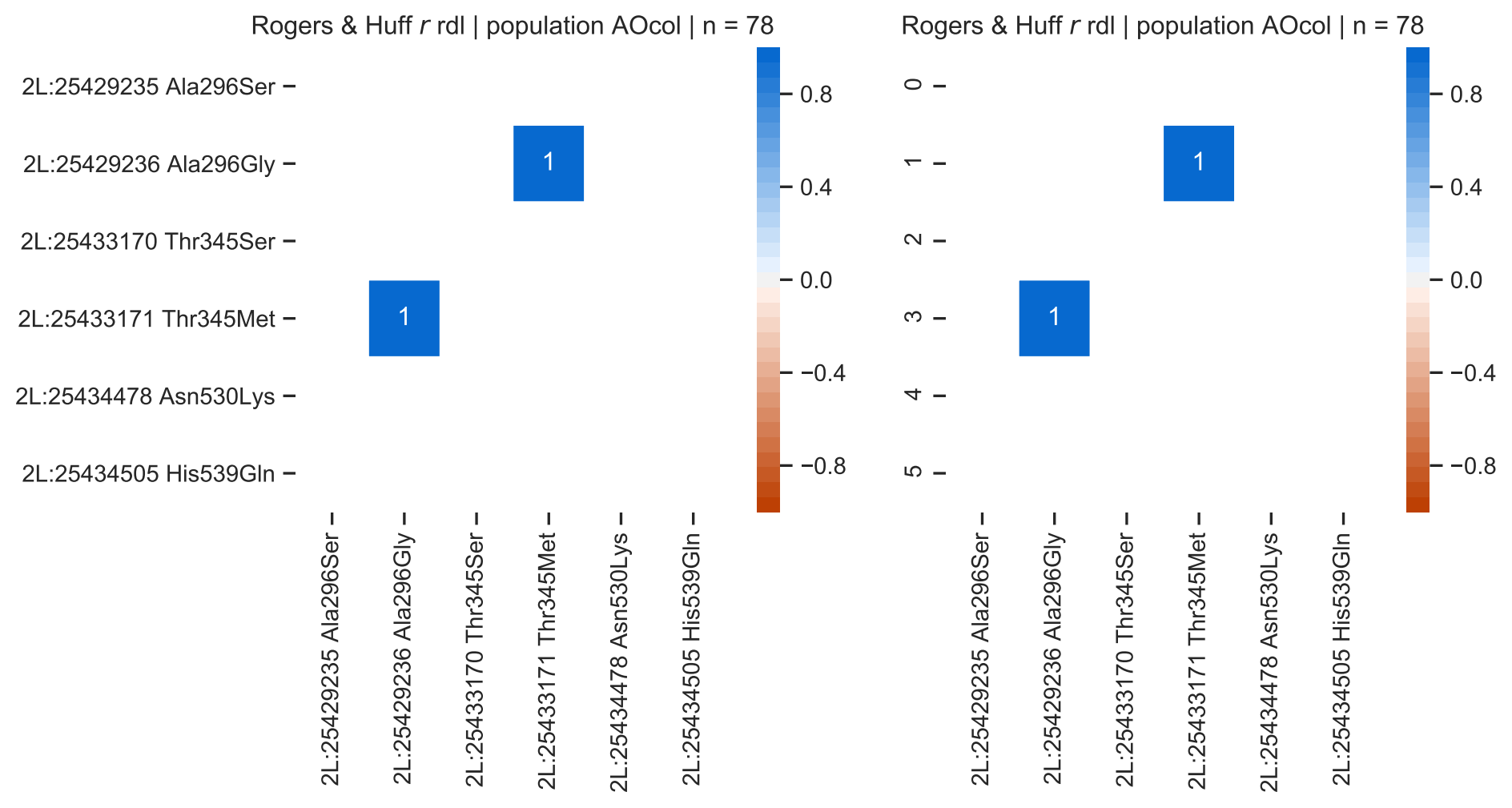
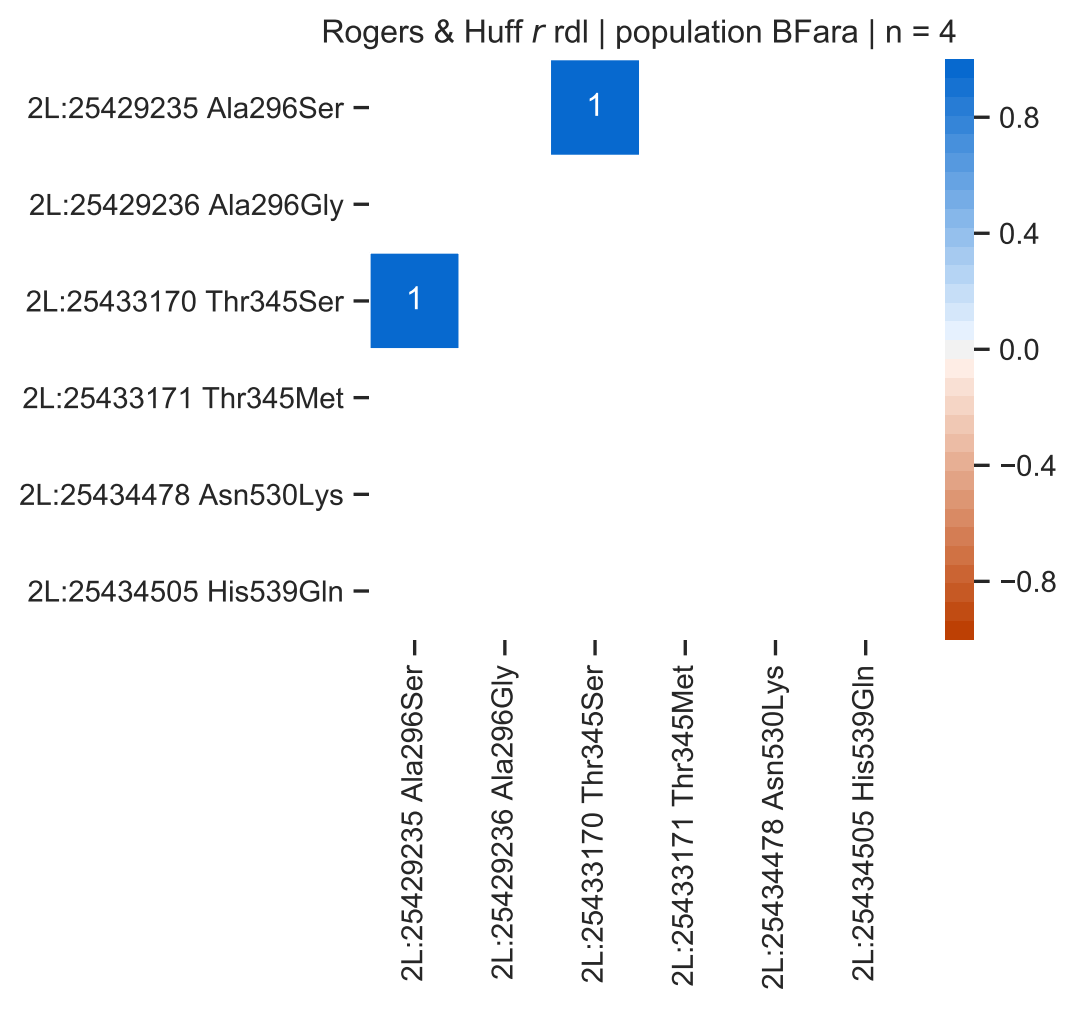
