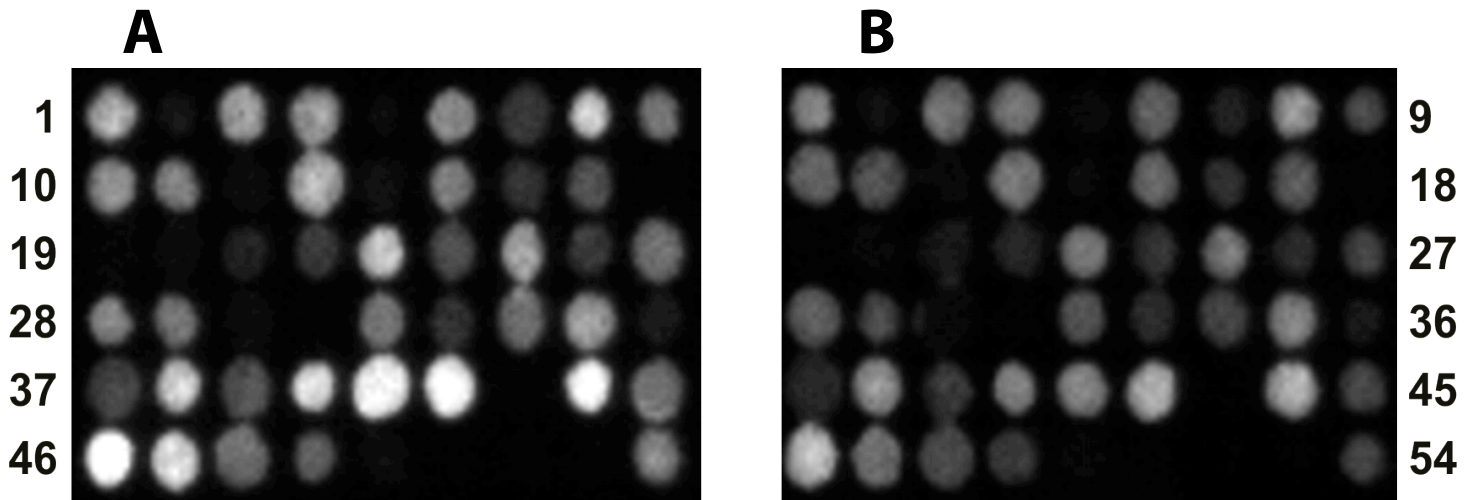


**Tapia et al., Supplementary Figure 2**



Pos	ID	Sequence	Pos	ID	Sequence	Pos	ID	Sequence
01	1160	PQERPPPYLAVP	19	1169	DGEEPPPYQGPC	37	1461	CATRPPRYSSGW
02	1159	MAEPPPPYSEVL	20	1134	TDSSPPPYSSIT	38	1505	IYQVPPSYQNQG
03	1091	SATLPPPYQLIN	21	1818	DTPCPPVYAETK	39	1535	QGIEPPSYVAAA
04	1160	PQERPPPYLAVP	22	1461	CATRPPRYSSGW	40	1639	PNGLPSPSYTIIL
05	1159	MAEPPPPYSEVL	23	1505	IYQVPPSYQNQG	41	1640	PEGLPPSYVFEVS
06	1091	SATLPPPYQLIN	24	1535	QGIEPPSYVAAA	42	0871	FGRVPPPLYQLCF
07	1461	CATRPPRYSSGW	25	1545	GSVQPPSYGVQL	43	1574	EECDPPSYTAGQ
08	1505	IYQVPPSYQNQG	26	1577	LSGDPSPSYLTGE	44	0028	FMIKLPQYSSLE
09	1535	QGIEPPSYVAAA	27	0016	CAPGRPRAQPPA	45	1854	LMSEPPVYCNLV
10	0135	TTVVPPAYSMVT	28	0135	TTVVPPAYSMVT	46	1645	PSHPPPSYLEFLY
11	1853	AMSEPPVYCNLV	29	1853	AMSEPPVYCNLV	47	1610	LFHIPPSYKSTV
12	0245	KQTNPPDYLTEA	30	0245	KQTNPPDYLTEA	48	135	TTVVPPAYSMVT
13	1160	PQERPPPYLAVP	31	1036	QSEAPPNYADV	49	1853	AMSEPPVYCNLV
14	1159	MAEPPPPYSEVL	32	1092	GSTIPPPYISSQ	50	0245	KQTNPPDYLTEA
15	1091	SATLPPPYQLIN	33	1226	GPREPPPYQEPR	51	0000	DANTPIMDME
16	1001	ELMFPPNYDQSK	34	1604	TMCIPPSYADLG	52	1036	QSEAPPNYADV
17	1090	SSTLPPPYLLEA	35	1605	PMCIPPSYADLG	53	1036	QSEAPPNYADV
18	1035	QPEAPPNYADV	36	1783	MEGPPPTYSEVI	54	1604	TMCIPPSYADLG