S1 Table 1. All available RAS-effector complex structures

| PDB code | Method | Resolution (Å) | Ras isoform | RAS effector |
|----------|--------|----------------|-------------|--------------|
| 4G0N     | X-ray  | 2.45           | H-RAS       | CRAF         |
| 4G3X     | X-ray  | 3.25           | H-RAS       | CRAF         |
| 3KUD     | X-ray  | 2.15           | H-RAS       | CRAF         |
| 1K8R     | X-ray  | 3.00           | H-RAS       | BYR2         |
| 2MSE     | NMR    | -              | K-RAS       | ARAF         |
| 1LFD     | X-ray  | 2.1            | H-RAS       | RALGDS       |
| 1HE8     | X-ray  | 3.00           | H-RAS       | PI3K         |
| 2C5L     | X-ray  | 1.9            | H-RAS       | PLCε         |
| 3DDC     | X-ray  | 1.8            | H-RAS       | RASSF        |
| 4K81     | X-ray  | 2.4            | H-RAS       | GRAB14       |