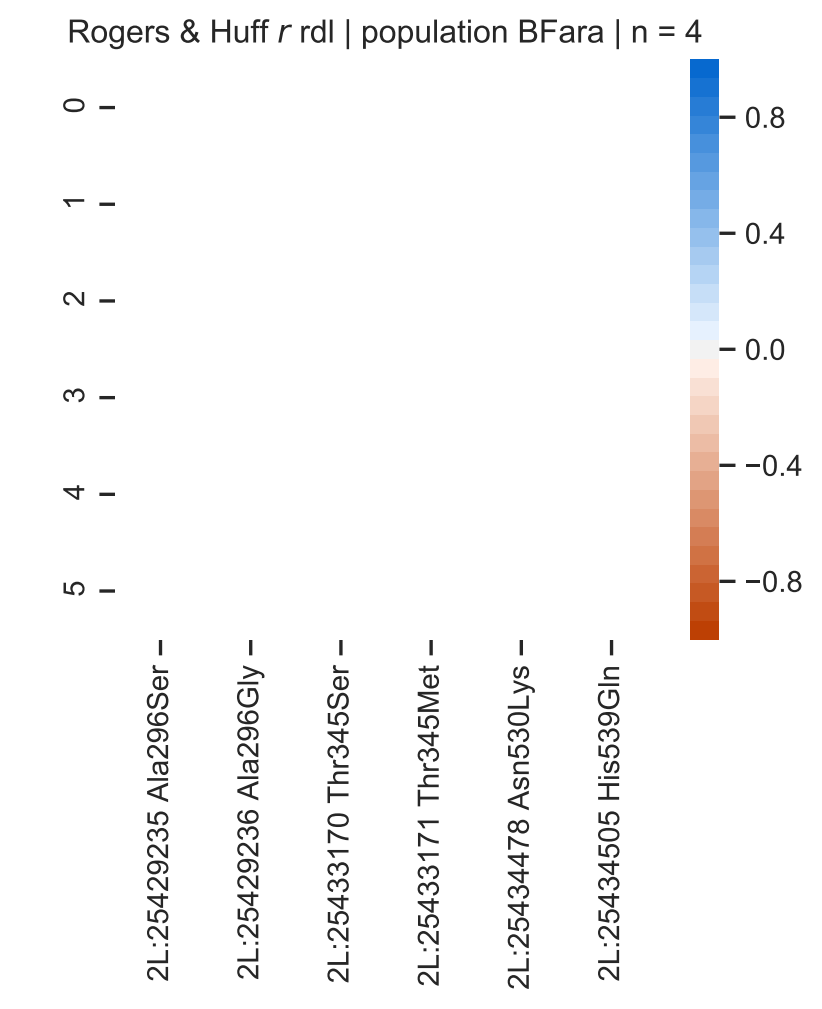
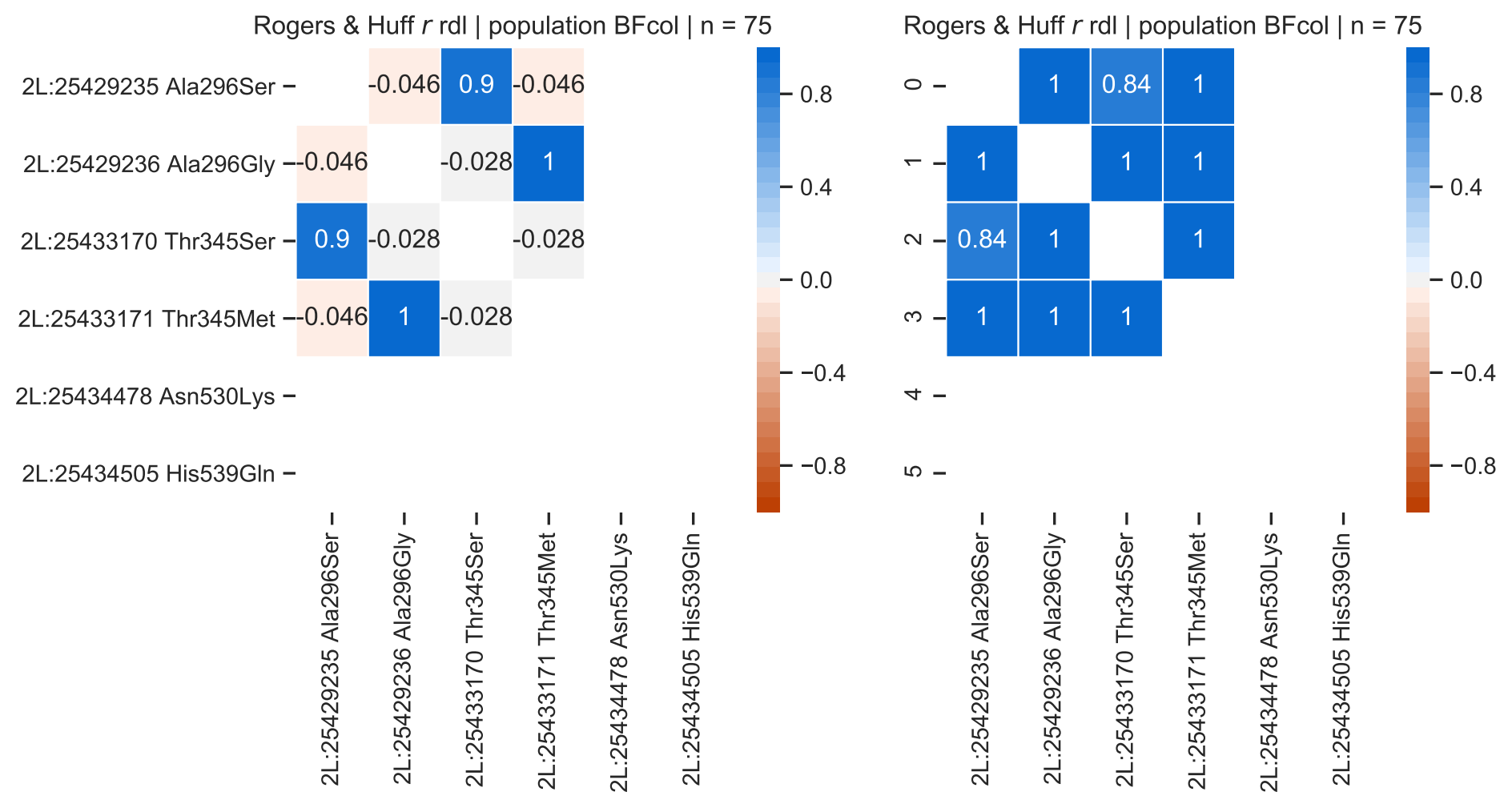
