

cell type	population (model)
Epiblast (pre-gastrulation)	P0
Epiblast (early gastrulation)	P1
Mesendoderm progenitor	P5
Neural progenitor	P2
CNS forebrain neural progenitor	P3
CNS hindbrain neural progenitor	P4
Intermediate mesoderm progenitor	P6
Mesonephric progenitor	P7
Metanephric progenitor	P8
Lateral mesoderm progenitor	P9
Hindlimb progenitor	P10
Forelimb progenitor	P13
Hindlimb progenitor (left)	P11
Hindlimb progenitor (right)	P12
Forelimb progenitor (left)	P14
Forelimb progenitor (right)	P15
blood	P16
L brain I	P17
R brain I	P18
L brain III	P19
R brain III	P20
L gonad	P21
R gonad	P22
L kidney	P23
R kidney	P24
L foot	P25
L leg	P26
R foot	P27
R leg	P28
L hand	P29
L arm	P30
R hand	P31
R arm	P32

variable parameters:		mean	sd
p1	min time split P0 -> P1 and P16	139.9	1.9
p2	min time split P1 -> P2 and P5	28.6	1.4
p3	min time split P2 -> P3 and P4	1.1	0.9
p4	min time split P3 -> P17 and P18	5.8	3.7
p5	min time split P4 -> P19 and P20	5.3	5.1
p6	min time split P5 -> P6 and P9	21.4	1.0
p7	min time split P6 -> P7 and P8	0.5	0.4
p8	min time split P7 -> P21 and P22	2.9	1.3
p9	min time split P8 -> P23 and P24	2.4	1.7
p10	min time split P9 -> P10 and P13	1.4	0.6
p11	min time split P10 -> P11 and P12	7.5	2.2
p12	min time split P11 -> P25 and P26	20.5	4.0
p13	min time split P12 -> P27 and P28	25.1	4.2
p14	min time split P13 -> P14 and P15	2.1	0.4
p15	min time split P14 -> P29 and P30	34.5	8.6
p16	min time split P15 -> P31 and P32	7.5	3.4
p17	proportion differentiate P0 -> P1	17.3	1.5
p18	proportion differentiate P1 -> P2	75.1	2.2
p19	proportion differentiate P2 -> P3	29.6	3.2
p20	proportion differentiate P3 -> P17	53.8	4.9
p21	proportion differentiate P4 -> P19	59.9	15.3
p22	proportion differentiate P5 -> P6	30.7	1.4
p23	proportion differentiate P6 -> P7	37.7	1.9
p24	proportion differentiate P7 -> P21	51.3	6.4
p25	proportion differentiate P8 -> P23	48.5	4.6
p26	proportion differentiate P9 -> P10	59.0	5.4
p27	proportion differentiate P10 -> P11	41.3	5.1
p28	proportion differentiate P11 -> P25	47.5	4.5
p29	proportion differentiate P12 -> P27	77.6	6.3
p30	proportion differentiate P13 -> P14	44.4	1.7
p31	proportion differentiate P14 -> P29	47.9	9.2
p32	proportion differentiate P15 -> P31	38.5	1.6
p33	differentiation rate	5.5	0.7
fixed parameters:			
p34 = 20 hours	division time of first two divisions		
p35 = 12 hours	average division time (all except blood progenitors)		
p36 = 2.54	std division time (all except blood progenitors)		
p37 = 1.3	factor for blood progenitor division time		
p38 = 4	number of LoxCode recombinations		