

Correlation 7mers of longmer GAGAAACCTTAC in Squamous

		, or longinor ω_{i}		11 Oqualilous							
GGATTAC —	0.67	0.70	0.63	0.69	0.63	0.73	0.71	0.72	0.89	1.00	
GAGACCA —	0.68	0.69	0.60	0.74	0.61	0.72	0.68	0.74	1.00	0.89	
GAGAATT —	0.53	0.59		0.62		0.60	0.58	1.00	0.74	0.72	
GAGAAAC —	0.66	0.62	0.56	0.65	0.57	0.68	1.00	0.58	0.68	0.71	_
GAAACCT —	0.76	0.67	0.58	0.76	0.57	1.00	0.68	0.60	0.72	0.73	Correlation 1.00 0.75
AGCCTTC —	0.56	0.59	0.51	0.50	1.00	0.57	0.57		0.61	0.63	0.50 0.25 0.00
AGAAACC —	0.64	0.64	0.55	1.00	0.50	0.76	0.65	0.62	0.74	0.69	
ACCTTAC —	0.59	0.70	1.00	0.55	0.51	0.58	0.56		0.60	0.63	_
ААССТТА —	0.74	1.00	0.70	0.64	0.59	0.67	0.62	0.59	0.69	0.70	
AAACCTT —	1.00	0.74	0.59	0.64	0.56	0.76	0.66	0.53	0.68	0.67	_
	AAACCTT	AACCTTA	ACCTTAC	AGAAACC	AGCCTTC	GAAACCT	GAGAAAC	GAGAATT	GAGACCA	GGATTAC	

Correlation 7mers of longmer ACAGGCGTGAGCC in Neu

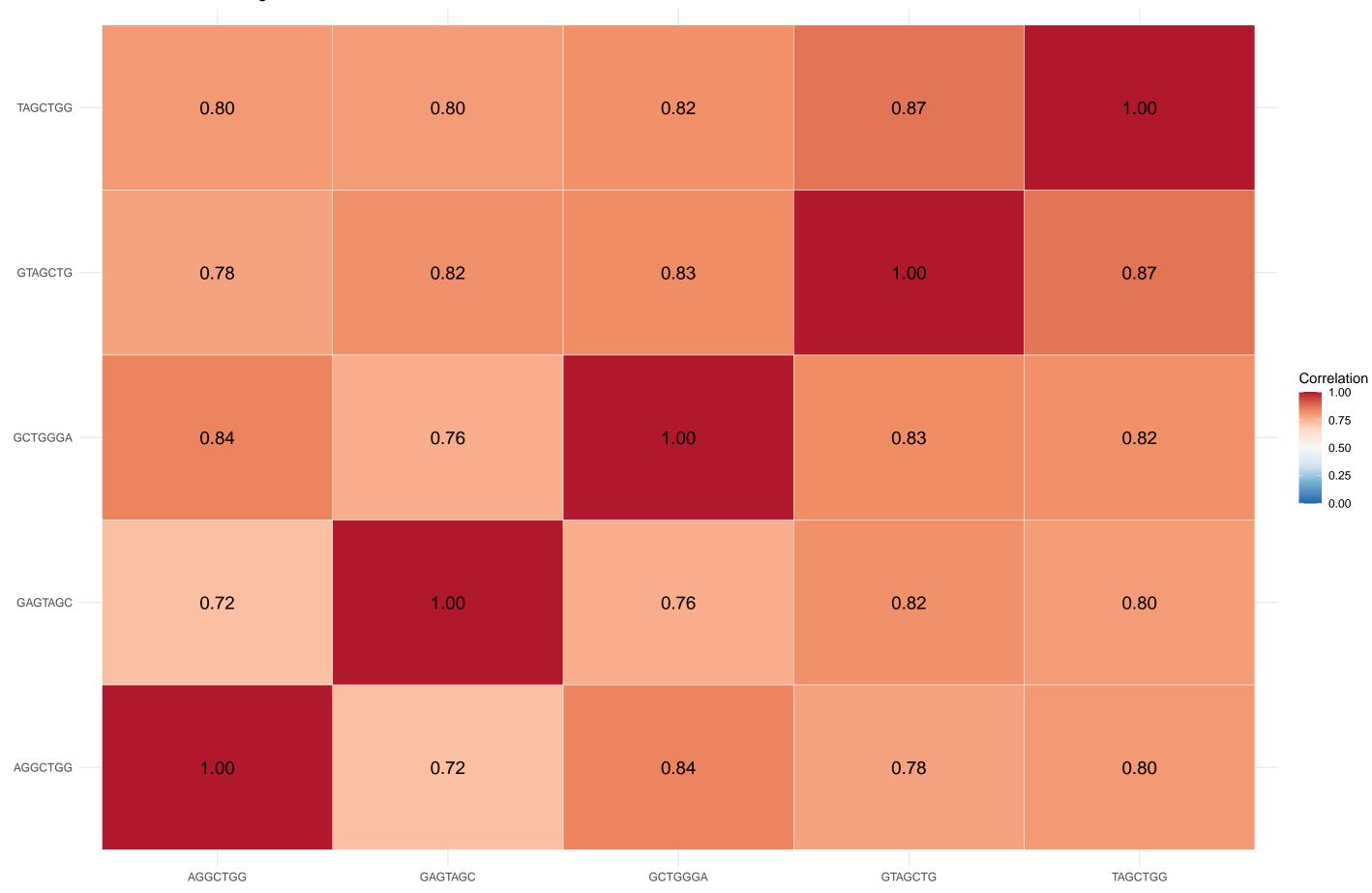
C		onginei ACAGGCG	I GAGCC III Neu						
GTGAGCC —	0.82	0.80	0.78	0.82	0.79	0.78	0.83	1.00	
ggcgtga —	0.91	0.89	0.77	0.88	0.80	0.91	1.00	0.83	
GCGTGAG —	0.89	0.88	0.74	0.88	0.76	1.00	0.91	0.78	
CCTGACC —	0.81	0.74	0.77	0.77	1.00	0.76	0.80	0.79	Correlation 1.00 0.75
CAGGCGT —	0.91	0.95	0.77	1.00	0.77	0.88	0.88	0.82	0.50 0.25 0.00
AGGCTGG —	0.78	0.74	1.00	0.77	0.77	0.74	0.77	0.78	
AGGCGTG —	0.91	1.00	0.74	0.95	0.74	0.88	0.89	0.80	
ACAGGCG —	1.00	0.91	0.78	0.91	0.81	0.89	0.91	0.82	
	ACAGGCG	AGGCGTG	AGGCTGG	CAGGCGT	CCTGACC	GCGTGAG	GGCGTGA	GTGAGCC	