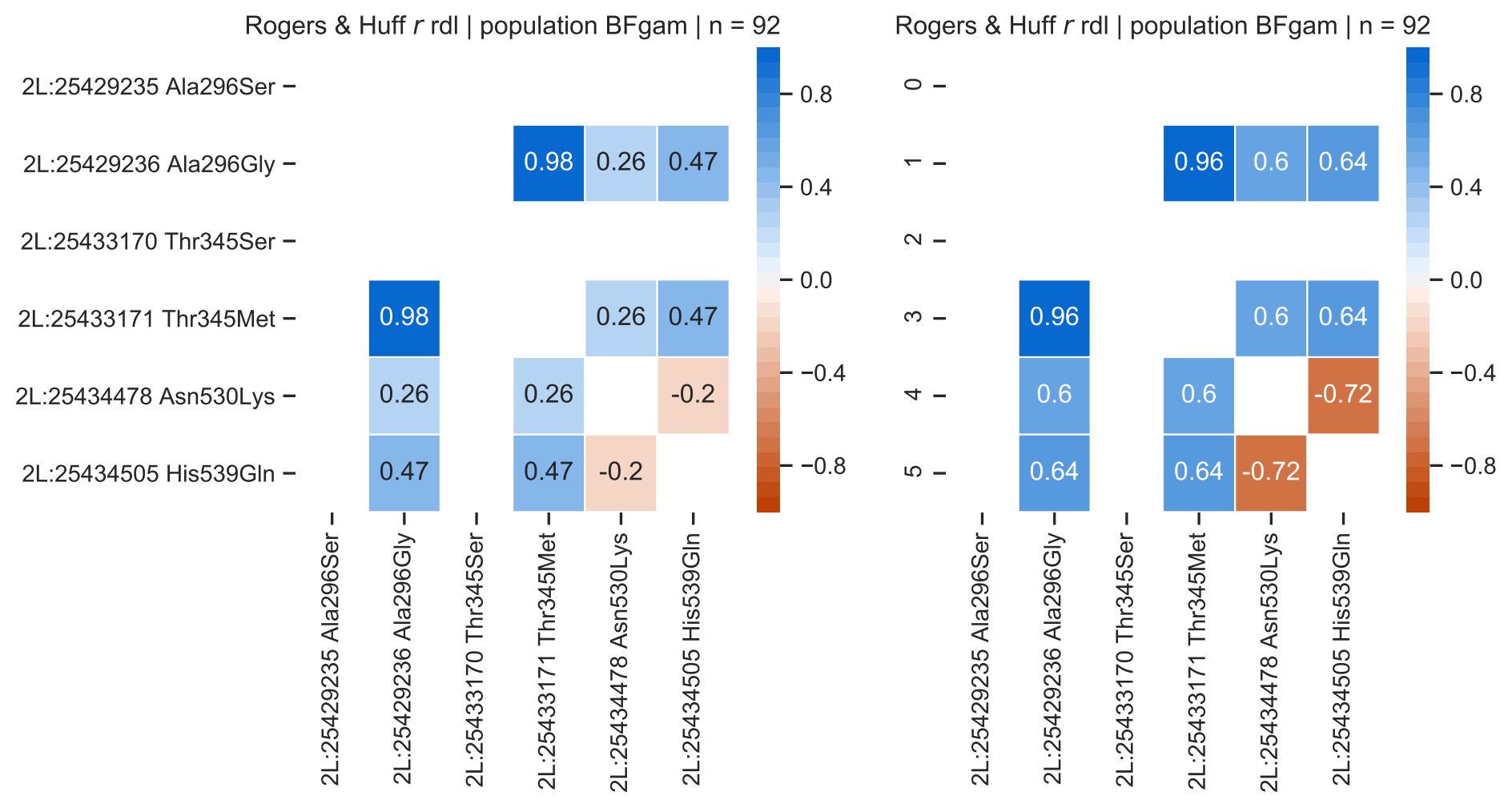
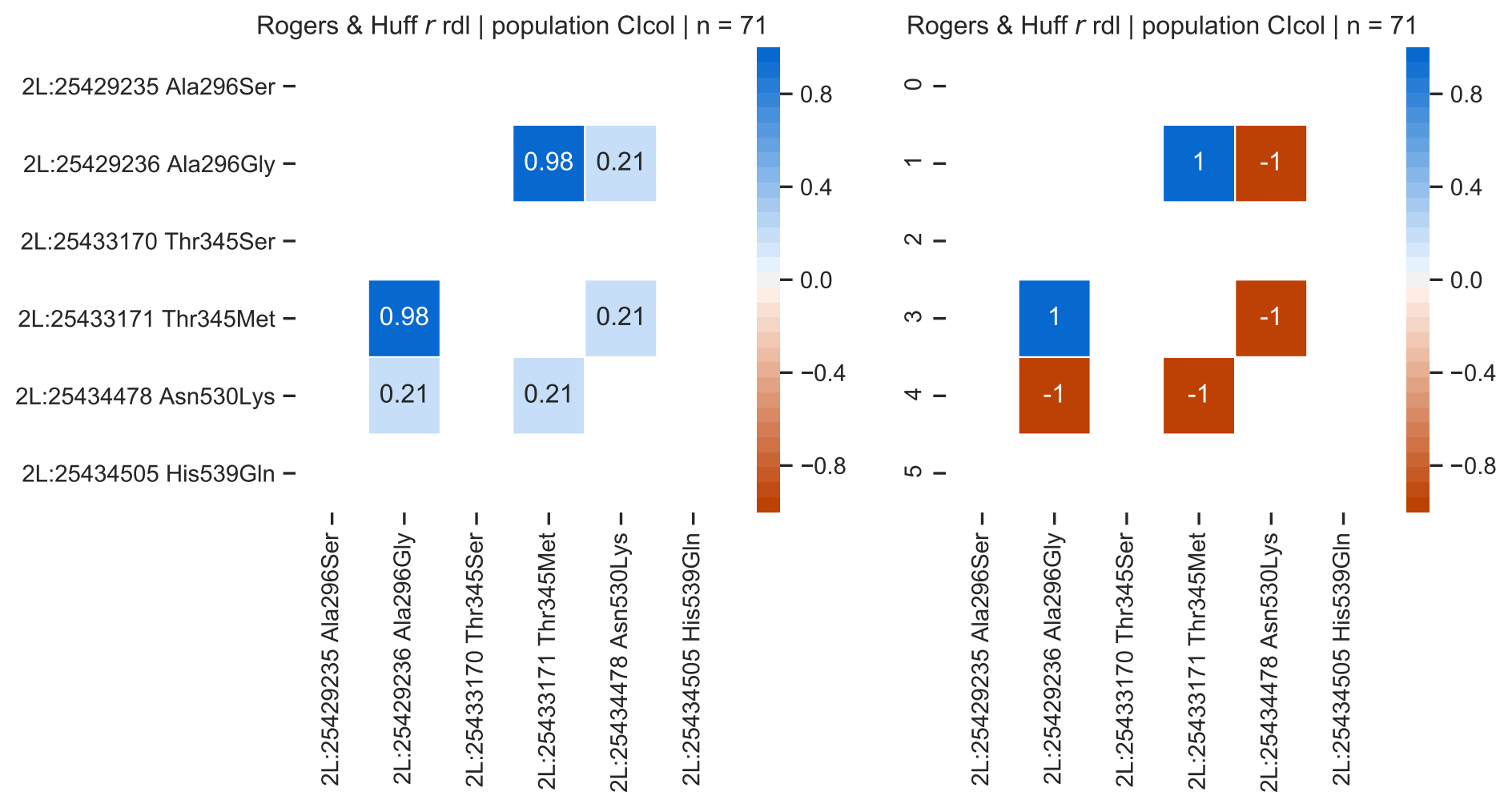

