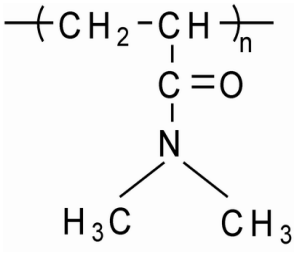
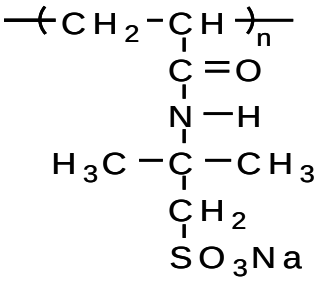
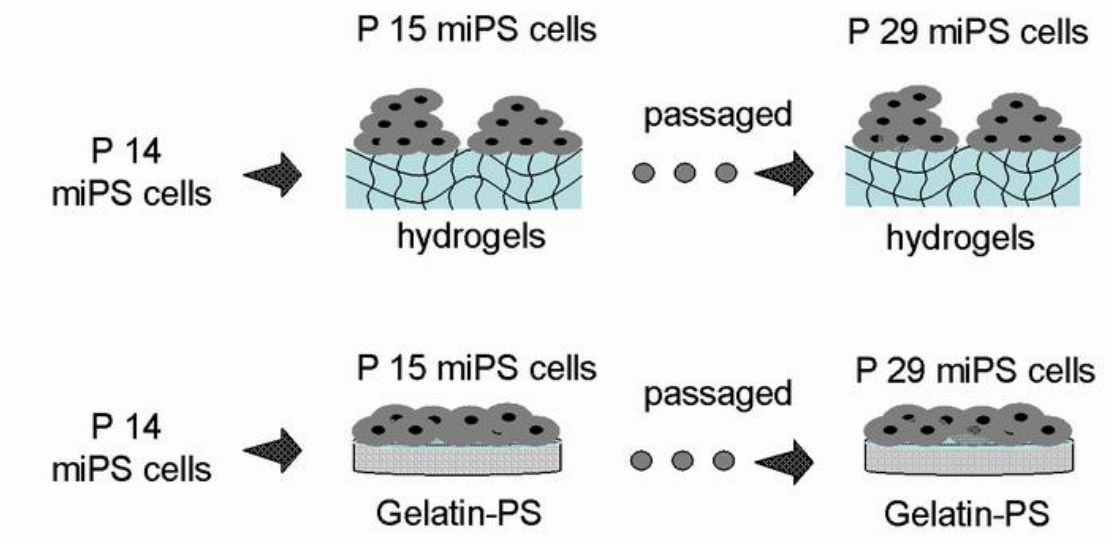


PDMAAm



PNaAMPS

Scheme 1 Yang et al.



Scheme 2 Yang et al.

Gene	*Forward*	*Reverse*
GAPDH	TGTGTCCGTCGTGGATCTGA	TTGCTGTTGAAGTCGCAGGAG
undifferentiated:		
Dppa5a	TCGGGCTAAATGGATGCTTCA	ACAAGGACTGGAAACTGGCTTCAC
Nanog	GAATTCTGGGAACGCCTCATC	CCTTGTCAGCCTCAGGACTTG
Oct-4	GGACATGAAAGCCCTGCAGAA	GACAGATGGTGGTCTGGCTGAA
Sox2	AACCGATGCACCGCTACGA	TGCTGCGAGTAGGACATGCTG
Ectoderm:		
Nes	GGGCCAGCACTCTTAGCTTTGATA	TGAGCCTTCAGGGTGATCCAG
Trp 63	CAGCAGTCAAGCACTGCCAAG	AGACAGGCATGGCACGGATAA
Otx2	CCCGGTACCCAGACATCTTCA	TTGGCAGGCCTCACTTTGTTC
Mesoderm:		
Mdfic	TCCACCAGGTATCAGGATTCCAA	TCCACATGAGCTGACTCCATCAC
E-cadherin	TTCAACGCTACCAAGCAAACTGAC	GCAGGCATGATGGATGAGTTACA
Endoderm:		
AFP	AATGGTCCGGCTGTGGTGA	CAGCAGTGGCTGATACCAGAGTTC
Ttr	AACTGGACACCAAATCGTACTGGAA	GCTGTAGGAGTATGGGCTGAGCA
Alb	AGGCTACAGCGGAGCAACTGA	TTTGCATCTAGTGACAAGGTTTGGA

GAPDH, glyceraldehyde-3-phosphate dehydrogenase.

