Mouse MSCs were cultured in the absence or presence of IFN-\(\gamma\) (100 IU/ml) or IFN-\(\beta\) (100 IU/ml) for 72 hours. 

A: Expression of full and partial IDO1 in mouse MSCs at passages 5, 11, 21 and 51. 

B: Expression of full and partial IDO2 in mouse MSCs at passages 5, 11, 21 and 51. 

C: IFN-\(\beta\) effect on IDO expression in mouse MSC cultures at passages 5, 10, 20 and 46. The ratios gene/\(\beta\)-actin were multiplied by 10,000 for clarity purposes in A. and B. Data are mean ± standard error (SEM). *p<0.05, **p<0.01, ***p<0.001 when compared with control (without cytokine treatment). Differences between experimental groups were analyzed by one-way ANOVA with post-hoc Tukey’s Multiple Comparison tests.

Abbreviations: IFN-\(\gamma\), interferon-\(\gamma\); IFN-\(\beta\), interferon-\(\beta\); MSCs, mesenchymal stem cells; IDO1 and IDO2, indoleamine 2,3-dioxygenase 1 and 2.