Rogers & Huff r rdl | population AOcol | n = 78
2L:25429235 Ala296Ser
2L:25429236 Ala296Gly
2L:25433170 Thr345Ser
2L:25433171 Thr345Met
2L:25434478 Asn530Lys
2L:25434505 His539Gln
1
1
0.8
0.4
0.0
−0.4
−0.8
Rogers & Huff r rdl | population AOcol | n = 78
0
1
2
3
4
5
1
1
0.8
0.4
0.0
−0.4
−0.8
2L:25429235 Ala296Ser
2L:25429236 Ala296Gly
2L:25433170 Thr345Ser
2L:25433171 Thr345Met
2L:25434478 Asn530Lys
2L:25434505 His539Gln

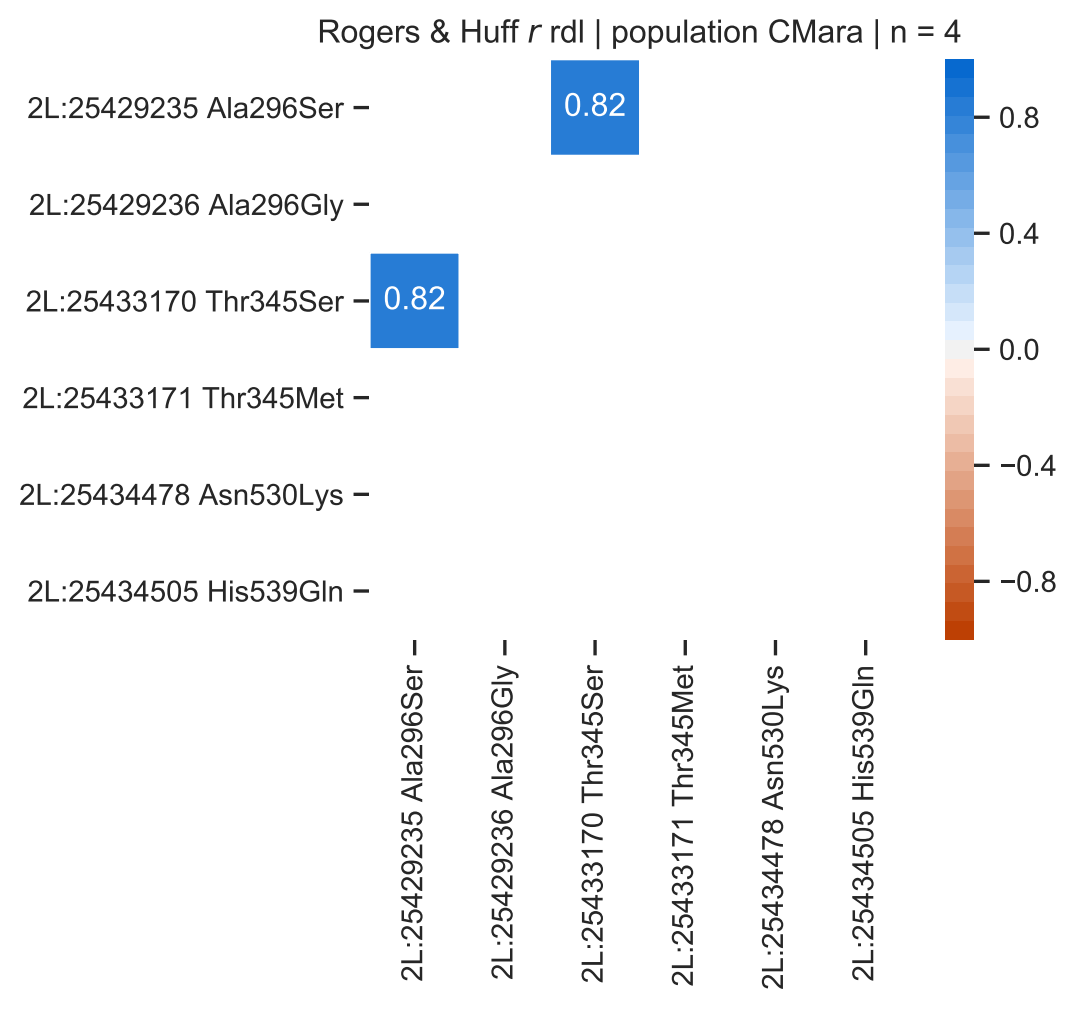

Rogers & Huff r rdl | population BFara | n = 4
2L:25429235 Ala296Ser
2L:25429236 Ala296Gly
2L:25433170 Thr345Ser
2L:25433171 Thr345Met
2L:25434478 Asn530Lys
2L:25434505 His539Gln
1
1
0.8
0.4
0.0
−0.4
−0.8
2L:25429235 Ala296Ser
2L:25429236 Ala296Gly
2L:25433170 Thr345Ser
2L:25433171 Thr345Met
2L:25434478 Asn530Lys
2L:25434505 His539Gln

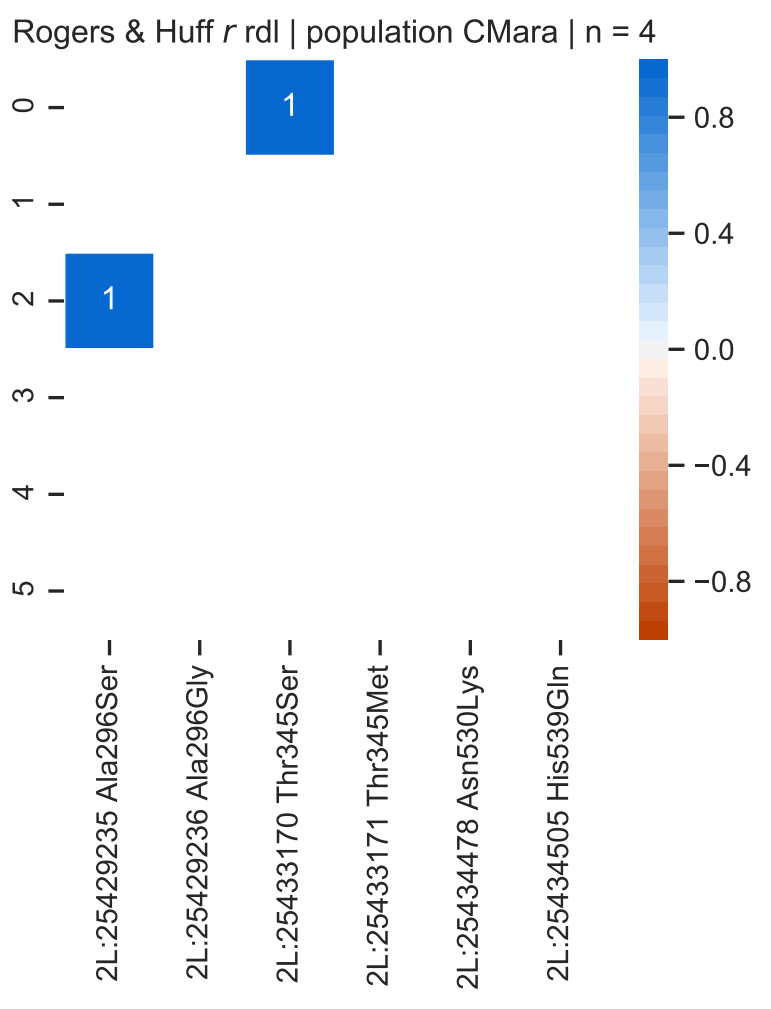

Rogers & Huff r rdl | population BFara | n = 4
0
1
2
3
4
5
0.8
0.4
0.0
−0.4
−0.8
2L:25429235 Ala296Ser
2L:25429236 Ala296Gly
2L:25433170 Thr345Ser
2L:25433171 Thr345Met
2L:25434478 Asn530Lys
2L:25434505 His539Gln

