



Supplementary Figure. SDS-PAGE of *Lum*^{+/+}, *Lum*^{+/-} and *Lum*^{-/-} mouse corneal proteins. Lane 1: 18μg of *Lum*^{-/-} mouse corneal protein; Lane 2: 18μg of *Lum*^{+/+} mouse corneal protein; Lane 3: 18μg of *Lum*^{+/-} mouse corneal protein; Lane 4: 5μg BSA; Lane 5: marker