

| Term 1 | Biointeraction | Term 2 | PID |
|------------------------------------|-------------------------|-------------------------|----------|
| APC mutated | perturbing the function | hMLH1 | 12142355 |
| APC mutated | perturbing the function | hMSH2 | 12142355 |
| APC mutated | perturbing the function | TGF-B signaling pathway | 12142355 |
| APC mutated | activates | n.a. | 10772417 |
| B-Catenin (CTNNB1) | activates | TCF | 15888491 |
| B-Catenin (CTNNB1) | increases transcription | c-Myc (MYC) | 16998321 |
| B-Catenin (CTNNB1) | upregulates | PTGS2 | 12566320 |
| B-Catenin (CTNNB1) | induces overexpression | PTTG1 | 16705313 |
| B-Catenin (CTNNB1) | increases transcription | VEGF | 16998321 |
| B-Catenin (CTNNB1) | induces | JAG1 | 19325125 |
| B-Catenin (CTNNB1) | induces | RAF1 | 16478791 |
| B-Catenin (CTNNB1) / FUS | induces | alternative splicing | 16230076 |
| B-Catenin mutated (CTNNB1 mutated) | enhances activation | AKT1 | 15888491 |
| B-Catenin mutated (CTNNB1 mutated) | perturbing the function | hMLH1 | 12142355 |
| B-Catenin mutated (CTNNB1 mutated) | perturbing the function | hMSH2 | 12142355 |
| B-Catenin mutated (CTNNB1 mutated) | increases expression | MMP7 | 12481159 |
| B-Catenin mutated (CTNNB1 mutated) | epigenetic silencing | SOX7 | 18819930 |
| B-Catenin mutated (CTNNB1 mutated) | increases expression | TCF4 | 12481159 |
| B-Catenin mutated (CTNNB1 mutated) | downregulates | CCL7 | 11118053 |
| c-Myc (MYC) | activates | BUB1B | 17297307 |
| c-Myc (MYC) | activates | MAD2L1 | 17297307 |
| CDH1 | inhibits | B-Catenin (CTNNB1) | 11381089 |
| CDK8 | activates | B-Catenin (CTNNB1) | 19790197 |
| HOXB13 | loss induces | cancer progression | 15928669 |
| JAG1 | induces | Notch1 | 19325125 |
| KRAS mutated | perturbing the function | TGF-B signaling pathway | 12142355 |
| KRAS mutated | perturbing the function | hMLH1 | 12142355 |
| KRAS mutated | perturbing the function | hMSH2 | 12142355 |
| MMP1 | transactivates | B-Catenin (CTNNB1) | 12185585 |
| NOS2 | induces | cancer progression | 11935128 |
| PMS1 | is mutated | n.a. | 9438104 |
| PMS2 | is mutated | n.a. | 9438104 |
| PTGER2 | activates | B-Catenin | 16998321 |
| PTP4A3 | activates | AKT1 | 17409395 |
| PTP4A3 | inactivates | GSK3B | 17409395 |
| PTP4A3 | activates | AKT1 | 17409395 |
| PTP4A3 | downregulates | GSK3B | 17409395 |
| Smad4 mutated | perturbing the function | hMLH1 | 12142355 |
| Smad4 mutated | perturbing the function | hMSH2 | 12142355 |
| Smad4 mutated | perturbing the function | TGF-B signaling pathway | 12142355 |
| Smad4 mutated | inactivates | TGF-B signaling pathway | 12618756 |
| Smad7 mutated | overexpression inhibits | TGF-B signaling pathway | 18781153 |
| Smad7 mutated | activates | akt1 | 18781153 |
| Smad7 mutated | activates | ASK1 | 18781153 |
| TCF | activates | AKT1 | 15888491 |
| TCF | activates | PTTG1 | 19394332 |
| TCF | activates | TCF4 | 19394332 |
| TCF | activates | MMP7 | 19394332 |
| TCF4 | regulates | p21 (CDKN1A) | 19394332 |
| TCF4 | activates | CDKN1A | 19394332 |
| THBS1 mutated | inactivates | TGF-B signaling pathway | 18425817 |
| PTGS2 | generates | Prostglandin E2 | 16998321 |
| Prostglandin E2 | induces | PTGER2 | 16998321 |
| Notch1 | activates | Notch signaling pathway | 19325125 |
| Smad 7 / K-ras | induce | tumorigenicity | 18781153 |