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(71) Applicant: **AGENCY FOR SCIENCE, TECHNOLOGY AND RESEARCH** [SG/SG]; 1 Fusionopolis Way, #20-10 Connexis, Singapore 138632 (SG).

(72) Inventors: **ANG, Lay Teng**; Genome Institute of Singapore, 60 Biopolis Street Genome Building, Singapore 138672 (SG). **LOH, Kyle M.**; Genome Institute of Singapore, 60 Biopolis Street Genome Building, Singapore 138672 (SG). **LIM, Bing**; Genome Institute of Singapore, 60 Biopolis Street Genome Building, Singapore 138672 (SG).

(74) Agent: **SPRUSON & FERGUSON (ASIA) PTE LTD**; P.O. Box 1531, Robinson Road Post Office, Singapore 903031 (SG).

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(54) Title: METHODS OF DIFFERENTIATING STEM CELLS INTO ONE OR MORE CELL LINEAGES

(57) Abstract: The present disclosure provides an understanding of the regulation of the developmental phases of stem cells and their induction into relevant cell lineages, such as primitive streak, endoderm, mesoderm, or subterrotories of endoderm's. In particular, the present disclosure provides methods, culture medium and kits for the maintenance and differentiation of stem cells into relevant cell lineages.