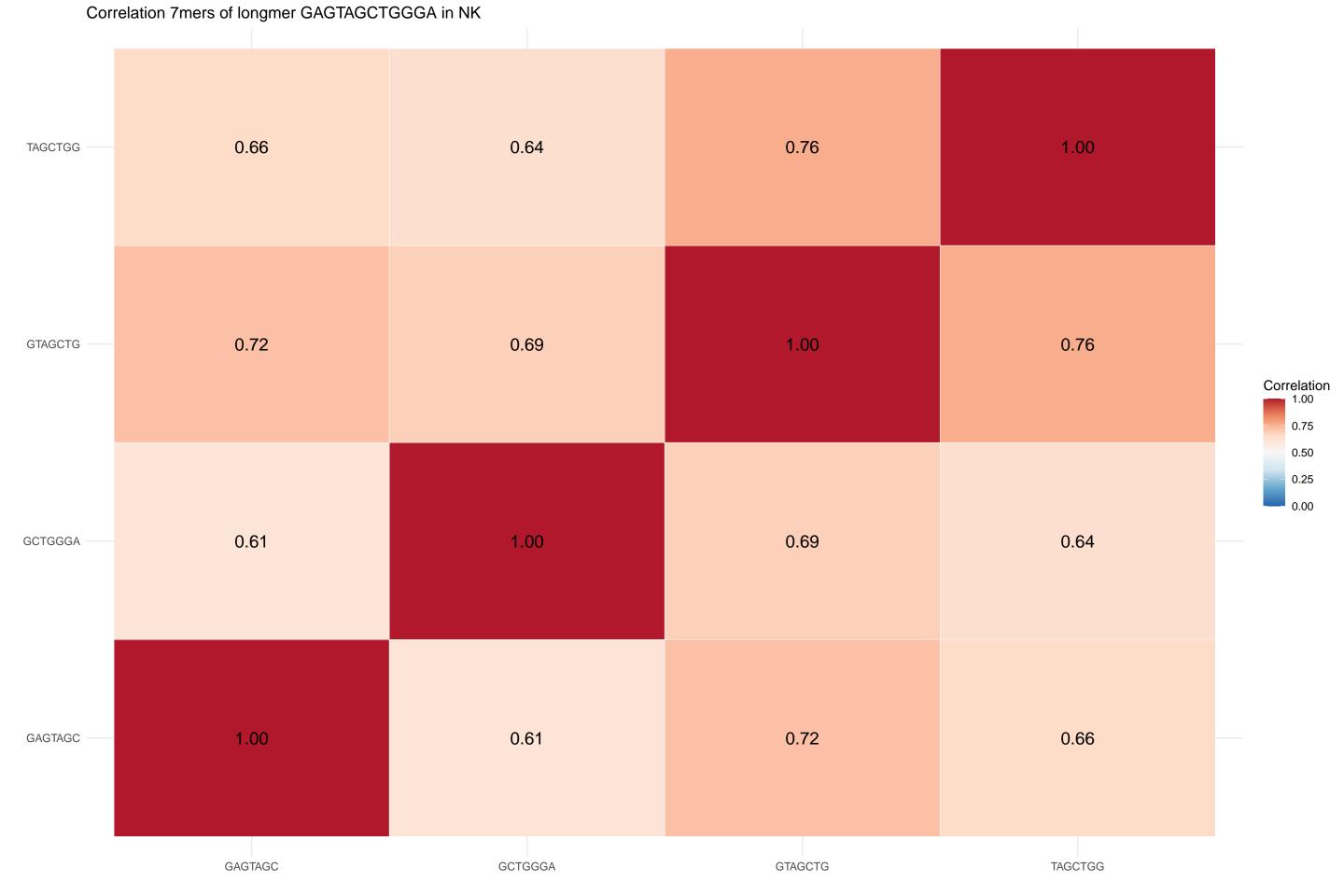
Correlation 7mers of longmer ACAGGCGTGAGCC in B

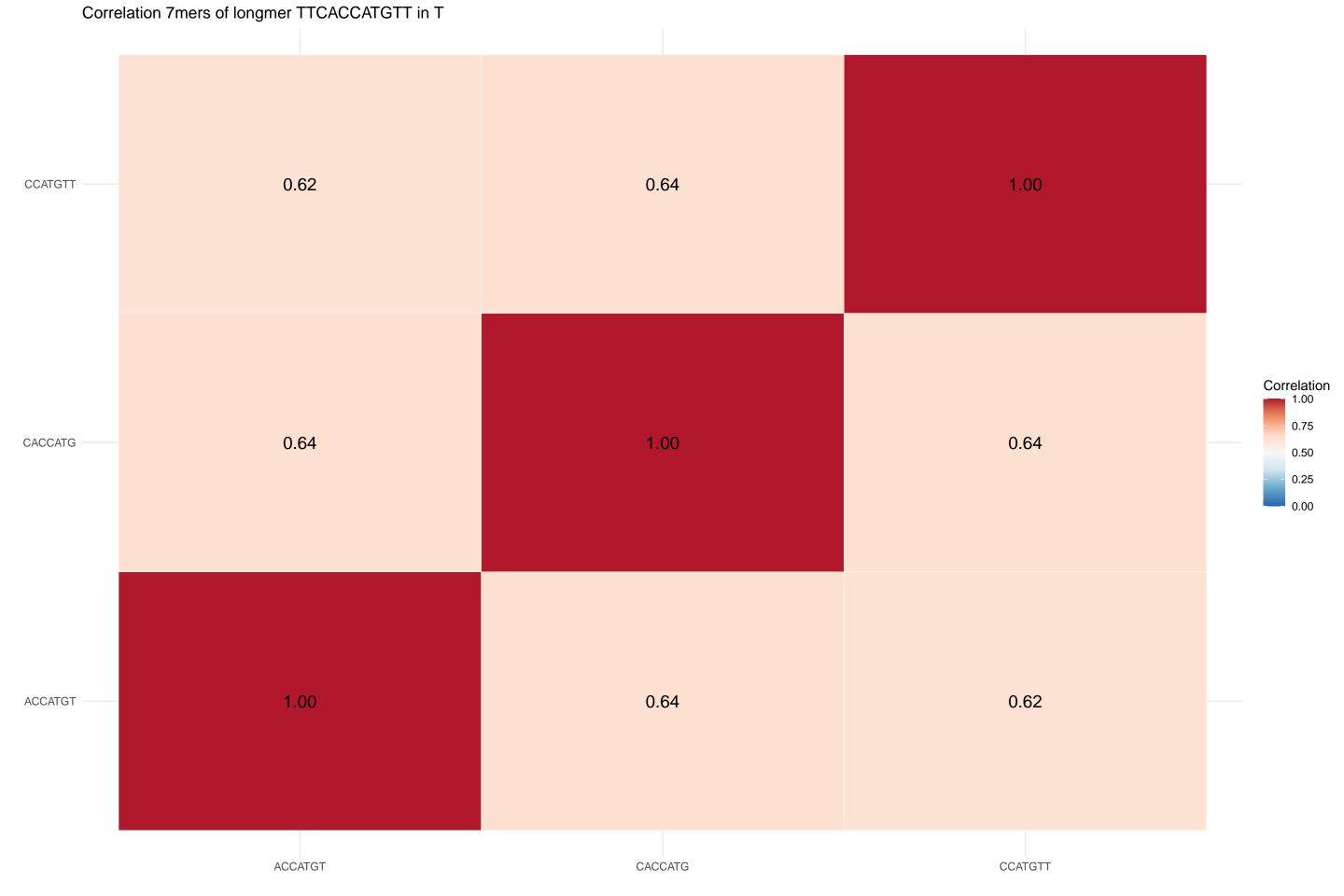
		J							
GTGAGCC —	0.71	0.65	0.75	0.73	0.73	0.71	0.75	1.00	
GGCGTGA —	0.82	0.63	0.83	0.80	0.68	0.82	1.00	0.75	
CGTGAGC —	0.81	0.52	0.80	0.77	0.63	1.00	0.82	0.71	
CCTGACC —	0.72	0.59	0.67	0.67	1.00	0.63	0.68	0.73	Correlation 1.00 0.75
CAGGCGT —	0.85	0.60	0.94	1.00	0.67	0.77	0.80	0.73	0.50 0.25 0.00
AGGCGTG —	0.85	0.62	1.00	0.94	0.67	0.80	0.83	0.75	
AGGCGGA —	0.57	1.00	0.62	0.60	0.59	0.52	0.63	0.65	
ACAGGCG —	1.00	0.57	0.85	0.85	0.72	0.81	0.82	0.71	
	ACAGGCG	AGGCGGA	AGGCGTG	CAGGCGT	CCTGACC	CGTGAGC	GGCGTGA	GTGAGCC	

