

Table S1. Relative mRNA levels of protein tyrosine phosphatases in SIK.

Normalized values were obtained from next generation sequencing (Phillips et al, 2016).

| PTP¹ | RPKM² | Features³ |
|------------------------|-------------------------|-----------------------------|
| PTP4A1 | 11.9 | prenylated |
| PTP4A2 | 24.8 | prenylated |
| PTPDC1 | 1.4 | centrosomal |
| PTPMT1 | 8.2 | mitochondrial |
| PTPN1 | 21.4 | *PTP1B ⁴ |
| PTPN11 | 25.7 | *SHP2 ⁴ |
| PTPN12 | 16.6 | *PTPG1 ⁴ |
| PTPN13 | 24.4 | * |
| PTPN14 | 15.3 | * |
| PTPN18 | 4.4 | * |
| PTPN2 | 7.1 | *TCPTP ⁴ |
| PTPN21 | 4.2 | * |
| PTPN23 | 11.6 | * |
| PTPN3 | 6.8 | * |
| PTPN4 | 1.8 | * |
| PTPN6 | 8.1 | *SHP1 ⁴ |
| PTPN9 | 3.0 | * |
| PTPRA | 15.0 | |
| PTPRE | 1.8 | |
| PTPRF | 82.7 | |
| PTPRG | 1.1 | |
| PTPRK | 6.3 | |
| PTPRM | 4.1 | |
| PTPRS | 3.0 | |
| PTPRU | 12.4 | |
| PTPRZ1 | 3.4 | |

¹Protein tyrosine phosphatase gene name

²Reads per kb per million mapped reads; limited to RPKM>1

³Lipid modification, localization or (*) non-receptor designation

⁴Alternate name