# Supporting Information – Tables

**S1 Table.** Primary screen scores.
Amplicons of primary Pvr modifier screen with resulting ZDiff > = 2 or < = -2. Pvr Enhancers, Suppressors, and Upstream Regulators are indicated.
doi:10.1371/journal.pgen.1005056.s009
(XLS)

**S2 Table.** Verification screen scores.
Verification screen amplicons, Z scores of all replicates with resulting ZDiff values. Homologs and Scores predicted using DIOPT—DRSC Integrative Ortholog Prediction Tool (www.flyrnai.org/cgi-bin/DRSC_orthologs.pl)
doi:10.1371/journal.pgen.1005056.s010
(XLS)

**S3 Table.** Averaged final scores.
Final scores ZDiffFinal resulting from equally averaging all amplicons of a gene in the primary and secondary screen.
doi:10.1371/journal.pgen.1005056.s011
(XLS)

**S4 Table.** Phosphoproteomic data under 'high Pvr conditions'.
Phosphosites identified in Kc cells, a condition of unaltered Pvr activity ('high Pvr'), in combination with EcR knockdown ('low EcR') or insulin stimulation ('high InR'). Duplicate samples were examined.
doi:10.1371/journal.pgen.1005056.s012
(XLSX)

**S5 Table.** Phosphoproteomic data under 'low Pvr' conditions.
Phosphosites identified in Pvr RNAi cells, in combination with EcR knockdown ('low EcR') or insulin stimulation ('high InR'). Duplicate samples were examined.
doi:10.1371/journal.pgen.1005056.s013
(XLSX)

**S6 Table.** Phosphoproteomic data comparing 'high Pvr' and 'low Pvr' conditions.
Phosphosites identified in direct comparison of Kc cells treated with control or Pvr dsRNAs, in combination with EcR knockdown ('low EcR') or insulin stimulation ('high InR').
doi:10.1371/journal.pgen.1005056.s014
(XLSX)

**S7 Table.** Commonly regulated Pvr and InR phosphosites.
Phosphosites predicted to be targeted by both Pvr or InR, based on their common directionality of change under conditions of 'high Pvr, low InR' and 'low Pvr, high InR'.
doi:10.1371/journal.pgen.1005056.s015
(XLSX)

**S8 Table.** Differentially regulated Pvr and InR phosphosites.
Phosphosites predicted to be targeted by either Pvr or InR specifically, based on their directionality of change under 'high Pvr, low InR' and 'low Pvr, high InR' conditions.
doi:10.1371/journal.pgen.1005056.s016
(XLSX)