

**METHOD FOR ANALYSING PLURIPOTENT STEM CELL BIOMARKERS,
AND IMPLEMENTATIONS THEREOF**

ABSTRACT

5 The present disclosure discloses an *in-vitro* method for detecting presence of
metabolically altered cells. Also, an *in-vitro* method for detecting presence of quiescent
cells has been disclosed. The present disclosure discloses an *in-vitro* method for
detecting and predicting presence of cancer. The present disclosure discloses an *in-*
vitro method for monitoring response to anti-cancer therapy. The present disclosure
10 analyses expression of at least one biomarker of pluripotent stem cell for detecting or
predicting or monitoring cancer. A related use of the at least one biomarker of
pluripotent stem cell marker along with a method of treatment comprising the *in-vitro*
method of detection or prediction has been disclosed herewith.

[No suitable figure]