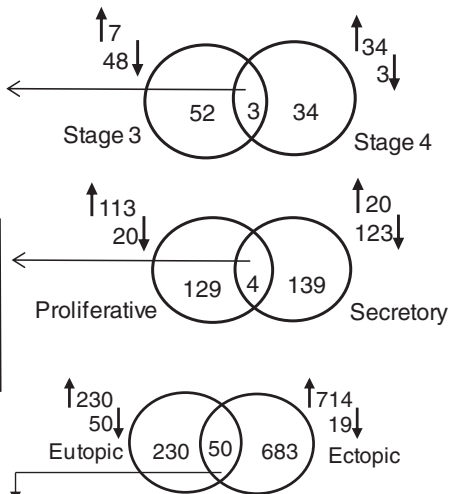


(A)

## Eutopic-to-ectopic

Gene Symbol	Fold Change	
	Stage 3	Stage 4
LAMC2	4.3	3.5
RASEF	3.7	6.9
TACSTD2	3.1	3.1

Gene Symbol	Fold Change	
	Proliferative	Secretory
EGR3	3.7	-3.4
ERBB3	3.2	3.7
LAMC2	3.4	5.7
MATN4	3.1	5.1



(B)

## Clinical stages 3-to-4

Gene Symbol	Fold Change		Gene Symbol	Fold Change		Gene Symbol	Fold Change	
	Eutopic	Ectopic		Eutopic	Ectopic		Eutopic	Ectopic
ALAS1	-5.9	13.7	FAM93B	17.9	10.8	PPFIA1	4.9	6.4
ALDH1L2	14.2	14.8	FAM154B	6.0	13.6	PRR5	-5.6	-7.3
ALMS1P	7.6	7.9	FBXO9	6.0	10.2	RBMX	6.4	6.3
AP1B1	12.9	6.8	FLOT1	9.2	9.3	RFX5	7.7	7.5
C1QTNF3	7.0	7.1	GJC3	9.1	19.9	S1PR5	7.3	15.5
C11orf64	17.4	20.9	GK5	5.2	5.3	SOCS5	9.5	9.9
C6orf	10.9	33.2	GOT2	7.1	6.1	STAT2	6.4	5.6
C20orf12	4.7	3.8	HDHD1A	6.1	3.7	TBCEL	5.9	6.3
CALCOCO2	4.5	6.1	KCNK12	15.5	9.3	TP53INP2	3.9	8.2
CCNF	9.6	12.8	KRT222	6.0	10.3	WBSCR17	5.4	3.8
CCNT2	4.0	5.6	MAGEA10	9.5	13.1	ZNF135	9.0	4.4
CSRNP1	5.5	14.4	NFIB	6.9	8.3	ZNF257	7.8	17.7
DAGLB	3.1	6.5	NOB1	5.0	6.0	ZNF274	6.3	15.2
DNAH7	7.5	14.2	NOS1AP	12.9	13.8	ZNF343	4.7	9.0
EAF1	6.9	12.8	NRM	6.7	4.0	ZNF551	3.9	4.4
EFCAB6	7.9	16.8	NT5C1B	16.5	34.0	ZRANB2	4.1	6.0
EVC2	7.2	7.8	PKNOX2	5.2	8.1			

(C)

## Proliferative-to-secretory phases

Gene Symbol	Fold Change	
	Eutopic	Ectopic
ADAM8	-3.6	-3.1
DCAF4	3.5	-3.3
PDLIM5	-3.7	-3.9
UGDH	4.9	-3.9