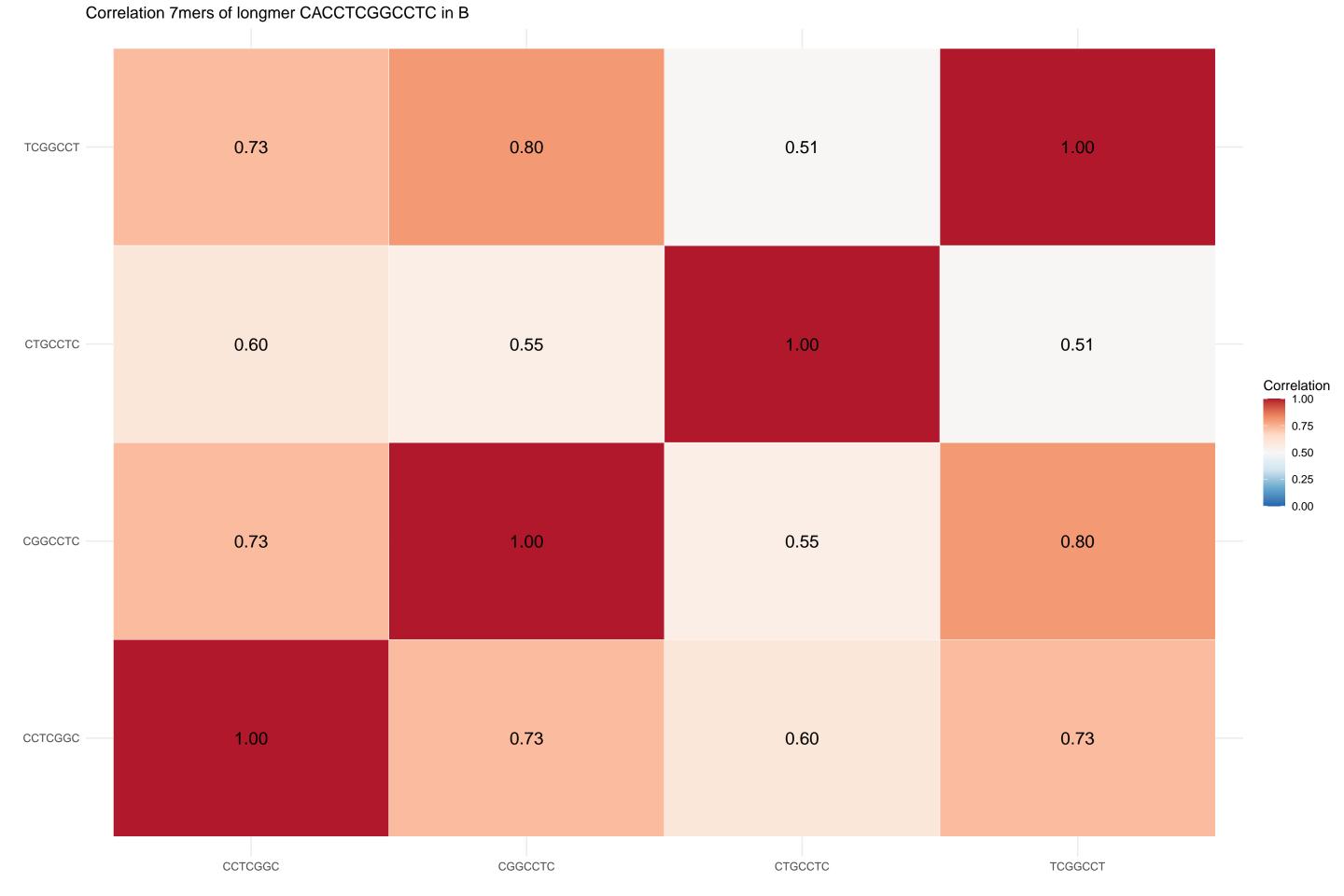
Correlation 7mers of longmer ACAGGCGTGAGCC in NK