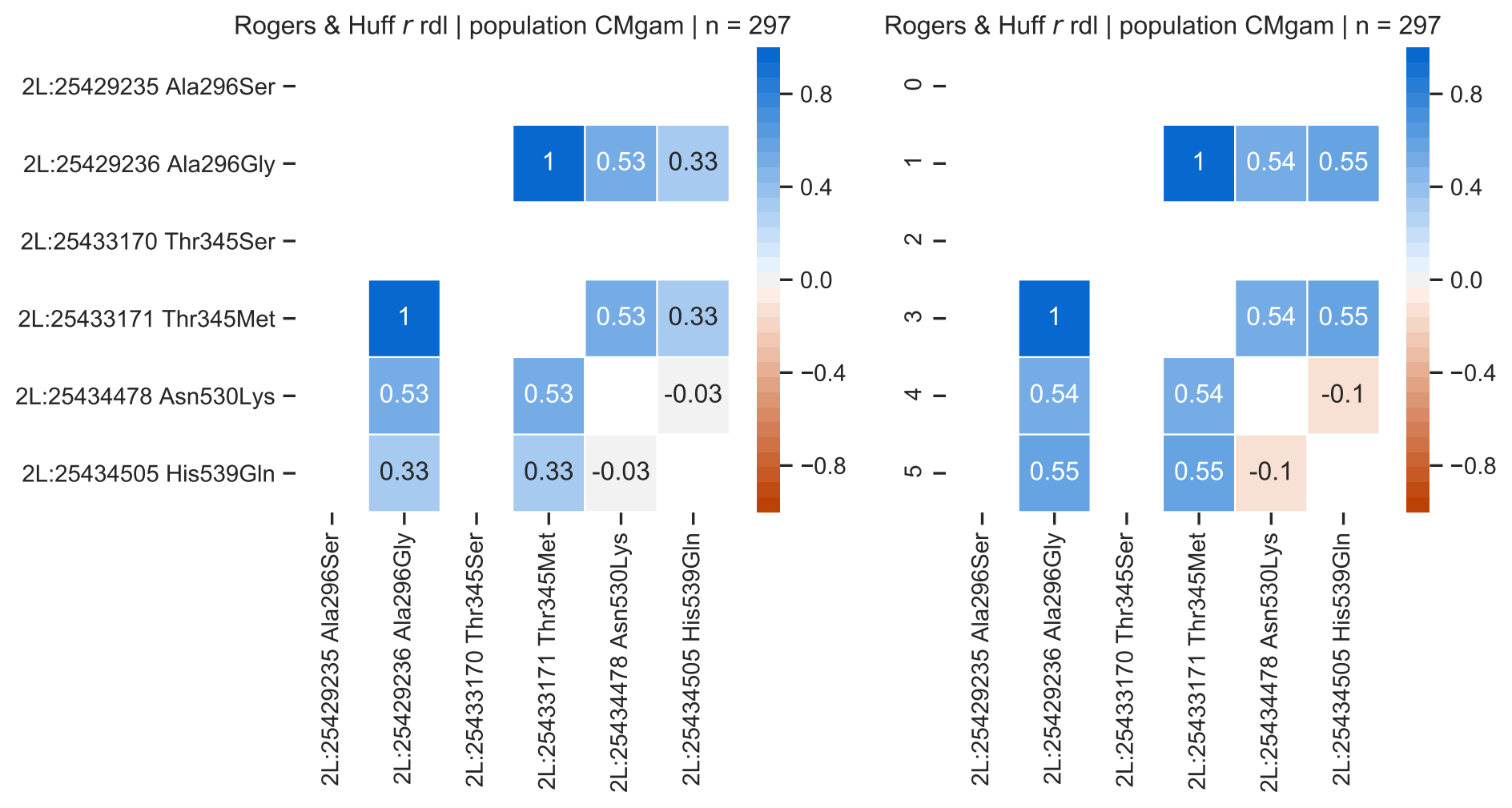

Rogers & Huff r rdl | population BFcol | n = 75
2L:25429235 Ala296Ser
2L:25429236 Ala296Gly
2L:25433170 Thr345Ser
2L:25433171 Thr345Met
2L:25434478 Asn530Lys
2L:25434505 His539Gln
-0.046
0.9
-0.046
-0.046
1
-0.028
0.9
-0.028
-0.028
-0.046
1
-0.028
0.8
0.4
0.0
−0.4
−0.8
Rogers & Huff r rdl | population BFcol | n = 75
0
1
2
3
4
5
1
0.84
1
1
1
1
0.84
1
1
1
1
1
0.8
0.4
0.0
−0.4
−0.8
2L:25429235 Ala296Ser
2L:25429236 Ala296Gly
2L:25433170 Thr345Ser
2L:25433171 Thr345Met
2L:25434478 Asn530Lys
2L:25434505 His539Gln

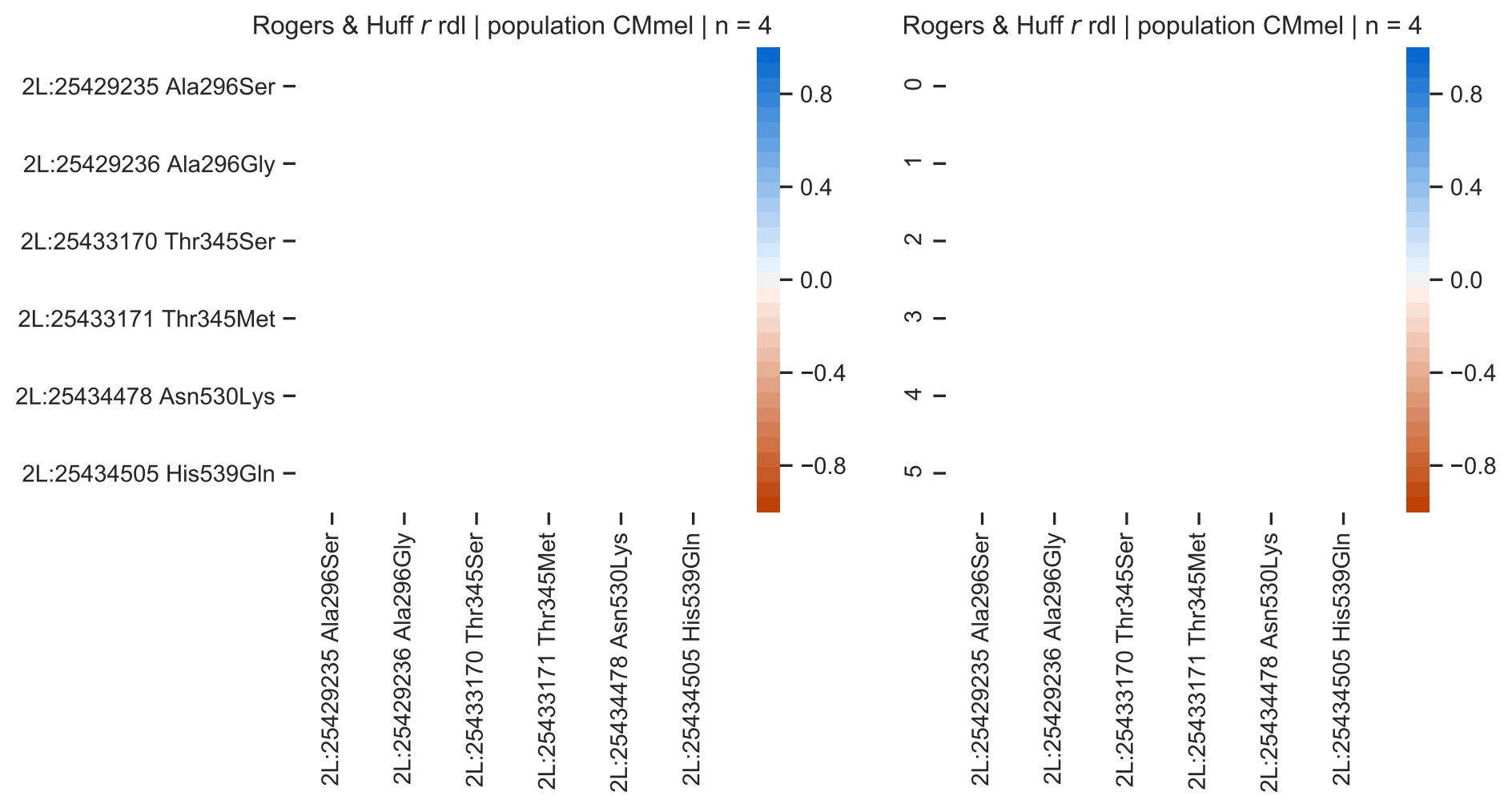

Rogers & Huff r rdl | population BFgam | n = 92
2L:25429235 Ala296Ser
2L:25429236 Ala296Gly
2L:25433170 Thr345Ser
2L:25433171 Thr345Met
2L:25434478 Asn530Lys
2L:25434505 His539Gln
0.98
0.26
0.47
0.98
0.26
0.47
0.26
0.26
-0.2
0.47
0.47
-0.2
0.8
0.4
0.0
−0.4
−0.8
Rogers & Huff r rdl | population BFgam | n = 92
0
1
2
3
4
5
0.96
0.6
0.64
0.96
0.6
0.64
0.6
0.6
-0.72
0.64
0.64
-0.72
0.8
0.4
0.0
−0.4
−0.8