Table 1 Yang et al.

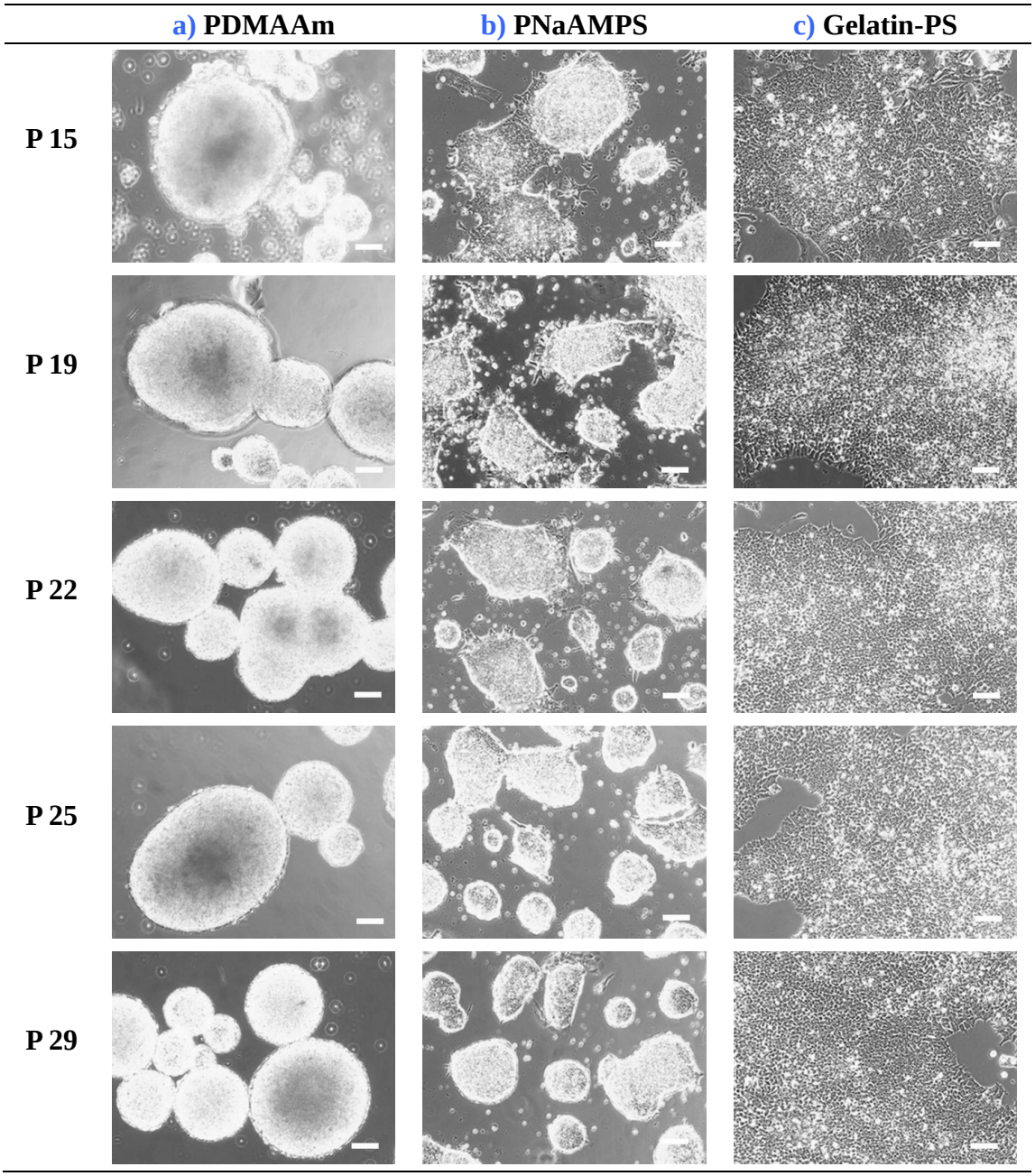


Fig. 1 Yang et al

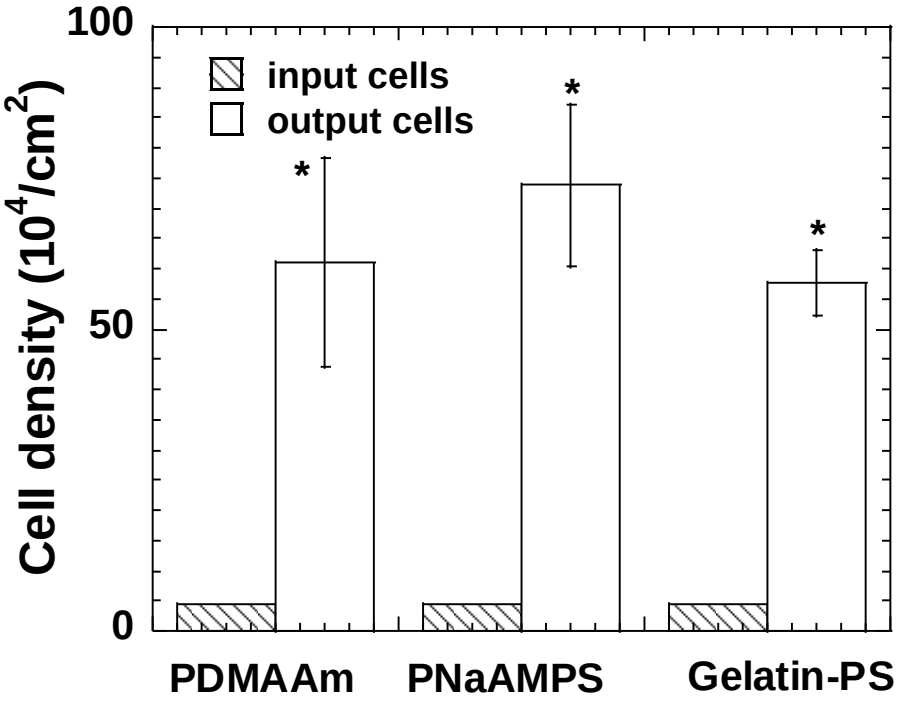


Fig. 2 Yang et al.

