Table S1: In vivo RNAi screening results; Related to Figure 1

| Nr. of genes | Nr. of RNAi lines | KINOSymbol | Current ID | Gene Name | RNAi Library | Transformant Id | eg. GELF mRNA | Adult wing phenotype | Remarks |
|--------------|-------------------|------------|------------|-----------|--------------|----------------|---------------|---------------------|---------|
| 26 | 2 | CG11278 | CG020966 | Rab31 | platelet | 102400 | 101736 | no effect | development alterations |
| 1 | 1 | CG001962 | CG020499 | synab7 | synab7 | 103080 | 103080 | lethally embryonic lethal | |
| 2 | 1 | CG1512 | CG020213 | EX | EX | 101736 | 101736 | no effect | no effect |
| 1 | 1 | CG1518 | CG020473 | Act | Act | 101736 | 101736 | no effect | no effect |
| 1 | 1 | CG2366 | CG020410 | Rab1 | Rab1 | 100766 | 100766 | no effect | no effect |
| 1 | 1 | CG2850 | CG020537 | PTK1 | PTK1 | 100809 | 100809 | no effect | no effect |
| 1 | 1 | CG3034 | CG020680 | RTK2 | RTK2 | 101009 | 101009 | no effect | no effect |
| 1 | 1 | CG2927 | CG020680 | RTK2 | RTK2 | 101009 | 101009 | no effect | no effect |
| 1 | 1 | CG2850 | CG020537 | PTK1 | PTK1 | 100809 | 100809 | no effect | no effect |
| 1 | 1 | CG1518 | CG020473 | Act | Act | 101736 | 101736 | no effect | no effect |
| 1 | 1 | CG1512 | CG020213 | EX | EX | 101736 | 101736 | no effect | no effect |
| 1 | 1 | CG2366 | CG020410 | Rab1 | Rab1 | 100766 | 100766 | no effect | no effect |
| 1 | 1 | CG2850 | CG020537 | PTK1 | PTK1 | 100809 | 100809 | no effect | no effect |
| 1 | 1 | CG3034 | CG020680 | RTK2 | RTK2 | 101009 | 101009 | no effect | no effect |
| 1 | 1 | CG2927 | CG020680 | RTK2 | RTK2 | 101009 | 101009 | no effect | no effect |
| 1 | 1 | CG2850 | CG020537 | PTK1 | PTK1 | 100809 | 100809 | no effect | no effect |
| 1 | 1 | CG3034 | CG020680 | RTK2 | RTK2 | 101009 | 101009 | no effect | no effect |
| 1 | 1 | CG2927 | CG020680 | RTK2 | RTK2 | 101009 | 101009 | no effect | no effect |
| 1 | 1 | CG2850 | CG020537 | PTK1 | PTK1 | 100809 | 100809 | no effect | no effect |
| 1 | 1 | CG3034 | CG020680 | RTK2 | RTK2 | 101009 | 101009 | no effect | no effect |
| 1 | 1 | CG2927 | CG020680 | RTK2 | RTK2 | 101009 | 101009 | no effect | no effect |
| 1 | 1 | CG2850 | CG020537 | PTK1 | PTK1 | 100809 | 100809 | no effect | no effect |
| 1 | 1 | CG3034 | CG020680 | RTK2 | RTK2 | 101009 | 101009 | no effect | no effect |
| 1 | 1 | CG2927 | CG020680 | RTK2 | RTK2 | 101009 | 101009 | no effect | no effect |
| Gene ID | Description |
|--------|-------------|
| CG15701 | No phenotype |
| CG1467  | No phenotype |
| CG14535 | No phenotype |
| CG13930 | No phenotype |
| CG12500 | No phenotype |
| CG11759 | No phenotype |
| CG11211 | No phenotype |
| CG10907 | No phenotype |
| CG10225 | No phenotype |
| CG10067 | No phenotype |
| CG32136 | No phenotype |
| CG12837 | No phenotype |
| CG12843 | No phenotype |
| CG14468 | No phenotype |
| CG4999  | No phenotype |
| CG3093  | No phenotype |
| CG8454  | No phenotype |
| CG13762 | No phenotype |
| CG14909 | No phenotype |
| CG1709  | No phenotype |
| CG8310  | No phenotype |
| CG6737  | No phenotype |
| CG9013  | No phenotype |
| CG6213  | No phenotype |
| CG12015 | No phenotype |
| CG2885  | No phenotype |
| CG3870  | No phenotype |
| CG1900  | No phenotype |
| CG12156 | No phenotype |
| CG34410 | No phenotype |
| CG9994  | No phenotype |
| CG17515 | No phenotype |
| CG7558  | No phenotype |
| CG1708  | No phenotype |
| FBgn0034095 | No phenotype |
| FBgn0031955 | No phenotype |
| FBgn0033468 | No phenotype |
| FBgn0035165 | No phenotype |
| FBgn0001084 | No phenotype |
| FBgn0000043 | No phenotype |
| FBgn0039252 | No phenotype |
| FBgn0033067 | No phenotype |
| FBgn0039110 | No phenotype |
| FBgn0033135 | No phenotype |
| FBgn0033130 | No phenotype |
| FBgn0033129 | No phenotype |
| FBgn0033124 | No phenotype |
| FBgn0042086 | No phenotype |
| FBgn0033137 | No phenotype |
| FBgn0000482 | No phenotype |
| FBgn0031049 | No phenotype |
| FBgn0028664 | No phenotype |
| FBgn0028669 | No phenotype |
| FBgn0028667 | No phenotype |
| FBgn0262513 | No phenotype |
| FBgn0015793 | No phenotype |
| FBgn0035155 | No phenotype |
| FBgn0030391 | No phenotype |
| FBgn0002567 | No phenotype |
| FBgn0086913 | No phenotype |
| FBgn0038763 | No phenotype |
| FBgn0039746 | No phenotype |
| FBgn0015795 | No phenotype |
| FBgn0016701 | No phenotype |
| FBgn0262716 | No phenotype |

**Notes:**
- No phenotype
- Other defects
