



| $\Phi$ | EGF | X | AKT | MEK | ERK |
|--------|-----|---|-----|-----|-----|
| EGF    | 0   | 0 | 1   | 1   | 1   |
| X      | 0   | 0 | 0   | 2   | 0   |
| AKT    | 0   | 0 | 0   | 0   | 0   |
| MEK    | 0   | 0 | 0   | 0   | 1   |
| ERK    | 0   | 0 | 0   | 0   | 0   |