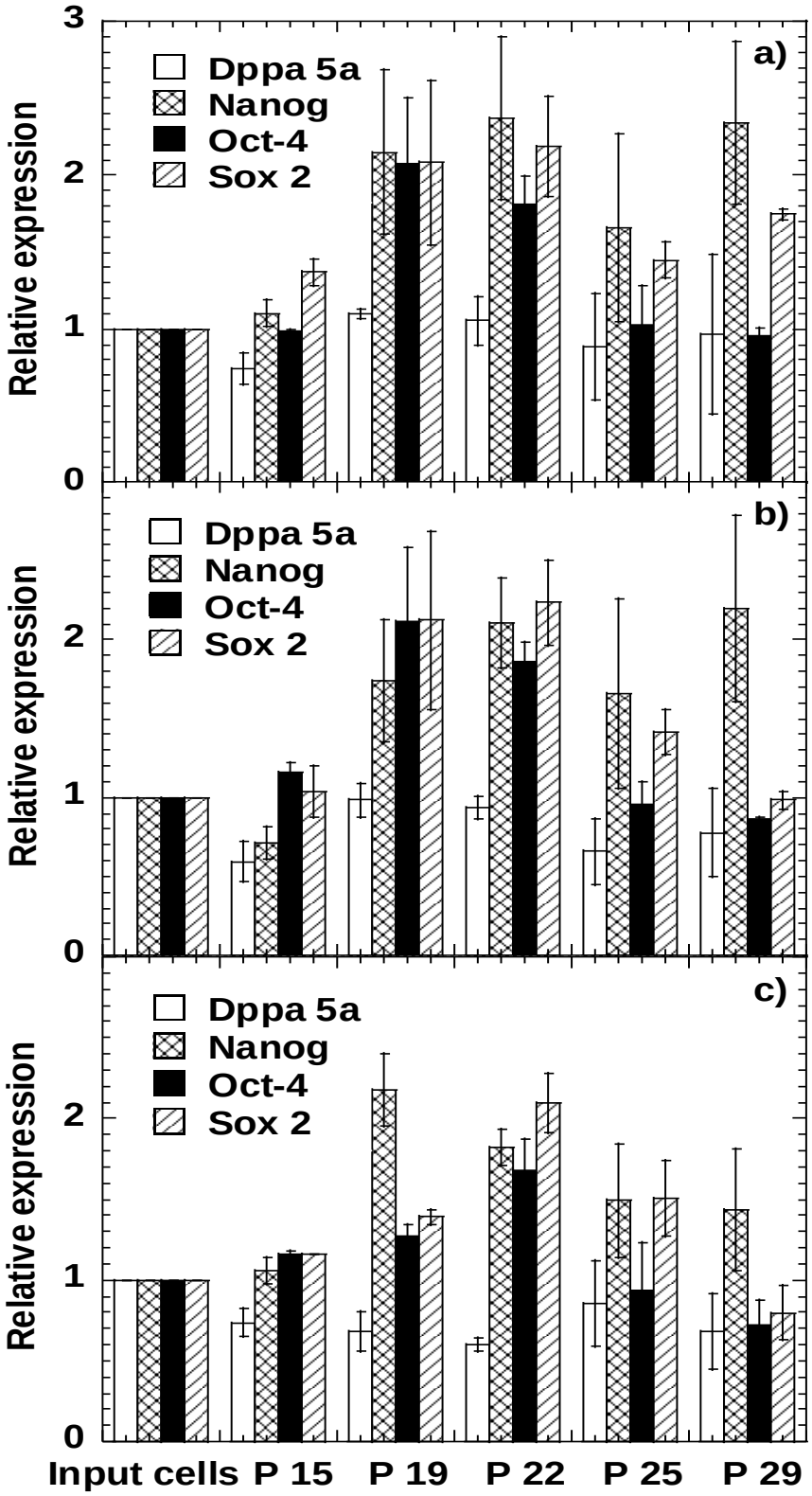
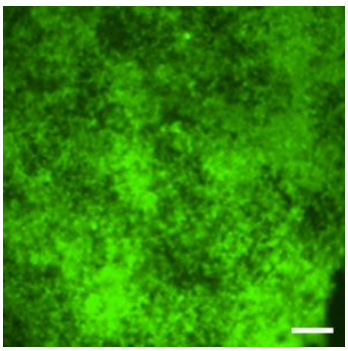
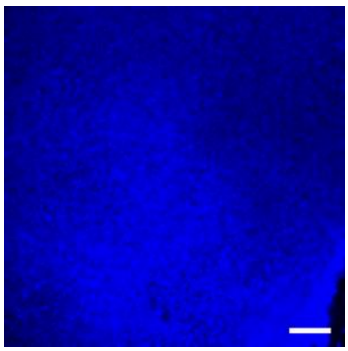
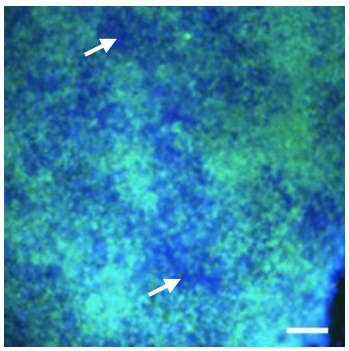
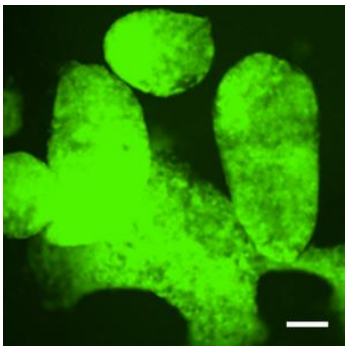
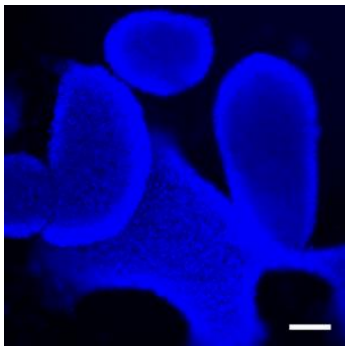
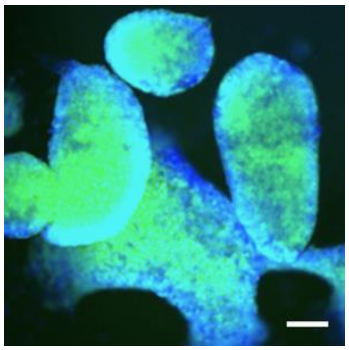
