Appendix 1

Expression of specific cone markers in 661W cells (cone-like cell line) compared with HEK293 cells (negative control). Protein extracts were incubated overnight at 4°C with cone arrestin (1:5000, Millipore, 42 KDa), blue opsins (39 KDa), red/green opsins (40.5 KDa) and α E-catenin (100 KDa) (1:5000, Cell Signaling) primary antibodies. Then, they were incubated with antirabbit HRP (1:10000, Cell Signaling) and developed.