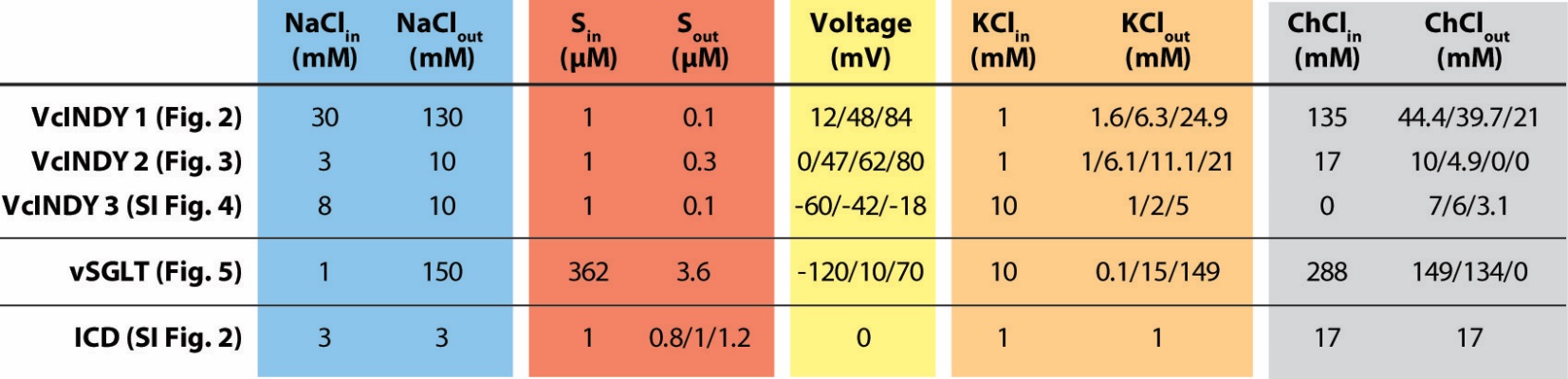
**Supplementary Table 1**

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**Supplementary Table 1. Exact buffer conditions for all experiments presented.** Constituent concentrations of internal and external buffers used in each experiment. ICD stands for internal concentration determination. Columns are color-coded to match the experimental schematics presented in each figure.