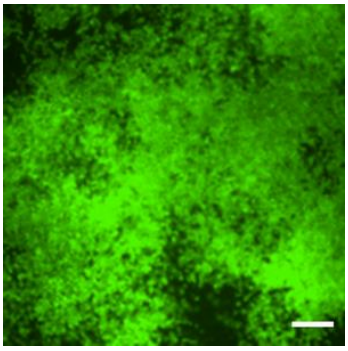
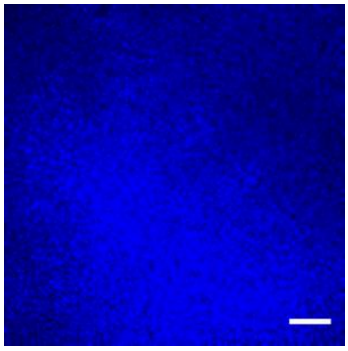
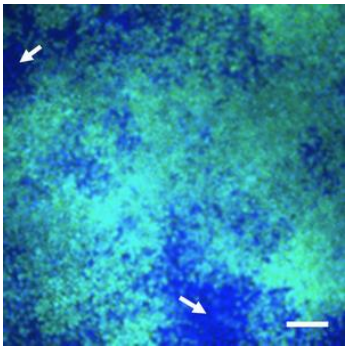
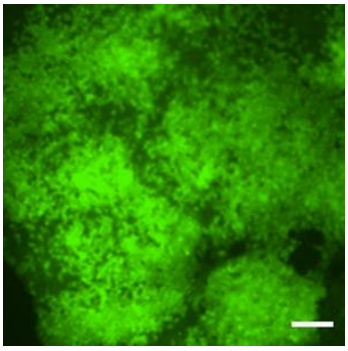
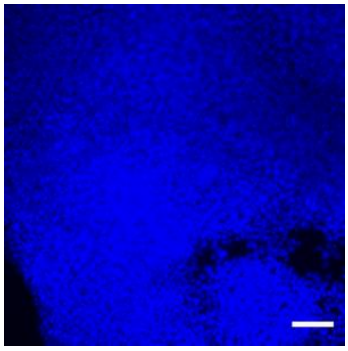
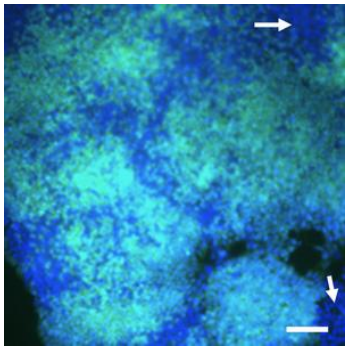