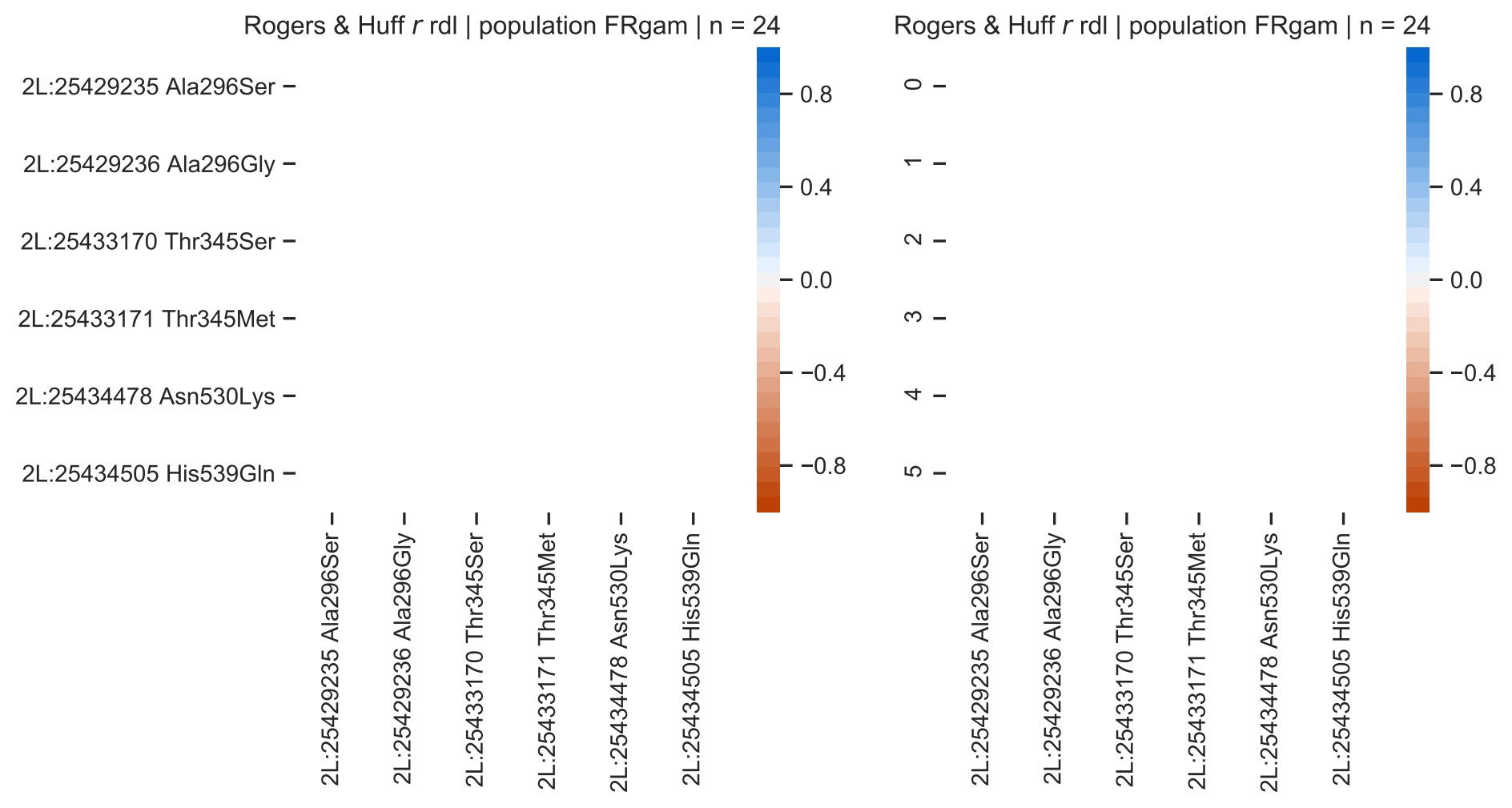

Rogers & Huff r rdl | population CIcol | n = 71
2L:25429235 Ala296Ser
2L:25429236 Ala296Gly
2L:25433170 Thr345Ser
2L:25433171 Thr345Met
2L:25434478 Asn530Lys
2L:25434505 His539Gln
0.98
0.21
0.98
0.21
0.21
0.8
0.4
0.0
−0.4
−0.8
Rogers & Huff r rdl | population CIcol | n = 71
0
1
2
3
4
5
1
-1
1
-1
-1
0.8
0.4
0.0
−0.4
−0.8

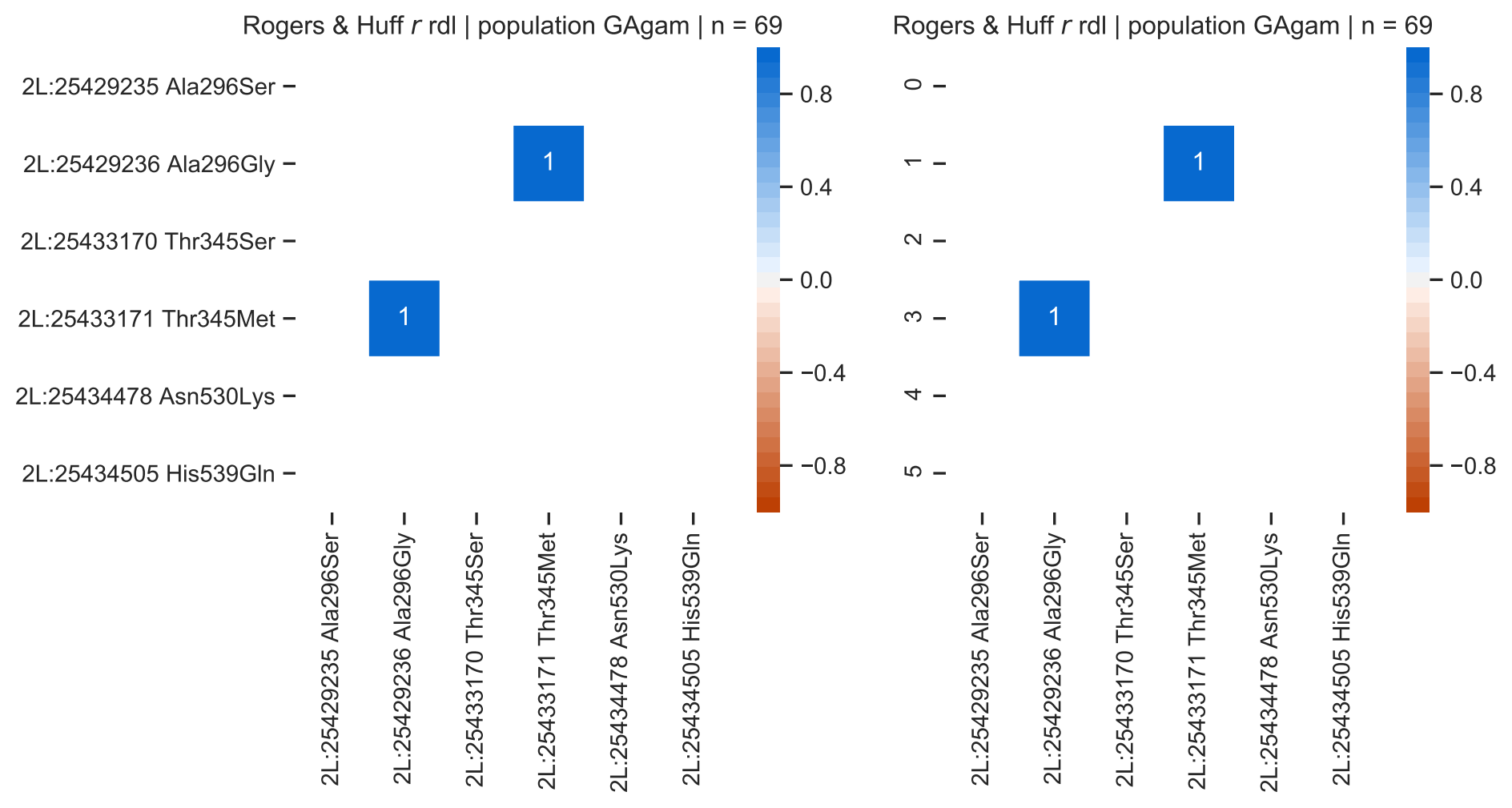

Rogers & Huff r rdl | population CMara | n = 4
2L:25429235 Ala296Ser
2L:25429236 Ala296Gly
2L:25433170 Thr345Ser
2L:25433171 Thr345Met
2L:25434478 Asn530Lys
2L:25434505 His539Gln
0.82
0.82
0.8
0.4
0.0
−0.4
−0.8