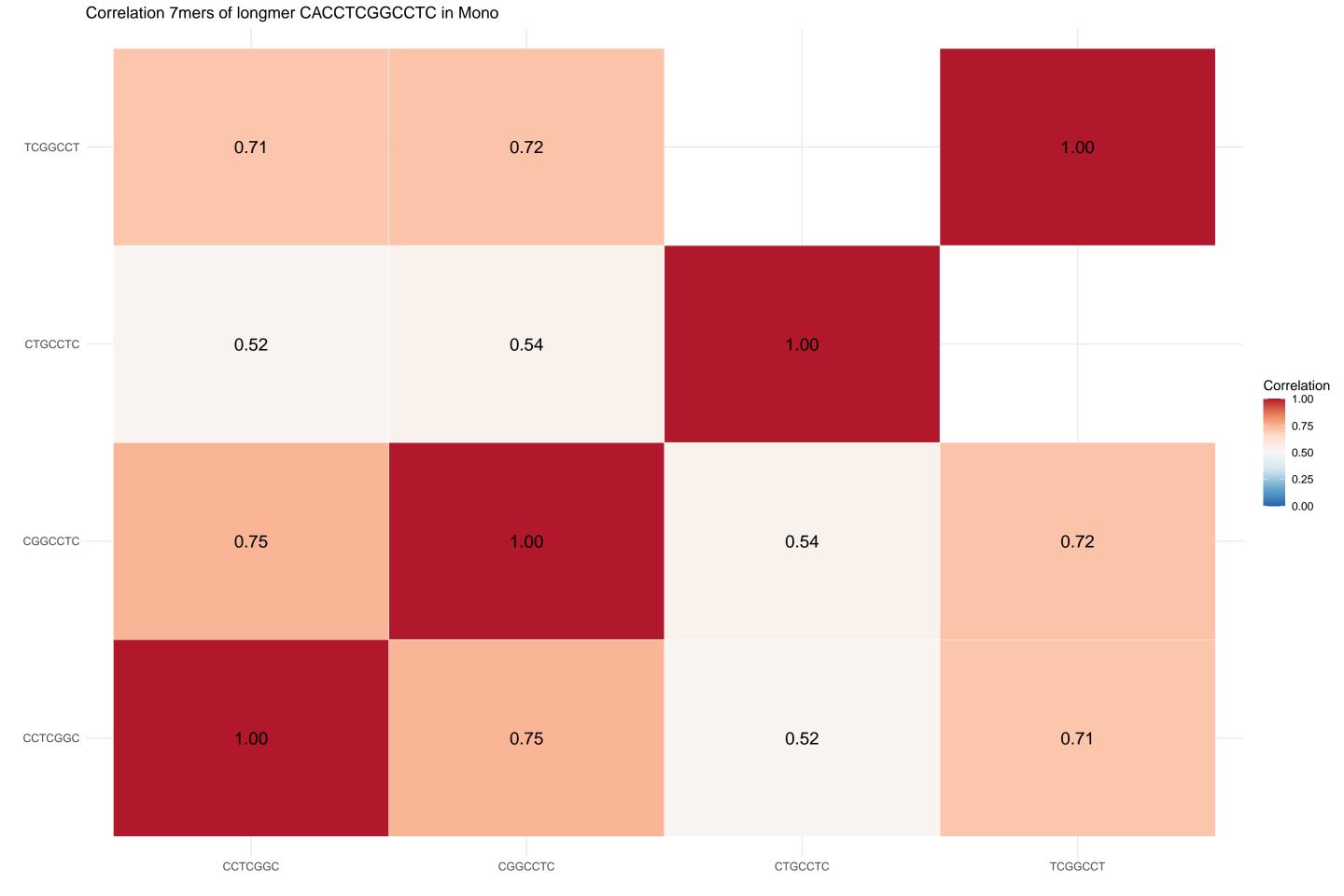
		ongmer ACAGGCG	TOAGCC III NK						
GTGAGCC —	0.74	0.72	0.73	0.66	0.74	0.75	0.77	1.00	
GGCGTGA —	0.82	0.84	0.81	0.65	0.79	0.86	1.00	0.77	
GCGTGAG —	0.82	0.82	0.81	0.61	0.86	1.00	0.86	0.75	
CGTGAGC —	0.80	0.77	0.76	0.59	1.00	0.86	0.79	0.74	Correlation 1.00 0.75
CCTGACC —	0.66	0.63	0.62	1.00	0.59	0.61	0.65	0.66	0.50 0.25 0.00
CAGGCGT —	0.86	0.91	1.00	0.62	0.76	0.81	0.81	0.73	
AGGCGTG —	0.83	1.00	0.91	0.63	0.77	0.82	0.84	0.72	
ACAGGCG —	1.00	0.83	0.86	0.66	0.80	0.82	0.82	0.74	
	ACAGGCG	AGGCGTG	CAGGCGT	CCTGACC	CGTGAGC	GCGTGAG	GGCGTGA	GTGAGCC	

