

**Table S3** Yan putative targets identified in EGFR perturbation microarrays {Butchar, 2012 #120;Jordan, 2005 #121}.

Gene	Tissue	Classification at Stage 5-7	Classification at Stage 11
Egfr	Wing	Dense	Dense
vvl	Wing	Multiple	Multiple
sty	Wing	Dense	Dense
pnt	Wing	Dense	Dense
mask	Wing	Single	Single
tou	Wing	Dense	Dense
corto	Wing	Dense	Dense
Ect3	Wing/Ovary	Single	Not bound
salm	Wing	Dense	Dense
CG4096	Wing	Not bound	Single
Cyp1	Wing	Dense	Dense
CG6234	Wing	Multiple	Dense
eIF5B	Wing	Single	Multiple
CG31048	Wing	Dense	Dense
Mkp3	Wing	Dense	Dense
ppk7	Wing	Single	Not bound
CG4165	Wing	Multiple	Not bound
CG14470	Wing	Single	Not bound
veli	Wing	Single	Not bound
cv-2	Wing	Multiple	Dense
SRm160	Wing	Single	Not bound
dikar	Wing	Single	Single
Cdc37	Wing	Not bound	Single
DMAP1	Wing	Multiple	Multiple
sec63	Wing	Not bound	Single
CG17370	Wing	Multiple	Multiple
aralar1	Wing	Single	Single
Fhos	Wing	Single	Single

dro6	Wing	Single	Single
CG11127	Wing	Single	Not bound
Strn-Mlck	Wing	Dense	Not bound
Tm1	Wing/Ovary	Multiple	Single
CG8111	Wing	Multiple	Not bound
Eip71CD	Wing	Single	Not bound
DAAM	Wing	Not bound	Multiple
CG14903	Wing	Single	Not bound
CG3788	Wing	Not bound	Single
Gip	Wing	Not bound	Single
wun2	Wing	Not bound	Single
CG8788	Wing	Multiple	Single
Cpr64Aa	Wing	Not bound	Single
CG9331	Wing/Ovary	Single	Single
CG2444	Wing	Single	Not bound
CG9027	Wing/Ovary	Single	Single
CG4382	Wing	Single	Single
MESK2	Ovary	Single	Not bound
Sara	Ovary	Single	Not bound
RhoGAP68	Ovary	Single	Not bound
Plc21C	Ovary	Not bound	Single
RhoGAP19	Ovary	Single	Not bound
Stat92E	Ovary	Multiple	Multiple
ImpL2	Ovary	Dense	Dense
mth	Ovary	Single	Single
POSH	Ovary	Not bound	Single
CG7447	Ovary	Single	Not bound
CBP	Ovary	Single	Dense
sdk	Ovary	Single	Multiple
ara	Ovary	Single	Multiple

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CG6197	Ovary	Single	Single
Dp	Ovary	Single	Dense
Rel	Ovary	Not bound	Single
cg	Ovary	Single	Single
Gpdh	Ovary	Not bound	Single
CG4455	Ovary	Single	Not bound
Hph	Ovary	Single	Multiple
woc	Ovary	Single	Not bound
CG6509	Ovary	Single	Single
CG17486	Ovary	Single	Not bound
CG1640	Ovary	Single	Single
CG10962	Ovary	Multiple	Multiple
sgl	Ovary	Single	Multiple
Adar	Ovary	Single	Single
Psa	Ovary	Multiple	Multiple
CG8814	Ovary	Single	Not bound
Cyp6a22	Ovary	Single	Not bound
Nup98	Ovary	Multiple	Dense
sll	Ovary	Not bound	Single
alpha-Spec	Ovary	Not bound	Single
CG10077	Ovary	Single	Single
polo	Ovary	Single	Single
CG3764	Ovary	Not bound	Single
CG7222	Ovary	Single	Single
CG7800	Ovary	Not bound	Dense
CG6983	Ovary	Multiple	Single
CG11399	Ovary	Single	Single
CG3563	Ovary	Multiple	Multiple
CG3106	Ovary	Single	Single
Mes2	Ovary	Not bound	Dense

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Gdi	Ovary	Not bound	Single
Glt	Ovary	Single	Not bound
Hml	Ovary	Single	Single
Eip75B	Ovary	Multiple	Dense
Dr	Ovary	Single	Dense
noc	Ovary	Dense	Dense
NK7.1	Ovary	Single	Not bound
I(3)mbt	Ovary	Single	Not bound
CG8443	Ovary	Not bound	Single
ras	Ovary	Single	Dense
CG10932	Ovary	Not bound	Dense
Prat2	Ovary	Not bound	Single
fng	Ovary	Not bound	Multiple
Oscillin	Ovary	Multiple	Not bound
CG1518	Ovary	Dense	Dense
CG12264	Ovary	Dense	Dense
CG17273	Ovary	Not bound	Single
CG12375	Ovary	Single	Single
SdhB	Ovary	Single	Not bound
c(3)G	Ovary	Single	Not bound
mnd	Ovary	Single	Not bound
snapin	Ovary	Dense	Dense
shi	Ovary	Multiple	Not bound
I(1)1Bi	Ovary	Single	Not bound
bl	Ovary	Multiple	Dense
Lola	Ovary	Multiple	Dense
Ddx1	Ovary	Single	Single
Top3beta	Ovary	Single	Single
CG5325	Ovary	Single	Not bound
how	Ovary	Single	Not bound

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Nek2	Ovary	Single	Dense
CG5147	Ovary	Single	Not bound
CG18004	Ovary	Single	Not bound
CG6959	Ovary	Multiple	Single
CG9526	Ovary	Single	Not bound
CG11395	Ovary	Not bound	Single
CG4329	Ovary	Single	Not bound
CG7810	Ovary	Not bound	Single
CG18616	Ovary	Single	Single
CG3548	Ovary	Single	Not bound
CG11470	Ovary	Single	Multiple
CG6194	Ovary	Single	Single
CG4853	Ovary	Multiple	Not bound
gp210	Ovary	Single	Not bound
rho	Ovary	Dense	Dense
bt	Ovary	Multiple	Single
Arp14D	Ovary	Not bound	Single
me31B	Ovary	Not bound	Single
kis	Ovary	Multiple	Dense
Ptp4E	Ovary	Single	Dense
PhKgamma	Ovary	Single	Not bound
CG15118	Ovary	Multiple	Multiple
Drl-2	Ovary	Single	Not bound
Rrp4	Ovary	Single	Not bound
mod(mdg4)	Ovary	Multiple	Single
CG6094	Ovary	Single	Single
Aats-phe	Ovary	Single	Single
CG5037	Ovary	Single	Single
SamDC	Ovary	Single	Not bound
CG5382	Ovary	Single	Not bound

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<b>CG8297</b>	<b>Ovary</b>	<b>Not bound</b>	<b>Single</b>
<b>CG3919</b>	<b>Ovary</b>	<b>Single</b>	<b>Not bound</b>

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