**Supplementary file 3**

Fly strains used for the larval crystal cell screen

|  |  |  |
| --- | --- | --- |
| **Kinase** | **Allele/RNAi/others** | **Source/Identity** |
| Akt1 | *Akt04226*/TM6ubi-GFP | Balancer changed from BL11627 (RRID:BDSC\_11627) |
| Alc | *alcAd2*/CyO-GFP | Balancer changed from BL5510 (RRID:BDSC\_5510) |
| Asator | TRIP\_HMC04184attP2  dsRNA in Valium20 | BL55902 (RRID:BDSC\_55902) |
| Bsk | TRIP\_HMC03539attP2  dsRNA in Valium20 | BL53310 (RRID:BDSC\_53310) |
| BubR1 | UAS-BubR1DN  C-terminal truncated form | BL8380 (RRID:BDSC\_8380) |
|  | UAS-BubR1DN  C-terminal truncated form | BL8382 (RRID:BDSC\_8380) |
| CamkI | TRIP\_JF02268attP2  dsRNA in Valium10 | BL26726 (RRID:BDSC\_26726) |
| CamkII | TRIP\_GL00237attP2/TM6B  dsRNA in Valium22 | BL35330 (RRID:BDSC\_26726) |
|  | UAS-CamKIIT287A  Dominant negative version | BL29663 (RRID:BDSC\_29663) |
| Cdk1 | *Cdk1E1-23*/CyO-GFP | Balancer changed from BL6629 (RRID:BDSC\_6629) |
| Cdk2 | TRIP\_HM05163attP2  dsRNA in Valium10 | BL28952 (RRID:BDSC\_28952) |
| Cdk7 | *Cdk7del*/FM7-GFP | Balancer changed from BL4557 (RRID:BDSC\_4557) |
| Cdk8 | TRIP\_HMS05476attP40  dsRNA in Valium20 | BL67010 (RRID:BDSC\_67010) |
| CG5790 | TRIP\_HMJ23933attP40/CyO-GFP dsRNA in Valium20 | Balancer changed from BL62453 (RRID:BDSC\_62453) |
| CG8173 | TRIP\_JF01161attP2  dsRNA in Valium1 | BL31586 (RRID:BDSC\_31586) |
| CG14305 | TRIP\_HMC05158attP40  dsRNA in Valium20 | BL62151 (RRID:BDSC\_62151) |
| CkII ⍺ | TRIP\_JF01436attP2  dsRNA in Valium1 | BL31645 (RRID:BDSC\_31645) |
| Doa | TRIP\_HMC04193attP2  dsRNA in Valium20 | BL55908 (RRID:BDSC\_55908) |
|  | GD8588 dsRNA in pUASt | VDRC\_19066 |
| Drak | *Drakdel* | Neubuesser and Hipfner, 2010 |
| Dsor1 | TRIP\_HMS00710 attP2/TM6B  dsRNA in Valium20 | Balancer changed from BL32920 (RRID:BDSC\_32920) |
|  | KK102276 dsRNA in pUASt | VDRC\_107276 |
| Dyrk3 | TRIP\_HMC04155attP2  dsRNA in Valium20 | BL55882 (RRID:BDSC\_55882) |
| Fray | TRIP\_HMS01794attP2  dsRNA in Valium20 | BL38327 (RRID:BDSC\_38327) |
| Gskt | TRIP\_HMC05795attP2  dsRNA in Valium20 | BL64922 (RRID:BDSC\_64922) |
| Hipk | TRIP\_HMC05078attP40  dsRNA in Valium20 | BL60084 (RRID:BDSC\_60084) |
| Hpo | GD1570 dsRNA in pUASt | VDRC\_7823 |
|  | KK101704 dsRNA in pUASt | VDRC\_104169 |
| Lic | GD7546 dsRNA in pUASt | VDRC\_20166 |
| MAPk-Ak2 | TRIP\_HMS04456attP40  dsRNA in Valium20 | BL57013  (RRID:BDSC\_57013) |
| Mnb | KK102642 dsRNA in pUASt | VDRC\_107066 |
| Msn | KK108948 dsRNA in pUASt | VDRC\_101517 |
|  | pValium20\_attP40 shRNA | VDRC\_330049 |
| Niki | TRIP\_HMS01477attP2  dsRNA in Valium20 | BL35735 (RRID:BDSC\_35735) |
| Par-1 | *par-1k06323*/CyO-GFP | Balancer changed from BL10615 (RRID:BDSC\_10615) |
| Pdk1 | KK108363 dsRNA in pUASt | VDRC\_109812 |
| TRIP\_JF02807attP2  dsRNA in Valium10 | BL27725 (RRID:BDSC\_27725) |
| Pkc53E | *Pkc53EΔ28* | BL80988 (RRID:BDSC\_80988) |
| TRIP\_JF02641 attP2  dsRNA in Valium10 | BL27491 (RRID:BDSC\_27491) |
| TRIP\_HMS01195 attP2  dsRNA in Valium20 | BL34716 (RRID:BDSC\_34716) |
| Pkc98E | TRIP\_JF02470 attP2  dsRNA in Valium10 | BL29311 (RRID:BDSC\_29311) |
| TRIP\_GL00174 attP2  dsRNA in Valium22 | BL35275 (RRID:BDSC\_35275) |
| Pkd | *PKDcl4* | BL93864 (RRID:BDSC\_93864) |
|  | TRIP\_JF03144attP2  dsRNA in Valium10 | BL28717  (RRID:BDSC\_28717) |
| Pll | KK102624 dsRNA in pUASt | VDRC\_103774 |
| Put | TRIP\_JF02664 attP2  dsRNA in Valium10 | BL27514 (RRID:BDSC\_27491) |
| Raf | *raf12*/FM7-GFP | Balancer changed from BL5779 (RRID:BDSC\_5779) |
| S6k | *S6kI-1*/TM6B | BL32552 (RRID:BDSC\_32552) |
| Sgg | *SggM1-1/FM7-GFP* | Balancer changed from BL5402 (RRID:BDSC\_5402) |
| Sik2 | TRIP\_HMC04153 attP2  dsRNA in Valium20 | BL55880 (RRID:BDSC\_55880) |
| Slpr | *slpr3P5/ FM7-GFP* | Balancer changed from BL58795 (RRID:BDSC\_58795) |
|  | *slprBS06/ FM7-GFP* | Balancer changed from BL58807 (RRID:BDSC\_58807) |
|  | KK100726 dsRNA in pUASt | VDRC\_106449 |
|  | GD9771/CyO-GFP  dsRNA in pUASt | VDRC\_33518 |
| Tefu | TRIP\_HMS02790 attP40  dsRNA in Valium20 | BL44073 (RRID:BDSC\_44073) |
| Tkv | *tkv1* | BL427 (RRID:BDSC\_427) |
| Wee | TRIP\_HMC03331 attP40  dsRNA in Valium20 | BL51776 (RRID:BDSC\_51776) |
| Wnk | TRIP\_HMJ02087 attP40  dsRNA in Valium20 | BL42521 (RRID:BDSC\_42521) |
| **Gal4 driver/control lines** | **Allele/RNAi/other information** | **Source/Identity** |
| *Hml*-Gal4 | Expresses Gal4 in lymph glands and circulating hemocytes | BL30141 (RRID:BDSC\_30141) |
| *white-*RNAi | TRIP\_JF01574attP2 dsRNA in Valium1 vector | BL31231 (RRID:BDSC\_31231) |