Fig. 3 Yang et al.

SSEA-1	nuclei	merged
PDMAAm		
		
PNaAMPS		
		
Gelatin-PS		
		

a)

Oct-4	nuclei	merged
PDMAAm		
		
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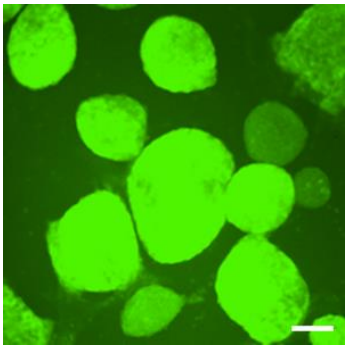	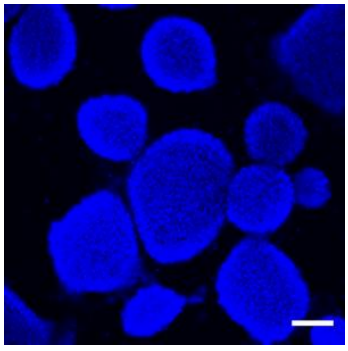	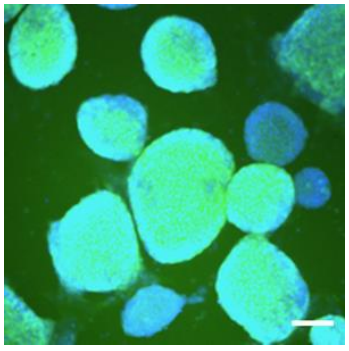
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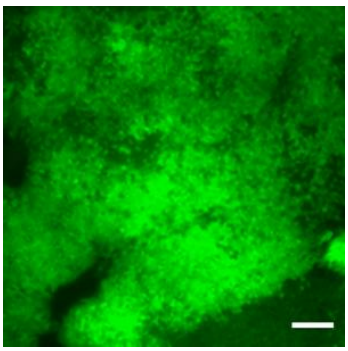
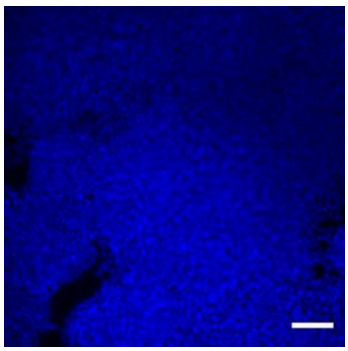
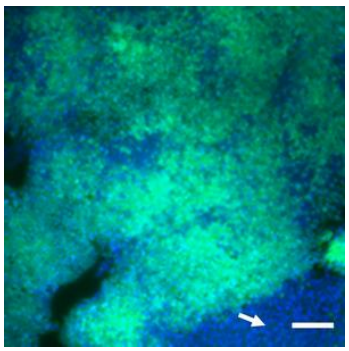
		

