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Figure 1. Temporal effects of obesity on of IR, IGF-1R and hybrid receptor expression in aorta of low fat (LF) and high fat (HF) diet fed mice. Data shows changes in IR (A), IGF-1R (B) and hybrid receptor (C) protein at 2, 5 and 16-weeks of feeding. Representative Western blot images are shown with densitometry (A, B & C, n=10-25 in each group). Relative IR (D) and IGF-1R (E) mRNA is shown in LF and HF mouse aortae at 16-weeks feeding (n=6 in each group). Analysis was performed between gels and samples were normalised to a single control whole cell lysate which was loaded on all gels. All data are given as mean values ± SEM. **P<0.01, ****P<0.0001 vs lean group.