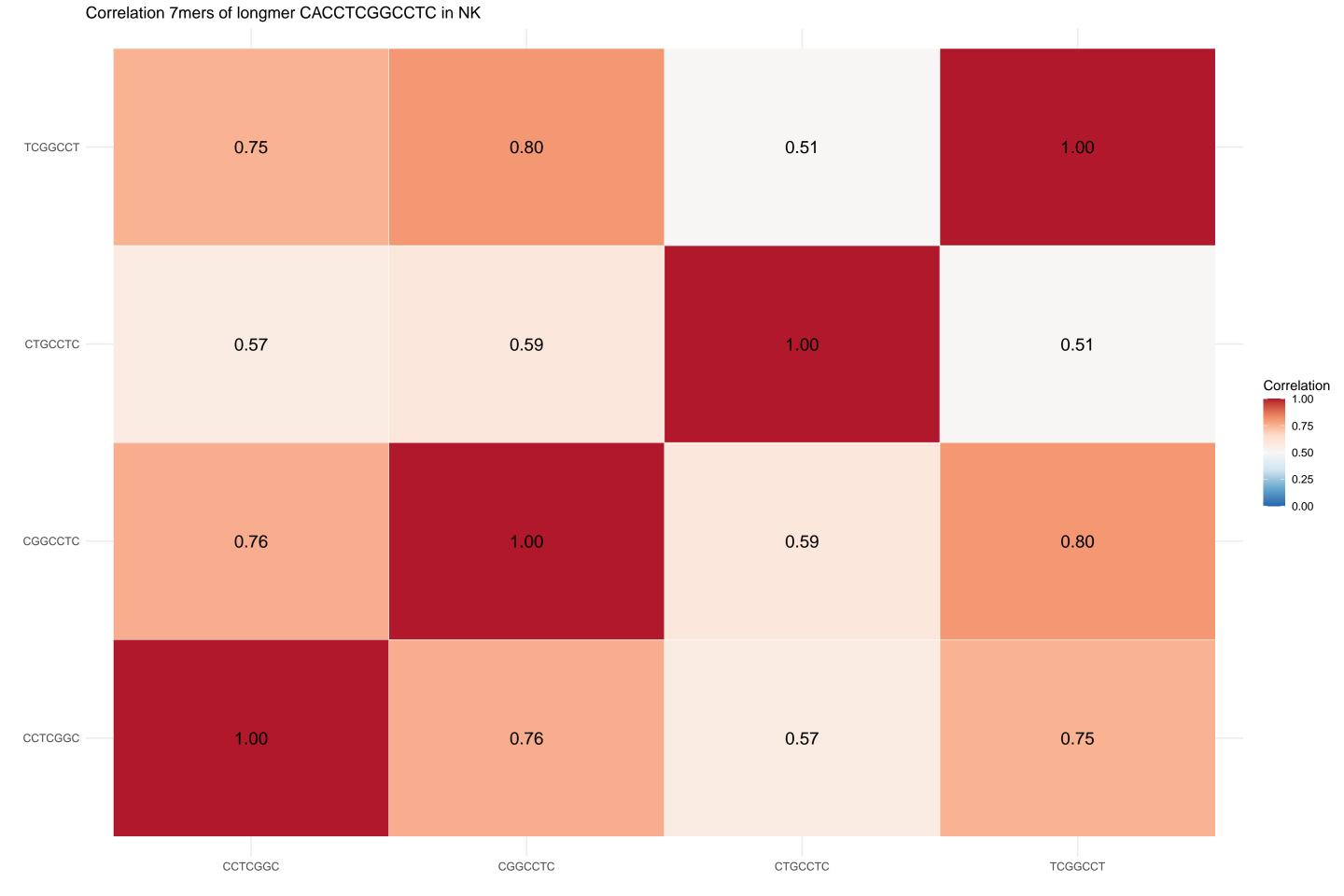


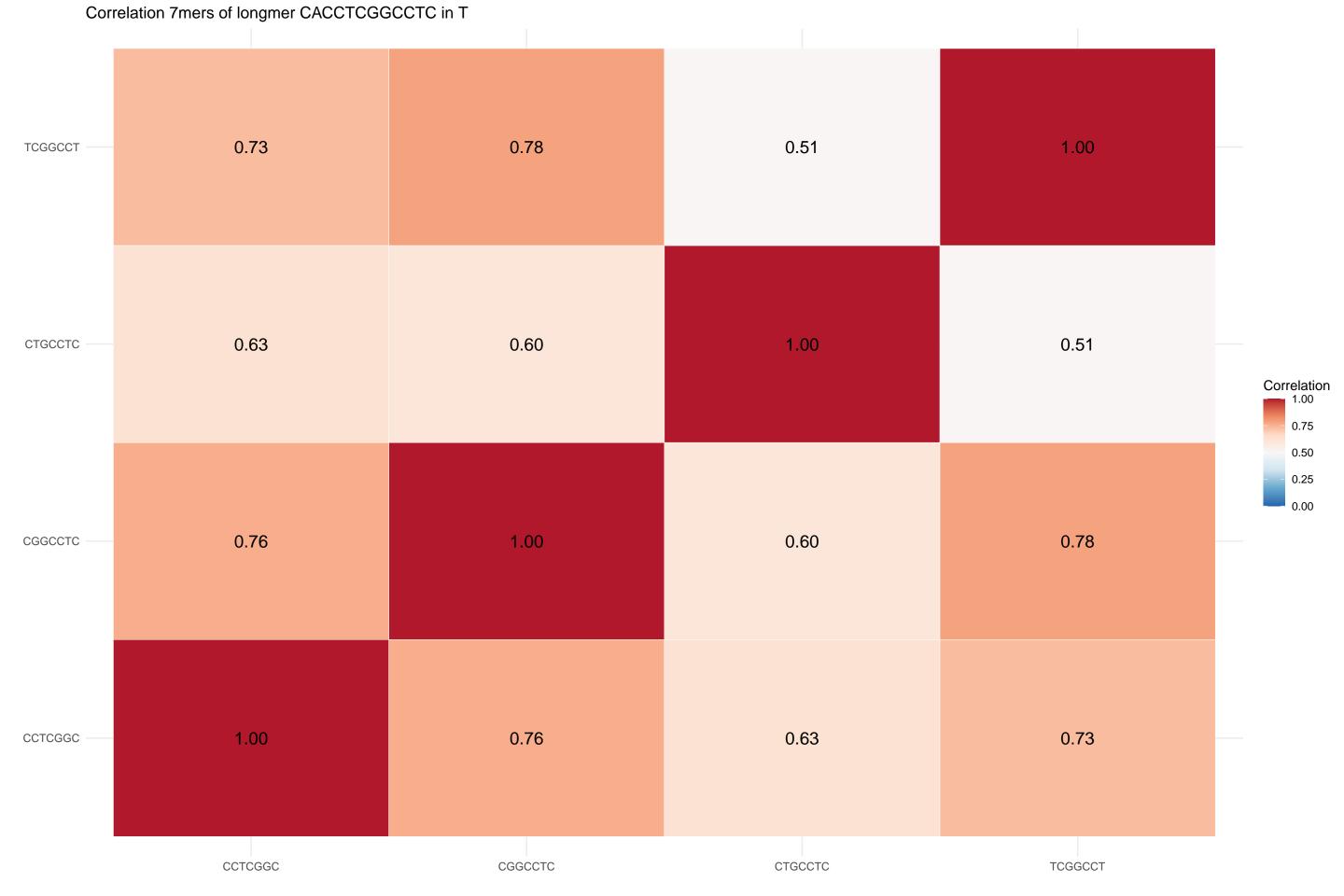


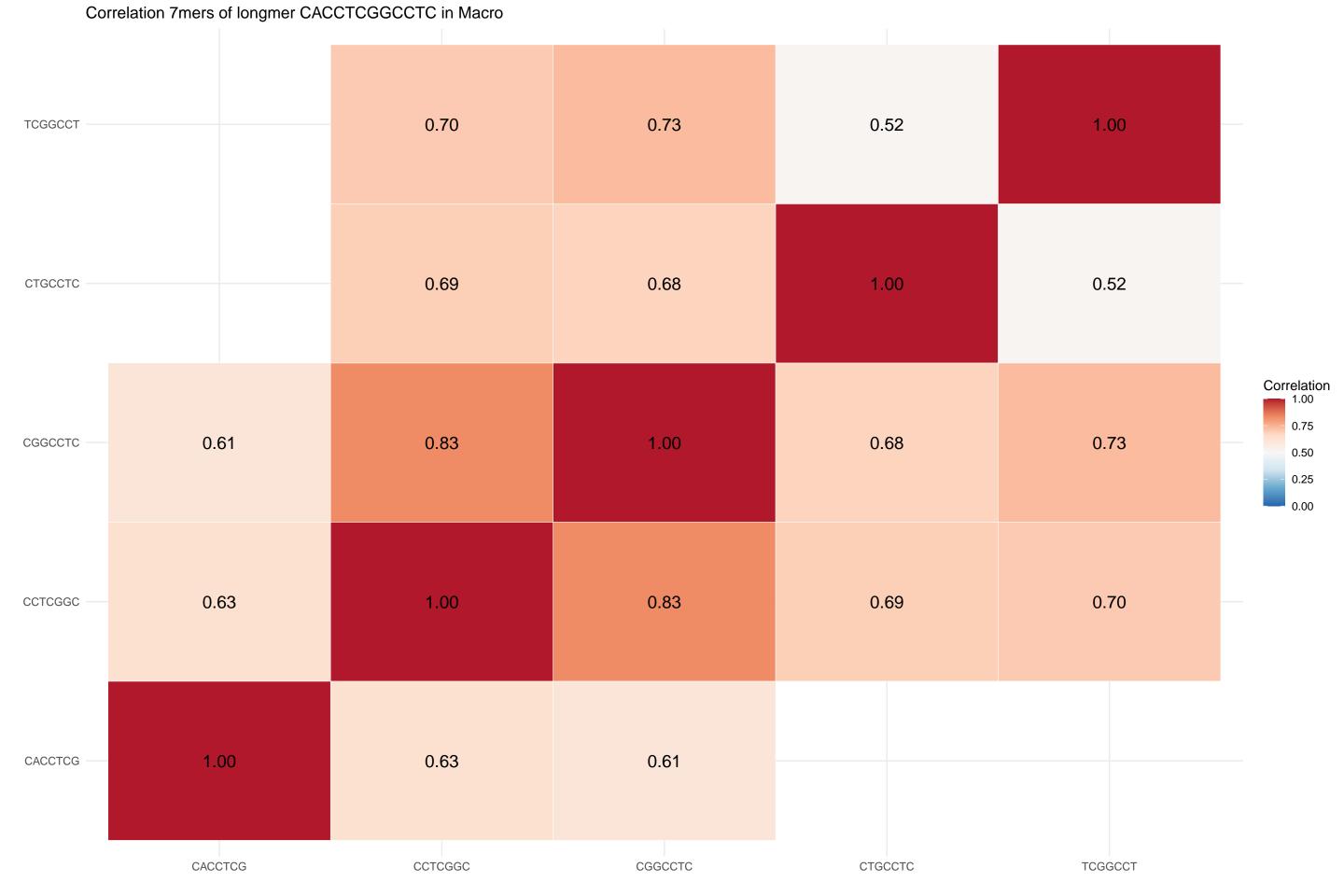


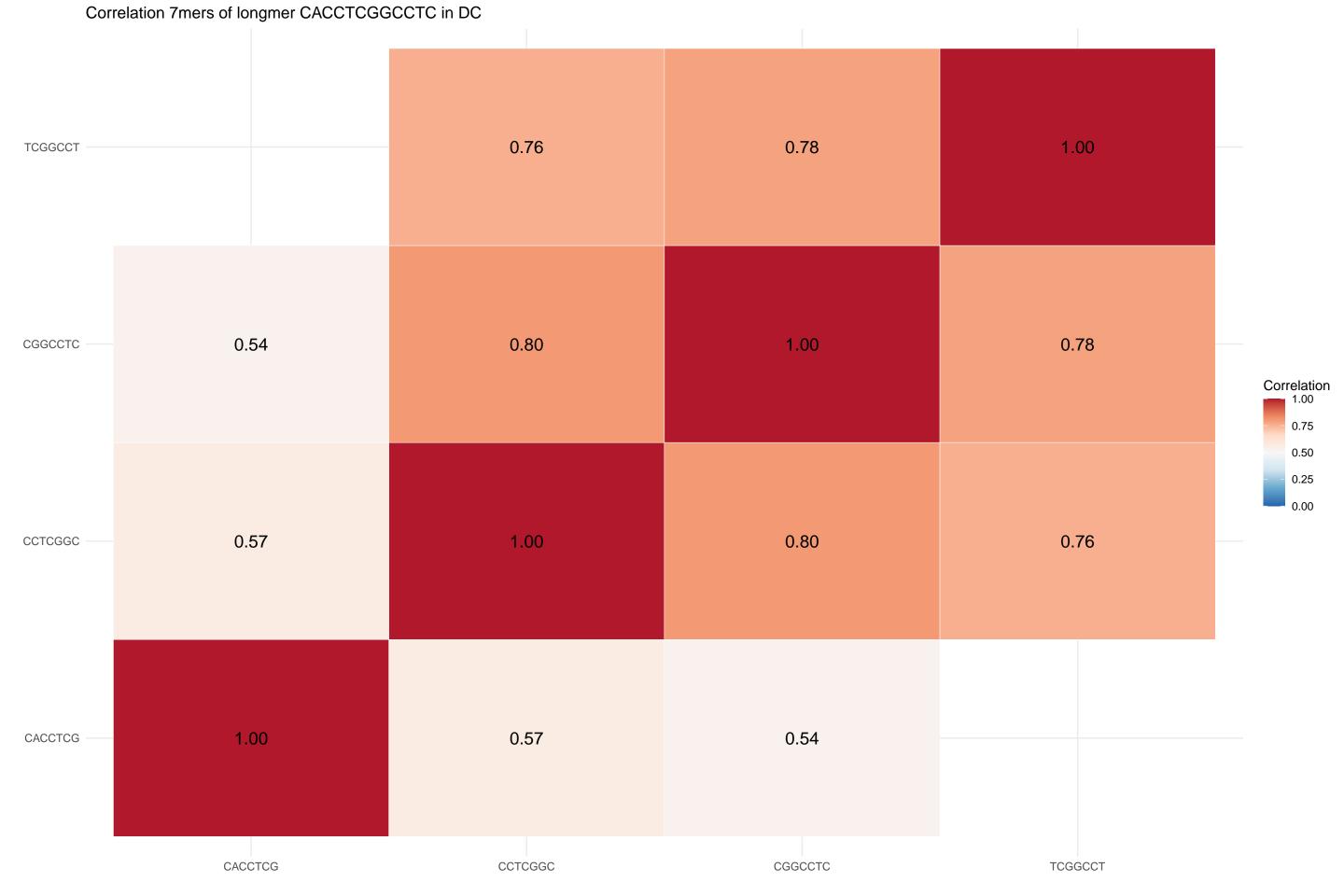


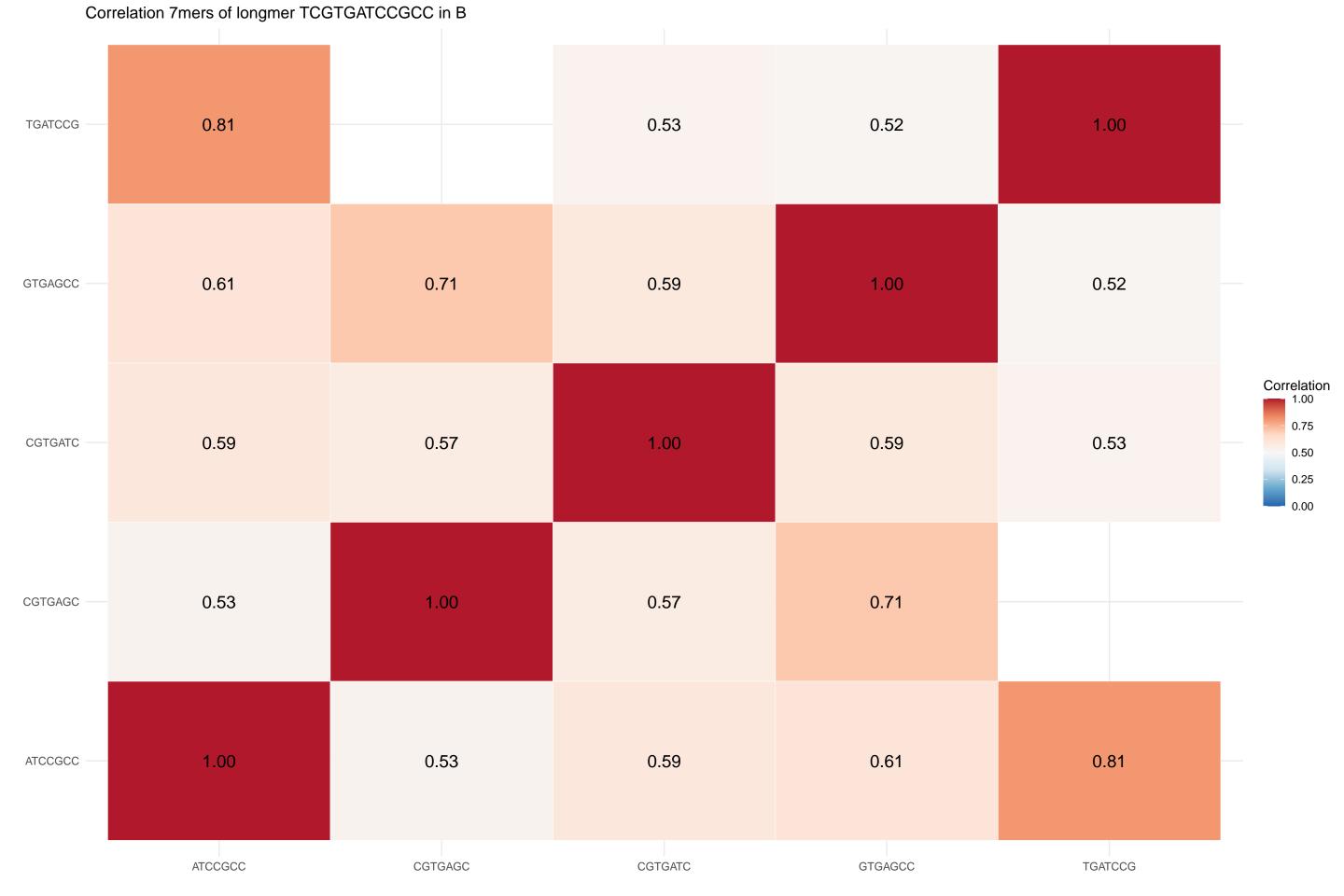


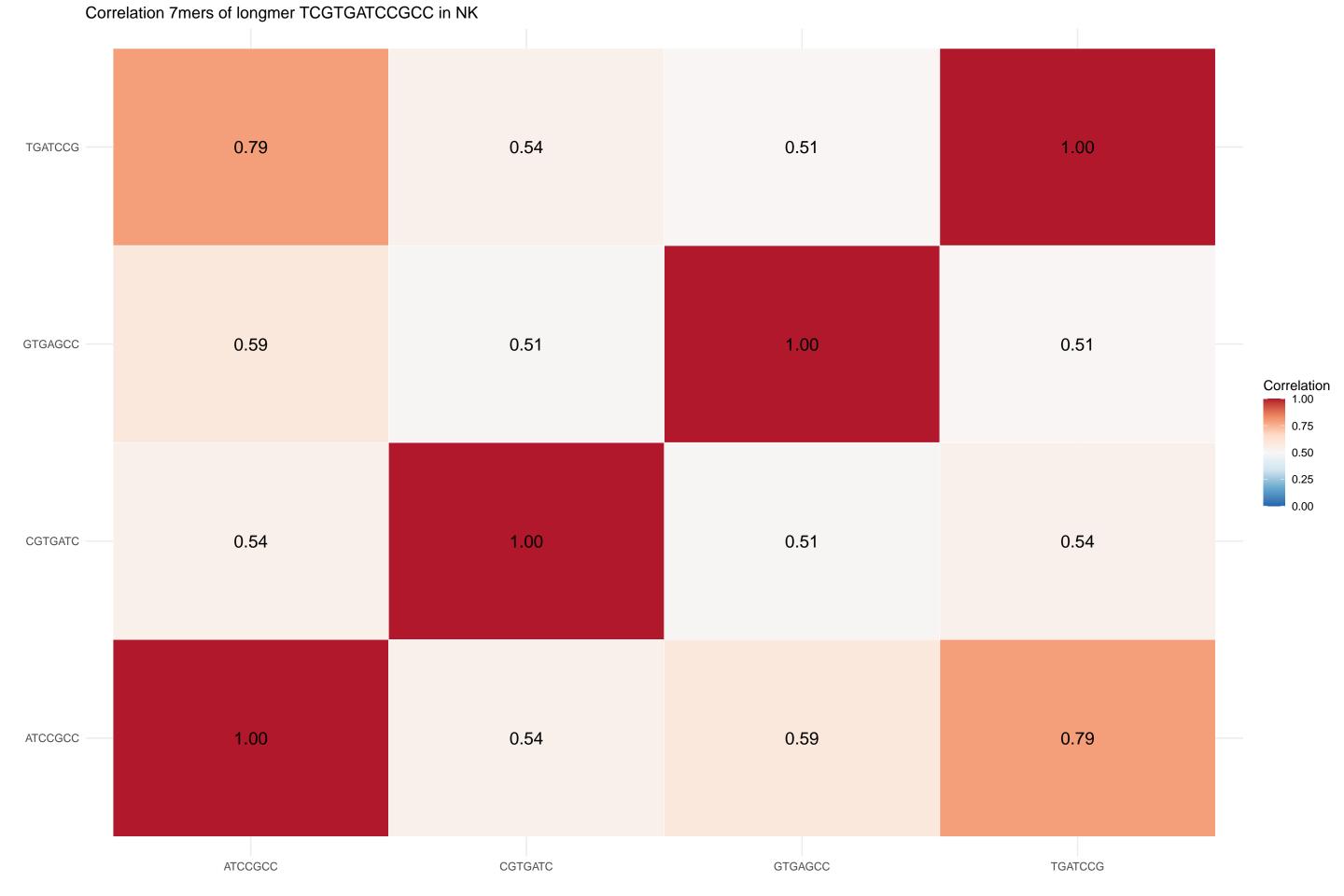






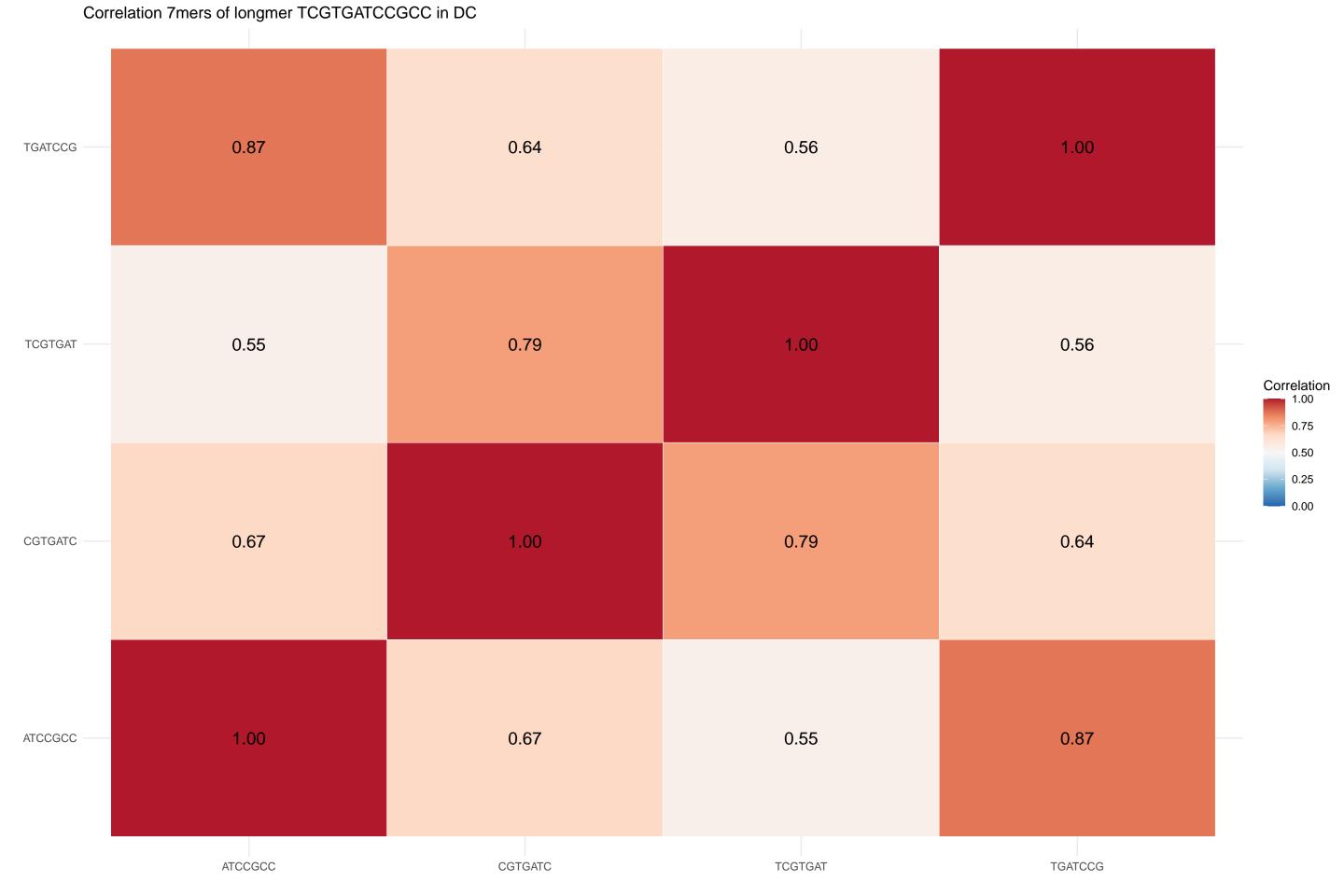






Correlation 7mers of longmer TCGTGATCCGCC in Macro





Correlation 7mers of longmer TTACAGGCGTGAGCC in Mono

TTACAGG —	0.80	0.76	0.75	0.75	0.71	0.76	0.73	0.79	0.72	1.00	_
TCACTGC —	0.73	0.69	0.69	0.69	0.66	0.70	0.70	0.71	1.00	0.72	
TAGCTGG —	0.78	0.76	0.75	0.76	0.70	0.78	0.76	1.00	0.71	0.79	
GTGAGCC —	0.78	0.77	0.79	0.76	0.76	0.81	1.00	0.76	0.70	0.73	
GGCGTGA —	0.86	0.86	0.85	0.74	0.81	1.00	0.81	0.78	0.70	0.76	Correlation 1.00 0.75
