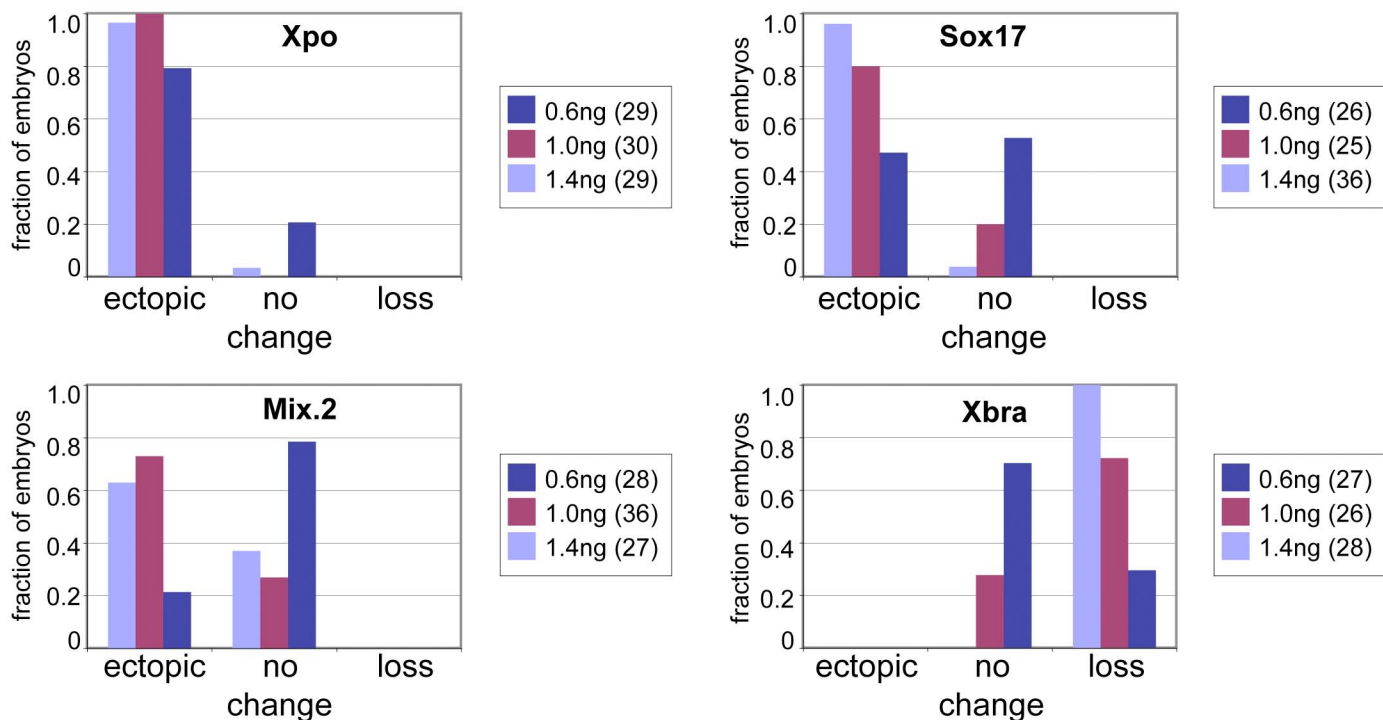


A Gene expression changes in embryos resulting from Gem over-expression or MO knockdown

Sample	Marker	Loss of expression		No Change		Increased and/or ectopic expression		# of embryos
		#	%	#	%	#	%	
xGem	Xpo	41	98	1	2	0	0	42
GemMO	Xpo	0	0	6	13	40	87	46
xGem	Mix.2	38	90	4	10	0	0	42
GemMO	Mix.2	1	5	5	25	14	70	20
xGem	Brachyury	45	85	8	15	0	0	53
GemMO	Brachyury	38	88	5	12	0	0	43
xGem	Endodermin	36	86	6	14	0	0	42
GemMO	Endodermin	7	14	7	14	36	72	50
xGem	Sox17	29	81	7	19	0	0	36
GemMO	Sox17	0	0	8	23	27	77	35
xGem	xHex	21	100	0	0	0	0	21

B Gene expression changes in embryos resulting from Gem MO knockdown, dose curve



C Gene expression changes in embryos resulting from Gem MO knockdown, time course

