

Supplementary Table 4: Cox proportions-hazard model of the association between the indicated gene alteration with overall survival

| Gene alteration | HR | 95% CI | p value |
|------------------------|-----------|---------------|----------------|
| <i>MYOCD</i> gain | 1.07 | 0.58 – 1.95 | 0.83 |
| <i>MYC</i> gain | 1.94 | 1.06 – 3.56 | 0.03 |
| <i>RB1</i> loss | 0.93 | 0.46 – 1.89 | 0.84 |
| <i>TP53</i> loss | 0.93 | 0.51 – 1.72 | 0.83 |
| <i>PTEN</i> loss | 0.83 | 0.44 – 1.57 | 0.57 |