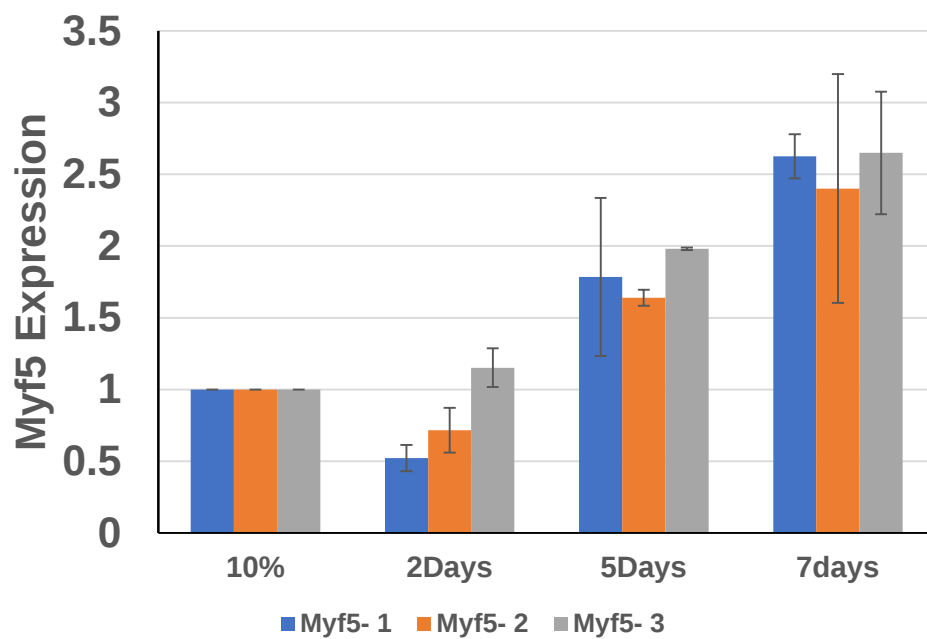
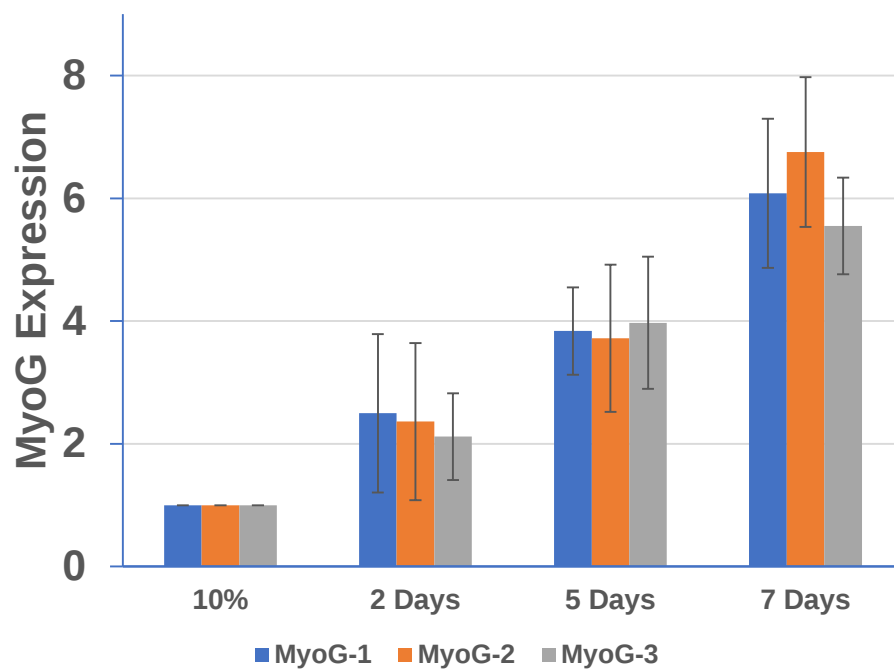


a



b



Primer Details:**Myf5 (Myf5-1, Myf5-2 and Myf5-3)****Myf5-1**

- 1)Parameter Set: qPCR Intercalating Dyes (Primers only)
- 2)Sequence Name: Sequence 1
- 3)Amplicon Length: 105

	Start	Stop	Length	Tm	GC %
CCTCCAGCTCCAGACTTATCTA(Forward)	937	959	22	62	50
CTTCAGCTTCAGGGCTTCTT(Reverse)	1021	1041	20	62	50

Myf5-2

- 1)Parameter Set: qPCR Intercalating Dyes (Primers only)
- 2)Sequence Name: Sequence 1
- 3)Amplicon Length: 109

	Start	Stop	Length	Tm	GC %
GGGAACAGGTGGAGAACTATTAC(Forward)	619	642	23	62	47.8
CAGACAGGGCTGTTACATTCA (Reverse)	707	728	21	62	47.6

Myf5-3

- 1)Parameter Set: qPCR Intercalating Dyes (Primers only)
- 2)Sequence Name: Sequence 1
- 3)Amplicon Length: 113

	Start	Stop	Length	Tm	GC %
AGACAAGCTGGGCAGAATAC (Forward)	1045	1065	20	62	50
CAGGCAGAGGAGAATCCATTATT(Reverse)	1135	1158	23	62	43.5

MyoG (MyoG-1, MyoG-2 and MyoG-3)

MyoG-1

- 1)Parameter Set: qPCR Intercalating Dyes (Primers only)
- 2)Sequence Name: Sequence 1
- 3)Amplicon Length: 102

	Start	Stop	Length	Tm	GC %
AGAGAAAGATGGAGTCCAGAGA(Forward)	950	972	22	62	45.5
GGGTGGAATTCGAGGCATATTA(Reverse)	1030	1052	22	62	45.5

MyoG-2

- 1)Parameter Set: qPCR Intercalating Dyes (Primers only)
- 2)Sequence Name: Sequence 1
- 3)Amplicon Length: 104

	Start	Stop	Length	Tm	GC %
GTGGGCATGTAAGGTGTGTAA(Forward)	253	274	21	62	47.6
CGAAGGCCTCATTCACTTTCT (Reverse)	336	357	21	62	47.6

MyoG-3

- 1)Parameter Set: qPCR Intercalating Dyes (Primers only)
- 2)Sequence Name: Sequence 1
- 3)Amplicon Length: 93

	Start	Stop	Length	Tm	GC %
CCACAATCTGCACTCCCTTAC (Forward)	637	658	21	63	52.4
TCTCAGTTGGGCATGGTTTC (Reverse)	710	730	20	62	50

Expression levels of Myf5 gene measured by using three different primers Myf5-1, Myf5-2 and Myf5-3. Expression level of MyoG measured by using three different primers MyoG-1, MyoG-2 and MyoG-3.