

HAMAMATSU
PHOTON IS OUR BUSINESS

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Blue light

K^+

Depolarization

Na^+ Na^+ H^+ Na^+

CHO cell expressing a ChR2 variant
(With light-stimulation, membrane depolarization occurs)

ChR2WR-CHO cells with membrane potential fluorescent dye

20 times of light stimulation (480 nm)

Fluorescence measurements of membrane potential changes on a kinetic plate reader FDSS 7000EX (ex 530 nm/em 590 nm)

*For further information, questions and comments, please contact shisada@sys.hpk.co.jp