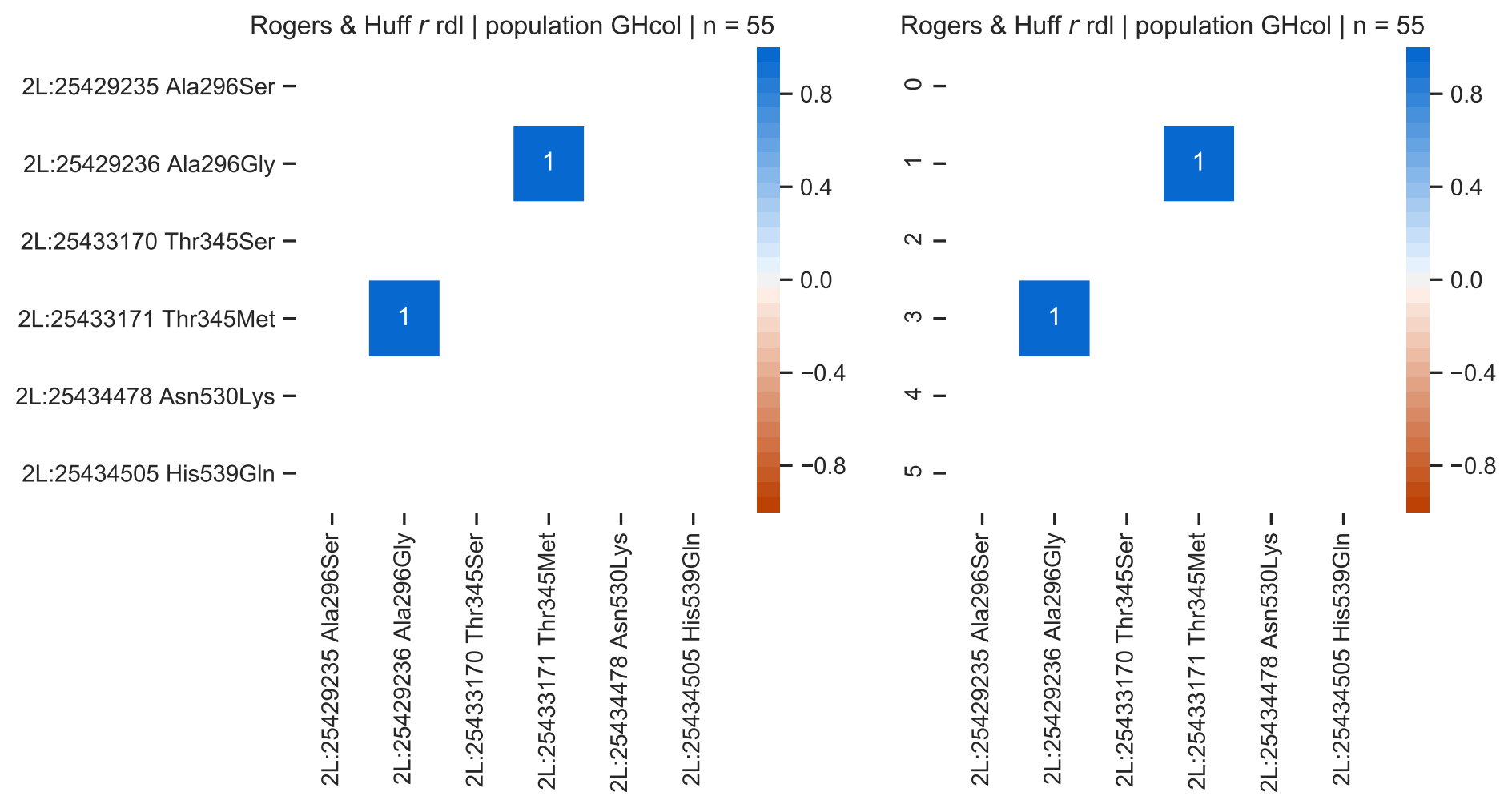

Rogers & Huff r rdl | population CMara | n = 4
0
1
2
3
4
5
1
1
0.8
0.4
0.0
−0.4
−0.8

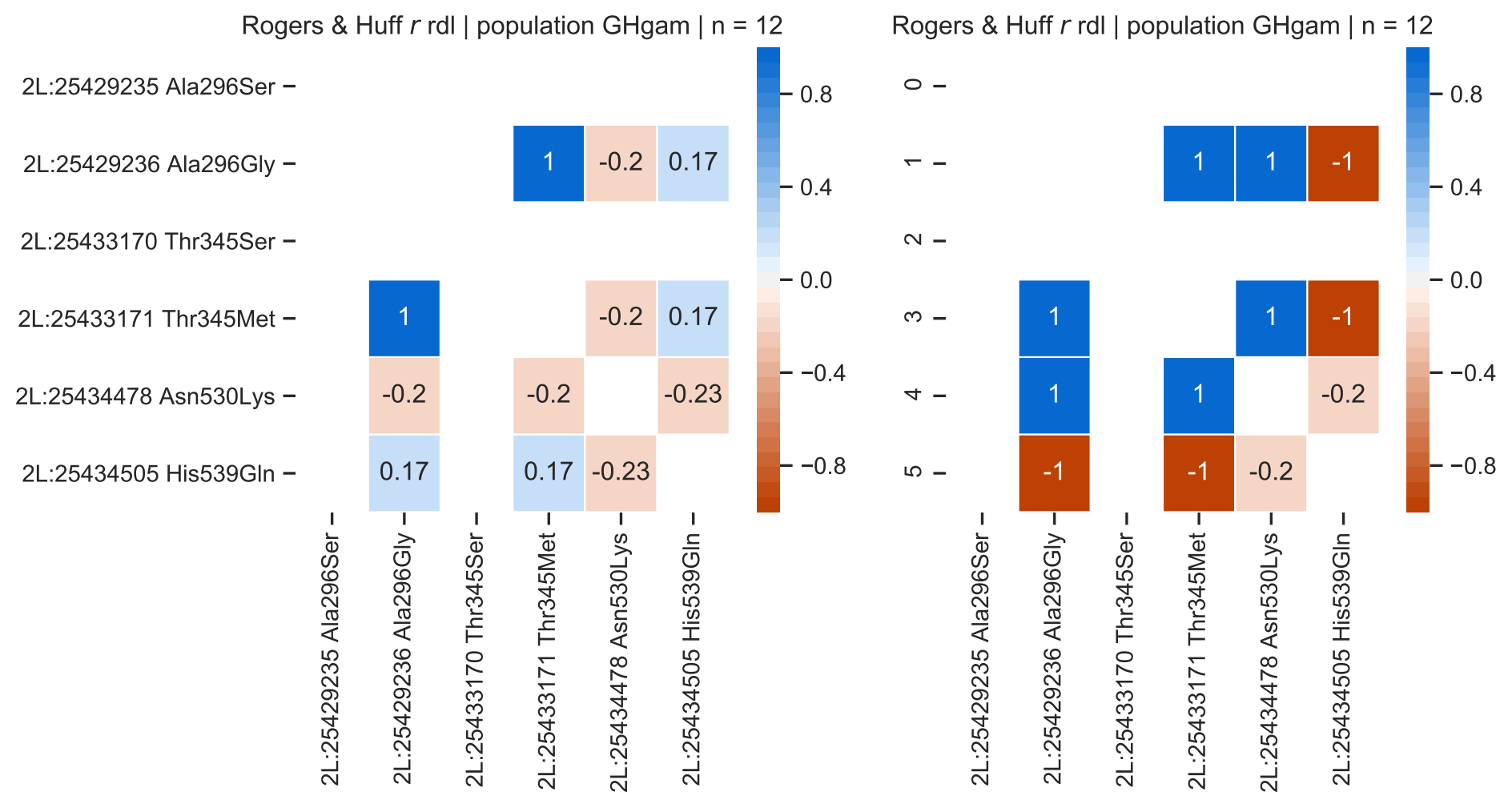

Rogers & Huff r rdl | population CMgam | n = 297
2L:25429235 Ala296Ser
2L:25429236 Ala296Gly
2L:25433170 Thr345Ser
2L:25433171 Thr345Met
2L:25434478 Asn530Lys
2L:25434505 His539Gln
1 0.53 0.33
1 0.53 0.33
0.53 0.53 -0.03
0.33 0.33 -0.03
0.8
0.4
0.0
−0.4
−0.8
Rogers & Huff r rdl | population CMgam | n = 297
0
1
2
3
4
5
1 0.54 0.55
1 0.54 0.55
0.54 0.54 -0.1
0.55 0.55 -0.1
0.8
0.4
0.0
−0.4
−0.8

