**Table S5. Pathway Analysis of Predicted Targets using the Panther Database**

\*Differences between KSHV oncomir targets and WNV-induced targets were significant (p=1.56E-06).­­

|  |  |  |
| --- | --- | --- |
| **Signaling Pathway** | **Number of Genes** | **WNV Targeted Genes** |
| Angiogenesis | 18 | 2 |
| p53 Pathway | 13 | 1 |
| Apoptosis | 12 | 2 |
| Interleukin Signaling Pathway | 12 | 3 |
| EGF Receptor Signaling Pathway | 12 | 2 |
| TGF-beta Signaling Pathway | 11 | 6 |
| PDGF Signaling Pathway  | 11 | 3 |
| Chemokine/Cytokine Signaling | 10 | 3 |
| Ras Pathway | 10 | 1 |
| FGF Signaling Pathway | 10 | 1 |
| PI3 Kinase Pathway  | 10 | 2 |
| Integrin Signaling Pathway | 7 | 2 |
| Wnt Signaling Pathway  | 7 | 12 |
| Hypoxia Response (HIF) | 6 | 1 |
| VEGF Signaling Pathway  | 6 | 1 |
| FAS Signaling Pathway | 6 | 0 |
| JAK/STAT Signaling Pathway | 5 | 2 |
| Notch Signaling Pathway | 5 | 0 |
| Interferon-gamma Signaling Pathway  | 4 | 1 |
| p38 MAPK Pathway  | 4 | 1 |
| Oxidative Stress Response  | 4 | 2 |
| Cadherin Signaling Pathway  | 4 | 7 |
| B Cell Activation | 4 | 1 |
| Toll Receptor Signaling Pathway  | 3 | 0 |
| Cell Cycle  | 3 | 0 |