



















































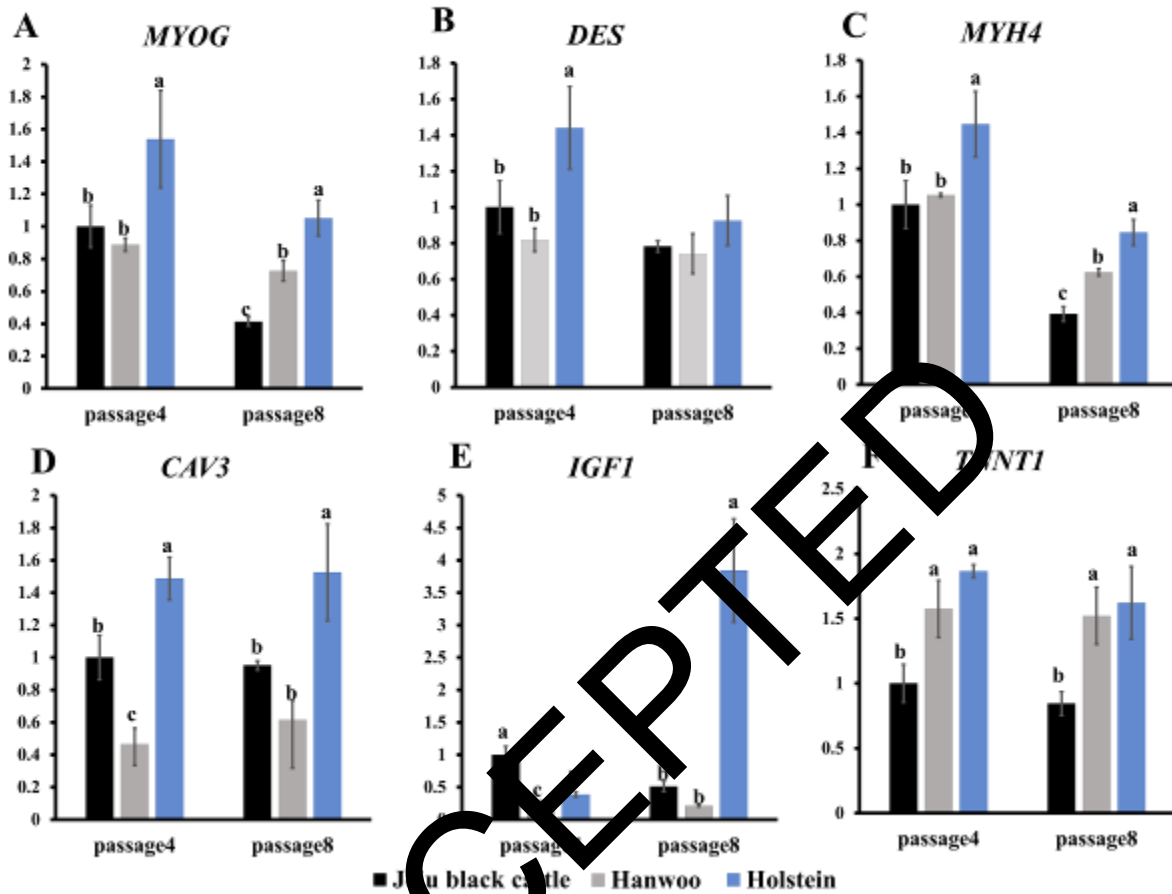








### Myogenic related mRNA expression



473

474 Figure 8. myogenic and Muscle Specific mRNA Expression Profile of Satellite Cell from Three Breeds of Cattle. the

475 expression levels of genes specific for myogenic differentiation were determined by using GAPDH as a

476 housekeeping gene at passage 4 and 8 for each breed. (A) Relative mRNA levels of *MYOG*. (B) *DES*. (C) *MYH4*.477 (D) *CAV3*. (E) *IGF1*. (F) *TNNI1*. Data are expressed as mean  $\pm$  SEM (n = 3) with differing letters differ478 significantly ( $p < 0.05$ ).

479