

Supplementary Table 1

List of antibodies used in the reverse-phase protein microarray (RPPA) analysis

| Name of the protein | Antibody source | Catalog number |
|--------------------------|-----------------|----------------|
| 4EBP1 | CST | 9452 |
| 4EBP1 pS65 | CST | 9456 |
| 53BP1 | CST | 4937 |
| ACC S79 | CST | 3661 |
| ACC1 | Epitomics | 1768-1 |
| AIB-1 | BD Biosciences | 611105 |
| AKT | CST | 9272 |
| AKT S473 | CST | 9271 |
| AKT T308 | CST | 9275 |
| AMPK | CST | 2532 |
| AMPK T172 | CST | 2535 |
| Annexin | Invitrogen | 71-3400 |
| AR | Epitomics | 1852-1 |
| Bak | Epitomics | 1542-1 |
| BAX | CST | 2772 |
| Bcl-2 | Dako M0887 | M0887 |
| Bcl-X | Epitomics | 1018-1 |
| Bcl-xL | CST | 2762 |
| Beclin | Santa Cruz | sc-10086 |
| Bid | Epitomics | 1008-1 |
| BIM | Epitomics | 1036-1 |
| Cadherin-E | CST | 4065 |
| Cadherin-N | CST | 4061 |
| Cadherin-P | CST | 2130 |
| Caspase 3 Active | Epitomics | 1476-1 |
| Caspase 7 cleaved Asp198 | CST | 9491 |
| Catenin Beta | CST | 9562 |
| Caveolin1 | CST | 3238 |
| CD31 | Dako | M0823 |
| CDC2 | CST | 9112 |
| Chk1 | CST | 2345 |
| Chk1 pSer345 | CST | 2348 |
| Chk2 (1C12) | CST | 3440 |
| Chk2 pThr68 | CST | 2197 |
| cJun P-S73 | CST | 9164 |
| Claudin7 CLDN7 | Novus NB | 100-91714 |
| Collagen VI | Santa Cruz | SC-20649 |
| Cox-2 | Epitomics | 2169-1 |
| Cyclin B1 | Epitomics | 1495-1 |

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| Cyclin D1 | Santa Cruz | SC-718 |
| Cyclin E1 | Santa Cruz | SC-247 |
| DJ-1 | Abcam | ab76008 |
| eEF2 | CST | 2332 |
| eEF2K | CST | 3692 |
| EGFR | Santa Cruz | SC-03 |
| EGFR Y992 | CST | 2235 |
| EGFR Y1173 | Epitomics | 1124 |
| eIF4E | CST | 9742 |
| ER-a S118 | Epitomics | 1091-1 |
| ERCC1 | Lab Vision | MS-671-PO |
| FAK | Epitomics | 1700-1 |
| Fibronectin | Epitomics | 1574-1 |
| FOXO3a | CST | 9467 |
| FOXO3a S318/321 | CST | 9465 |
| Gata3 | BD Biosciences | 558686 |
| GSK3 S21/S9 | CST | 9331 |
| GSK3-Beta | Santa Cruz | SC-7291 |
| HER2 pY1248 | Upstate (Millipore) | 06-229 |
| IGFBP2 | CST | 3922 |
| IGFR1b | CST | 3027 |
| INPP4B | Santa Cruz | SC-12318 |
| IRS-1 | Upstate (Millipore) | 06-248 |
| Jnk2 | CST | 4672 |
| Kit-c | Epitomics | 1522 |
| K-RAS | Santa-Cruz | sc-30 (F234) |
| Ku80 | CST | 2180 |
| MAPK P-T202/204 | CST | 4377 |
| MEK1 | Epitomics | 1235-1 |
| MEK1 pS217/221 | CST | 9121 |
| MIG-6 | Sigma | WH0054206M1 |
| Mre11(31H4) | CST | 4847 |
| MSH2 | CST | 2850 |
| MSH6 | SDI | SDI |
| Myc | CST | 9402 |
| NF-kB p65 | CST | 3033 |
| NF2 | SDI | 2271 |
| Notch 1 | CST | 3268 |
| Notch3 | Santa Cruz | sc-5593 |
| p21 | Santa Cruz | SC-397 |
| p27 | Epitomics | 1591-1 |
| p27 pT157 | R&D | AF1555 |
| p27 pT198 | Abcam | ab64949 |
| p38 / MAPK | CST | 9212 |
| p38 T180/182 | CST | 9211 |
| p53 | CST | 9282 |

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| p70S6K | Epitomics | 1494-1 |
| p70S6K T389 | CST | 9205 |
| p90 RSK P-T359/S363 | CST | 9344 |
| PARP cleaved | CST | 9546 |
| Paxillin | Epitomics | 1500-1 |
| PCNA | Abcam | ab29 |
| PDK1 P-S241 | CST | 3061 |
| Pea15 | CST | 2780 |
| Pea15 pS116 | Invitrogen | 44-836G |
| PI3K P110a | CST | 4255 |
| PI3K-p85 | Upstate (Millipore) | 06-195 |
| PKC S657 | Upstate (Millipore) | 06-822 |
| PKCa | Upstate (Millipore) | 05-154 |
| PR | Epitomics | 1483-1 |
| Pras40 pT246 | Biosource | 441100G |
| PTCH | SDI | 2113 |
| PTEN | CST | 9552 |
| Rab25 | Covance Custom | Covance Custom |
| Rad50 | Millipore | 05-525 |
| Rad51 | Chem Biotech | na 71 |
| Raf-A pS299 | CST | 4431 |
| Raf-B | Santa Cruz | sc-5284 |
| Raf-C | Millipore | 05-739 |
| Raf-c pS388 | CST | 9427 |
| Rb (4H1) | CST | 9309 |
| Rb pS807/811 | CST | 9308 |
| S6 S235/236 | CST | 2211 |
| S6 S240/244 | CST | 2215 |
| Shc pY317 | CST | 2431 |
| Smad3 | Epitomics | 1735-1 |
| Snail | CST | 3895 |
| Src | Upstate (Millipore) | 05-184 |
| Src P-Y527 | CST | 2105 |
| Src Y416 | CST | 2101 |
| Stat3 P-S705 | CST | 9131 |
| Stat5 | Epitomics | 1289-1 |
| Stathmin | Epitomics | 1972-1 |
| Tau | Upstate (Millipore) | 05-348 |
| Taz | Abcam | ab3961 |
| Taz P-Ser79 | Santa Cruz | sc-17610 |
| Telomerase | SDI--GA1706 | GA1706 |
| Transglutaminase | Lab Vision | MS-224 |
| Tuberin/TSC2 | Epitomics | 1613-1 |
| Vasp | CST | 3112 |
| VEGFR2 | CST | 2479 |
| Xiap | CST | 2042 |

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| XRCC1 | CST | 2735 |
| Y Box Binding Protein 1 | SDI-- | GA1725 |
| YAP | Santa-Cruz | sc-15407 |
| YAP pS127 | CST | 4911 |
| YB1 pS102 | CST | 2900 |