b)

Fig. 4 Yang et al.

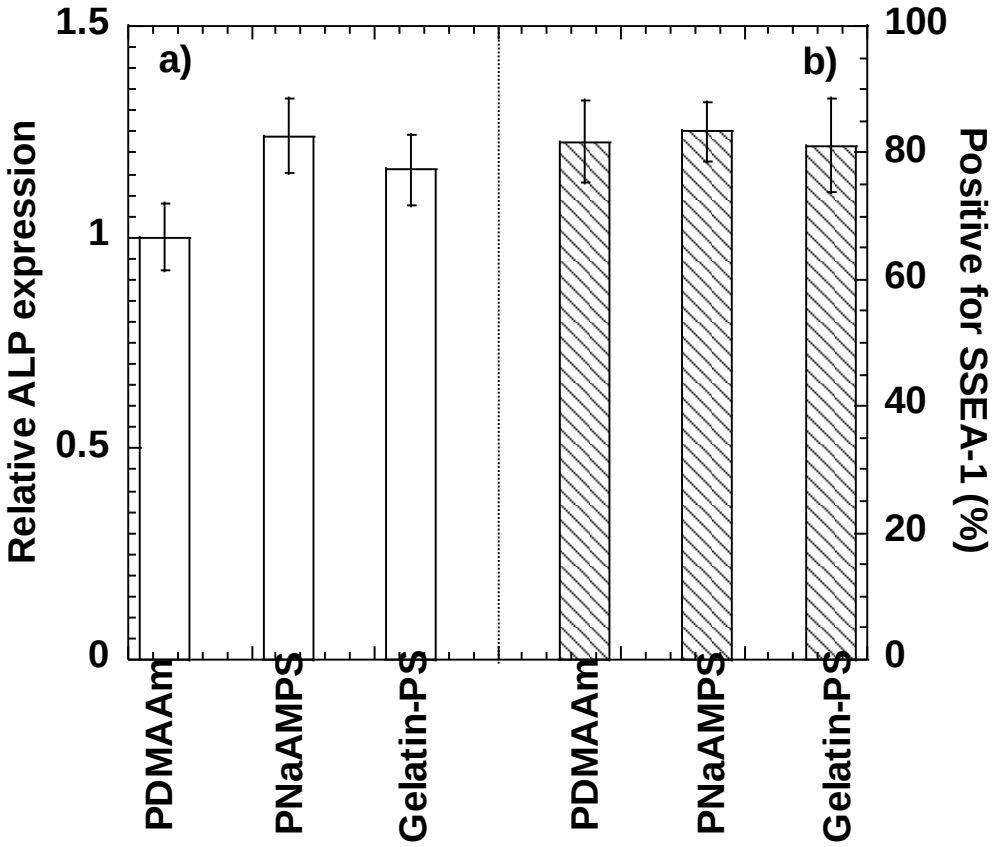


Fig. 5 Yang et al.

