Application of phage display to identify a potential ligand for the CASKIN2 SH3 domain. A preparation of 5 μM purfied 6xHis-tagged CASKIN2 SH3 domain was panned for four cycles against a PHD-12 library (Invitrogen) according to the instructions recommended by the manufacturer. M13 phage ssDNA was purified using a Qiaprep Spin M13 kit (Qiagen) and submitted for sequencing at the Hospital for Sick Children genomics facility (Toronto, ON). A selection of sequenced clones shared a weak consensus sequence of P-X-X-[LMW]. Peptides corresponding to #05 and #03, and the reverse sequence of the latter, 03*, were chemically synthesized by CanPeptide (Montreal, QC) and tested by titration into a ^{15}N-labeled preparation of wild type CASKIN2 SH3 domain. No binding was detected for any of the peptides suggesting that the either the interaction was very weak given the sensitivity of the NMR method.