CGTGAGC —	0.81	0.83	0.80	0.66	1.00	0.81	0.76	0.70	0.66	0.71	0.50 0.25 0.00
CCTGACC —	0.76	0.72	0.72	1.00	0.66	0.74	0.76	0.76	0.69	0.75	
CAGGCGT —	0.89	0.93	1.00	0.72	0.80	0.85	0.79	0.75	0.69	0.75	
AGGCGTG —	0.88	1.00	0.93	0.72	0.83	0.86	0.77	0.76	0.69	0.76	
ACAGGCG —	1.00	0.88	0.89	0.76	0.81	0.86	0.78	0.78	0.73	0.80	
'	ACAGGCG	AGGCGTG	CAGGCGT	CCTGACC	CGTGAGC	GGCGTGA	GTGAGCC	TAGCTGG	TCACTGC	TTACAGG	

Correlation 7mers of longmer TTACAGGCGTGAGCC in Macro

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TTACAGG —	0.86	0.82	0.83	0.84	0.77	0.84	0.83	0.85	1.00	
TAGCTGG —	0.86	0.83	0.83	0.84	0.77	0.86	0.86	1.00	0.85	
GTGAGCC —	0.89	0.86	0.87	0.87	0.82	0.89	1.00	0.86	0.83	
ggcgtga —	0.92	0.92	0.90	0.84	0.85	1.00	0.89	0.86	0.84	Correlation
CGTGAGC —	0.85	0.85	0.84	0.76	1.00	0.85	0.82	0.77	0.77	1.00 0.75 0.50
CCTGACC —	0.87	0.82	0.84	1.00	0.76	0.84	0.87	0.84	0.84	0.00
CAGGCGT —	0.94	0.96	1.00	0.84	0.84	0.90	0.87	0.83	0.83	
AGGCGTG —	0.92	1.00	0.96	0.82	0.85	0.92	0.86	0.83	0.82	
ACAGGCG —	1.00	0.92	0.94	0.87	0.85	0.92	0.89	0.86	0.86	
	ACAGGCG	AGGCGTG	CAGGCGT	CCTGACC	CGTGAGC	GGCGTGA	GTGAGCC	TAGCTGG	TTACAGG	

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TTCATAC —	0.61	0.60	0.62	0.60	0.58	0.55	0.64	0.54	0.54	0.52	1.00	_
TTACAGG —	0.86	0.84	0.84	0.83	0.80	0.83	0.83	0.85	0.82	1.00	0.52	
TCACTGC —	0.82	0.80	0.80	0.80	0.78	0.82	0.82	0.82	1.00	0.82	0.54	