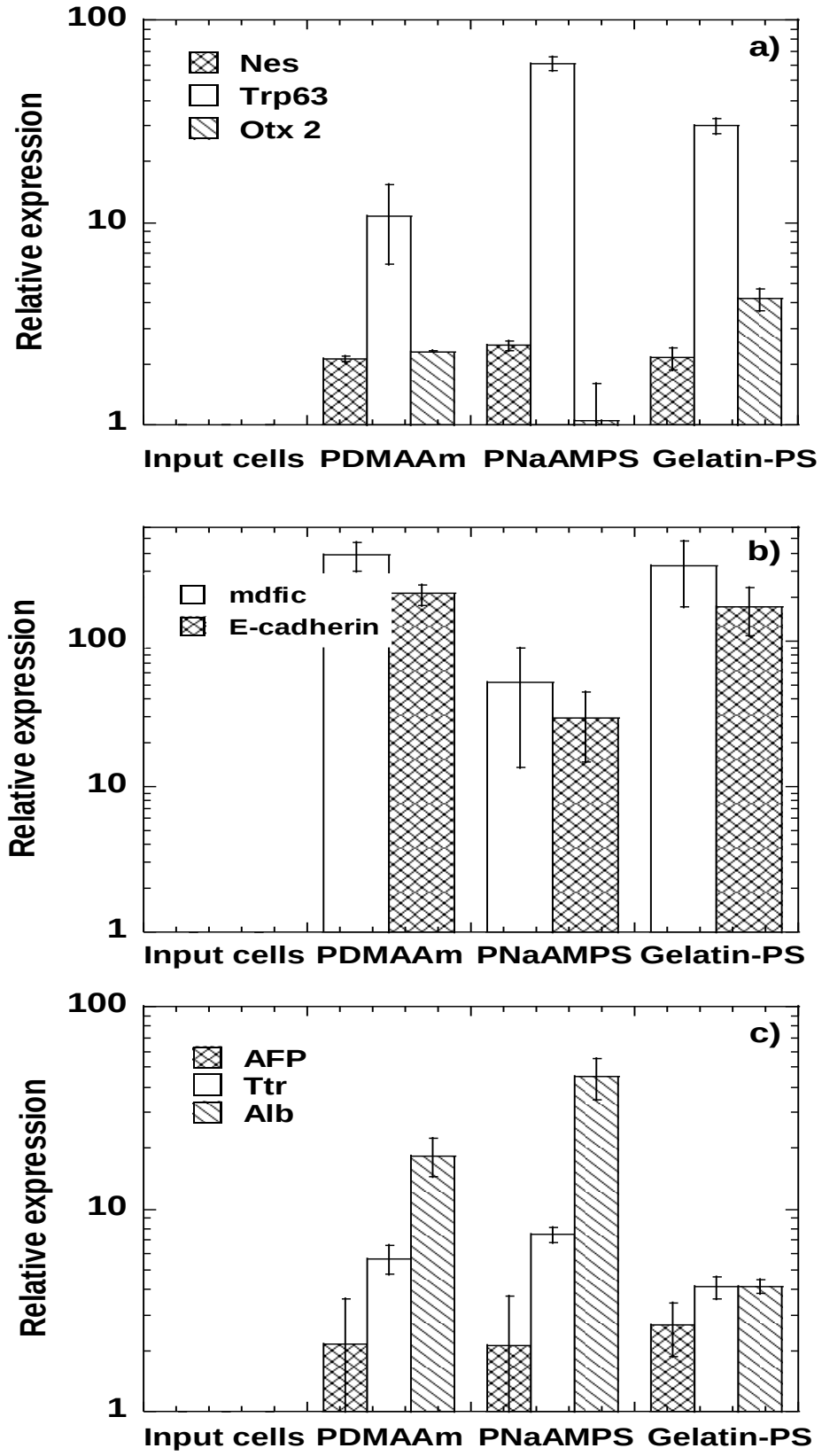
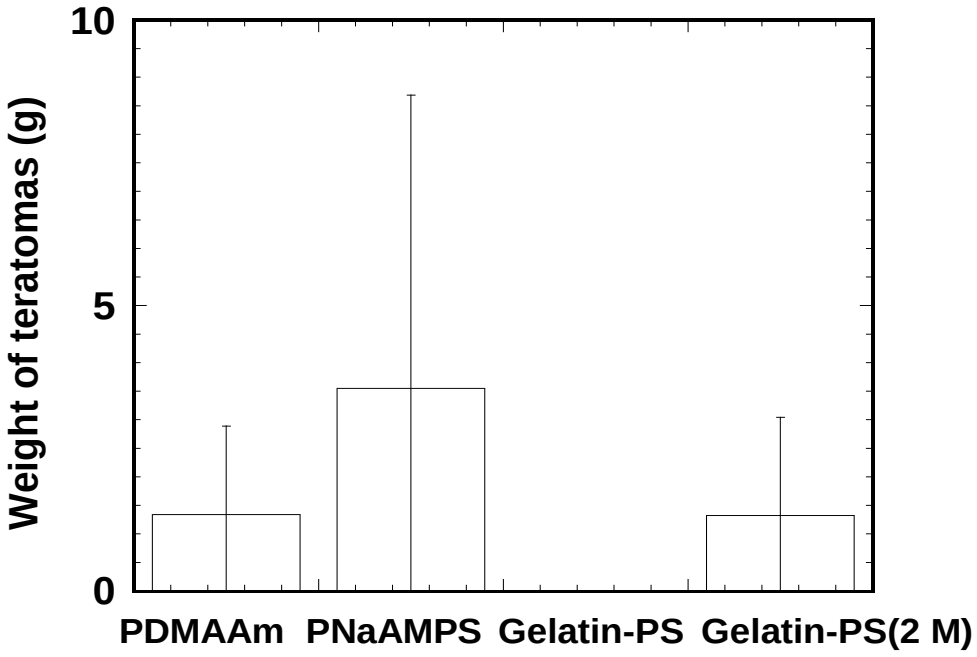


