

A

Pathway	iCluster1	iCluster2	iCluster3
RTK/RAS/PI3K	22%	24%	37%
TP53	43%	35%	48%
Cell cycle	51%	80%	78%
Altered in HA	9%	20%	3%
WNT	31%	56%	54%
Chromatin modifiers	40%	38%	32%
Telomerase	26%	58%	62%

Fig. S6

% Cases with pathway alterations



B