TAGCTGG —	0.84	0.84	0.83	0.82	0.80	0.84	0.85	1.00	0.82	0.85	0.54	
GTGAGCC —	0.89	0.89	0.89	0.86	0.87	0.88	1.00	0.85	0.82	0.83	0.64	
GGCGTGA —	0.90	0.91	0.89	0.83	0.92	1.00	0.88	0.84	0.82	0.83	0.55	
GCGTGAG —	0.91	0.91	0.90	0.82	1.00	0.92	0.87	0.80	0.78	0.80	0.58	
CCTGACC —	0.85	0.83	0.83	1.00	0.82	0.83	0.86	0.82	0.80	0.83	0.60	
CAGGCGT —	0.94	0.97	1.00	0.83	0.90	0.89	0.89	0.83	0.80	0.84	0.62	
AGGCGTG —	0.93	1.00	0.97	0.83	0.91	0.91	0.89	0.84	0.80	0.84	0.60	
ACAGGCG —	1.00	0.93	0.94	0.85	0.91	0.90	0.89	0.84	0.82	0.86	0.61	
	ACAGGCG	AGGCGTG	CAGGCGT	CCTGACC	GCGTGAG	GGCGTGA	GTGAGCC	TAGCTGG	TCACTGC	TTACAGG	TTCATAC	

Correlation
1.00
0.75
0.50
0.25
0.00

TACTGGA

TCATACT

TTCATAC

ATACTGG

CATACTG

GATCACG