Figure S6  Linear plots of an individual gene that was knocking down by shRNA in A549 cells cultured in the presence of metformin are BCL2L1, CHEK1, CHFR and DPP4 respectively. Y-axis exhibits the log2 of normalization sequencing counts and X-axis demonstrates the doubling time in the screen. The combination of shRNAs and metformin treatment shows the decreasing in the signal read (solid line) compared to vehicle control (dash line).