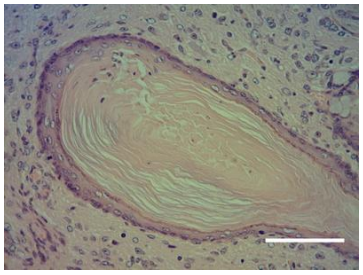
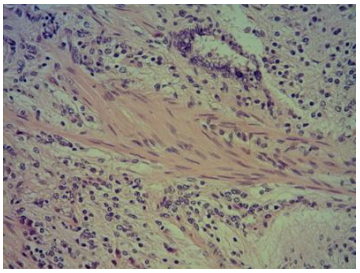
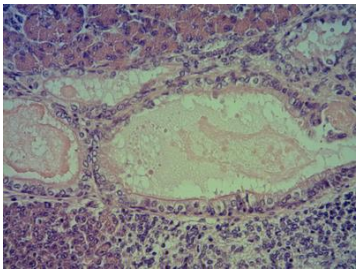
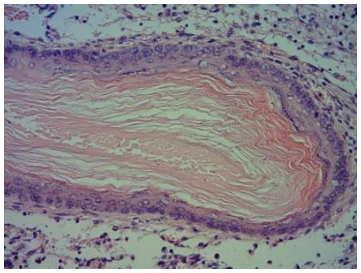
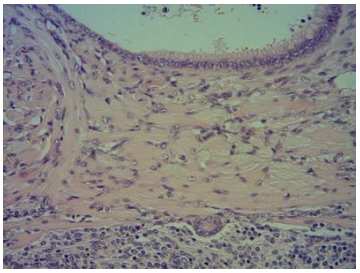
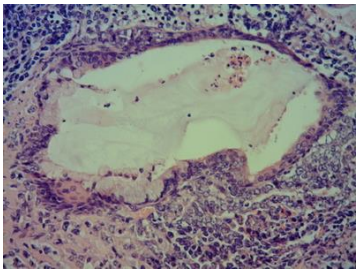
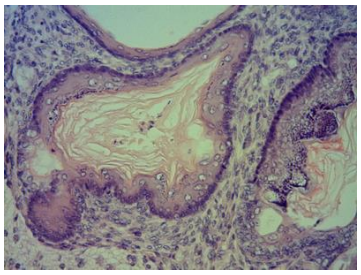
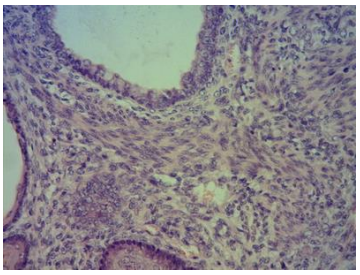
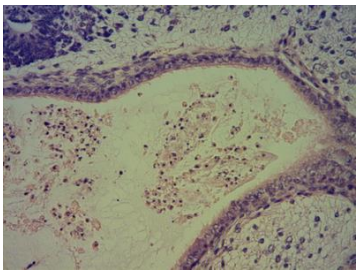
Fig. 6 Yang et al.

PDMAAm (1M)	PNaAMPS (1 M)	Gelatin-PS (2 M)
		

a)



b)

Epidermis	Muscle	Epithelium
PDMAAm (1 M)		
		
PNaAMPS (1 M)		
		
Gelatin-PS (2 M)		
		

c)

Fig. 7 Yang et al.