The graph shows the pCa50 values for different conditions at pH 7.0 and pH 6.2.

- **Control**: At pH 7.0, the pCa50 is approximately 6.0. At pH 6.2, it is around 4.5.
- **cTnl A164H-Flag**: At pH 7.0, the pCa50 is significantly higher than 6.0. At pH 6.2, it is around 5.1.
- **cTnl-Flag**: At pH 7.0, the pCa50 is close to 5.7. At pH 6.2, it is slightly above 5.1.

Significance is indicated by asterisks (*) for differences between pH conditions.
**Supplementary Figure 2.** Summary of pCa\textsubscript{50} in cardiac myocytes after cTnl A164H adenoviral gene transfer in isolated rat cardiac myocytes. Rat myocytes were transduced with vectors at MOI 500. Black bars = pH 7.0, white bars = pH 6.2; \( n = 5-11 \) myocytes per group. \(*P<0.05\) for cTnl A164H-Flag vs. controls (non-transduced) and vs. wild-type cTnl-Flag at each pH. There were no statistical differences between control and wild-type cTnl-Flag transduced myocytes, indicating that the Flag per se did not alter the calcium or pH sensitivity of isometric force. All values are mean ± SEM.