling functional cardiac muscle.



* Provided by Dr. Shimizu (Professor of Tokyo Women's Medical Univ., ABMES)

