Supplementary Figure 6
Supplementary Figure 6. Rescued RSK-null phenotypes by kinase-dead RSK (A-E) SEM images (upper panels) and tangential cross sections (lower panels) of adult eyes with indicated genotypes. (F-J) Microscopic views of adult wings with indicated genotypes. (K) Quantified data of (A-E). The mean number of photoreceptor cells per ommatidium was presented as a bar graph. Error bars indicate S.D. (L) Quantified data of (F-J). The penetrance of the ectopic wing vein cell phenotype was presented as a bar graph. Flies of (A-J) were cultured at 29°C. Genotypes are: da-Gal4 (da-Gal4/+, A, F), RSK\textsuperscript{D1}; da-Gal4 (RSK\textsuperscript{D1}/Y; da-Gal4/+, B, G), RSK\textsuperscript{D1}; da>RSK\textsuperscript{KR} (RSK\textsuperscript{D1}/Y; da-Gal4/UAS-RSK\textsuperscript{KR}, C, H), RSK\textsuperscript{D1}; da>RSK\textsuperscript{KR/KR} (RSK\textsuperscript{D1}/Y; da-Gal4/UAS-RSK\textsuperscript{KR/KR}, D, I), and RSK\textsuperscript{D1}; da>RSK\textsuperscript{KM/KM} (RSK\textsuperscript{D1}/Y; da-Gal4/UAS-RSK\textsuperscript{KM/KM}, E, J).