Type A SDF-1 binding nucleic acids

Name	nt.	Sequence: 5′-3′	Comp.
192-A10-001	38	**GCUGUG**AAAGCAACAUGUCAA-UGAAAGGUAGC**CGCAGC**	
192-G10	38	**GCUGUG**AAAGUAACAUGUCAA-UGAAAGGUAAC**CACAGC**	<
192-F10	38	**GCUGUG**AAAGUAACACGUCAA-UGAAAGGUAAC**CGCAGC**	<
192-B11	38	**GCUGUG**AAAGUAACACGUCAA-UGAAAGGUAAC**CACAGC**	=
192-C9	38	**GCUGUA**AAAGUAACAUGUCAA-UGAAAGGUAAC**UACAGC**	<
192-E10	38	**GCUGUA**AAAGUAACAAGUCAA-UGAAAGGUAAC**UACAGC**	<
192-C10	38	**GCUGUG**AAAGUAACAAGUCAA-UGAAAGGUAAC**CACAGC**	=
192-D11	38	**GC**A**GUG**AAAGUAACAUGUCAA-UGAAAGGUAAC**CAC**A**GC**	<
192-G11	38	**GC**U**GUG**AAAGUAACAUGUCAA-UGAAAGGUAAC**CAC**U**GC**	<
192-H11	38	**GCUAUG**AAAGUAACAUGUCAA-UGAAAGGUAAC**CAUAGC**	<
192-D10	38	**GCUGCG**AAAGCGACAUGUCAA-UGAAAGGUAGC**CGCAGC**	<<
192-E9	38	**GCUGUG**AAAGCAACAUGUCAA-UGAAAGGUAGC**CACAGC**	<<
192-H9	38	**GCUGUG**AAAGUAACAUGUCAA-UGAAAGGUAGC**CGCAGC**	<<
191-A6	39	**AGCGUG**AAAGUAACACGUAAAAUGAAAGGUAAC**CACGCU**	<

terminal nucleotides that may hybridize to each other (bold)

nucleotides which may mainly comprise a SDF-binding motif

nt.:= nucleotides

Comp.:= Clones were tested as aptamers in a competition binding assay vs. 192-A10-001

=:= equal binding affinity as 192-A10-001; <:= weaker binding affinity than 192-A1-001

<<:= much weaker binding affinity than 192-A10-001

Fig. 1