**Y chromosome genes may play roles in directed differentiation of human embryonic stem cells.**

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Original Images of western blots and other electrophoretic results

Fig 2. A) Gel electrophoresis by PCR product. *HSFY1, RBMY1A1, RPS4Y1* and *SRY* over-expressing Cell lines.

*Fig 2. D*) Beta Actin

*Fig 2 D*) SRY Protein (25 KD)
Fig. 2 D) SRY (Left/25KD), HSFY1 (Right/43KD)

Fig. 2 D) RBMY1 (Left/55KD), HSFY1 (Right/43KD)
Fig. 2 D) RBMY1(55KD)

Fig. 3 E) RPS4Y1(29 KD)