Table S1. Targeted next-generation sequencing results for five endometrial-origin tumors

|  | Mutation1 | Mutation 2 | Mutation 3 | Gene amplification 1 | Gene amplification 2 | Microsatellite status | Tumor mutation burden |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Case 1 | *TP53* R282W | *PIK3CA* H1047R |  |  | *BCL2* amplification | MS-stable | Low, 5Muts/Mb |
| Case 2 | *TP53* Y220C | *FBXW7* R505G | *PPP2R1A* R179R |  | *EGFR* amplification | MS-stable |  |
| Case 3 | *TP53* R273H | *PIK3CA* E545A |  | *RAD21* amplification | *KRAS* amplification | MS-stable | Low 4 Muts/Mb |
| Case 4 | *TP53* M237I | *PIK3R1* N564D |  |  | *CCNE* amplification | Equivocal | 7 Muts/Mb |
| Case 5 | *TP53* R282W | *PIK3CA*H1047R |  |  | *BCL2* amplification | MS-stable | Low5 Muts/Mb |