

Supplementary Table S4: Number of sites nominated by one or more replicates of CIRCLE-seq across all eight gRNAs

| gRNA | Unique to 1 replicate | Shared by any 2 reps | Shared by all 3 reps | Total | Percentage in three replicates |
|-------------|----------------------------------|---------------------------------|---------------------------------|--------------|---|
| CCR5 | 2387 | 200 | 1606 | 4193 | 38.3 |
| FANCF | 271 | 68 | 2723 | 3062 | 88.9 |
| HEK1 | 496 | 93 | 1744 | 2333 | 74.8 |
| HEK2 | 3790 | 833 | 4783 | 9406 | 50.9 |
| HEK3 | 2603 | 619 | 3026 | 6248 | 48.4 |
| IL2RG | 536 | 234 | 5794 | 6564 | 88.3 |
| RNF2 | 104 | 41 | 1473 | 1618 | 91.0 |
| VEGFA1 | 219 | 139 | 8176 | 8534 | 95.8 |
| Average | 1300.8 | 278.4 | 3665.6 | 5244.8 | 72.0 |