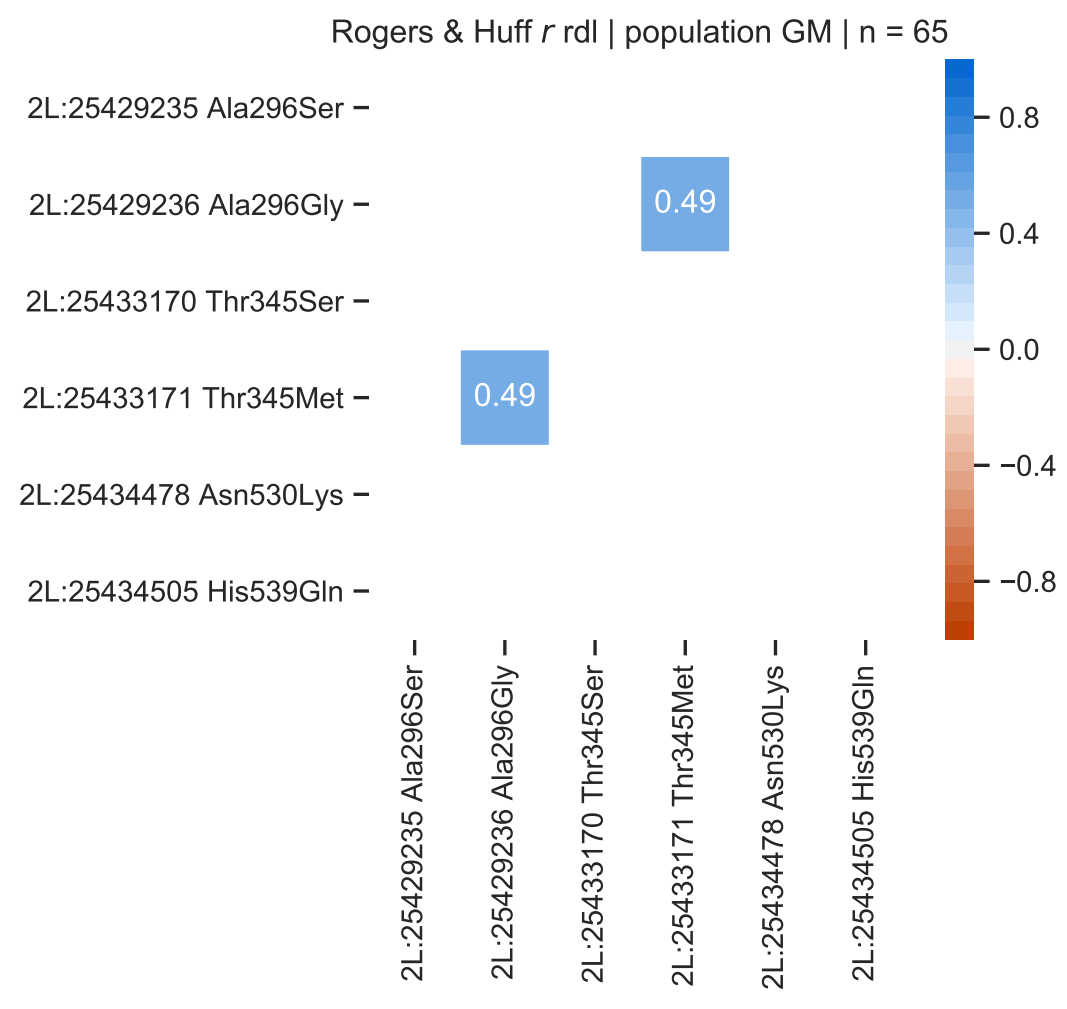

Rogers & Huff r rdl | population CMmel | n = 4
2L:25429235 Ala296Ser
2L:25429236 Ala296Gly
2L:25433170 Thr345Ser
2L:25433171 Thr345Met
2L:25434478 Asn530Lys
2L:25434505 His539Gln
0.8
0.4
0.0
−0.4
−0.8
Rogers & Huff r rdl | population CMmel | n = 4
0
1
2
3
4
5
2L:25429235 Ala296Ser
2L:25429236 Ala296Gly
2L:25433170 Thr345Ser
2L:25433171 Thr345Met
2L:25434478 Asn530Lys
2L:25434505 His539Gln
0.8
0.4
0.0
−0.4
−0.8

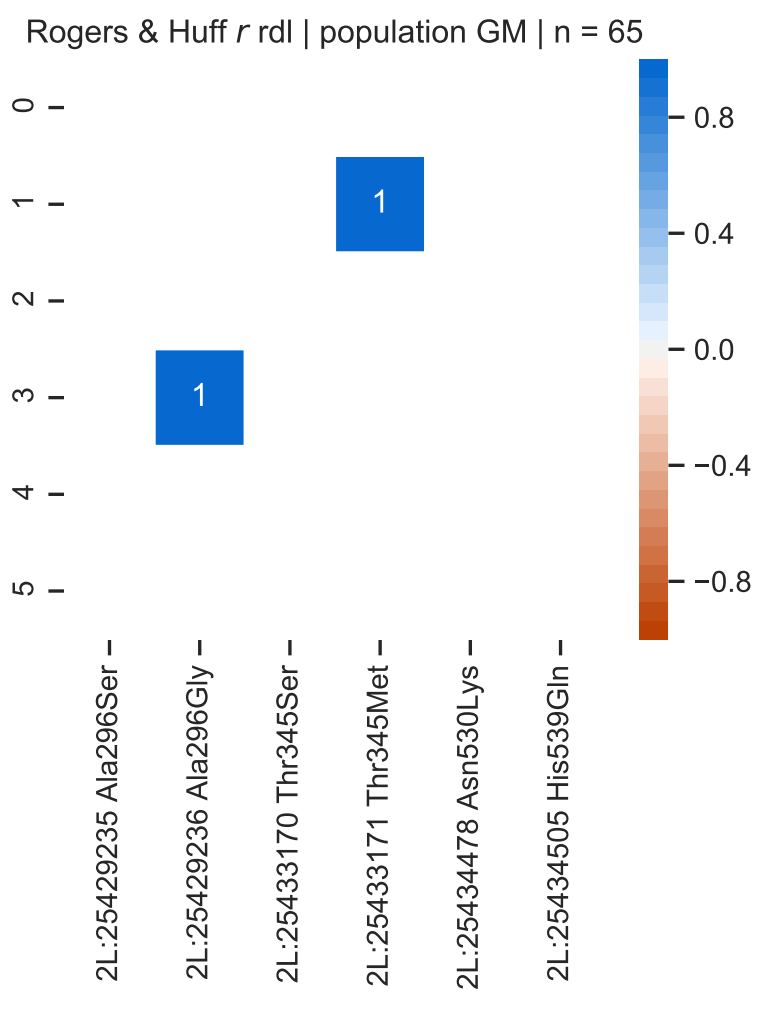

Rogers & Huff r rdl | population FRgam | n = 24
2L:25429235 Ala296Ser
2L:25429236 Ala296Gly
2L:25433170 Thr345Ser
2L:25433171 Thr345Met
2L:25434478 Asn530Lys
2L:25434505 His539Gln
0.8
0.4
0.0
−0.4
−0.8
Rogers & Huff r rdl | population FRgam | n = 24
0
1
2
3
4
5
2L:25429235 Ala296Ser
2L:25429236 Ala296Gly
2L:25433170 Thr345Ser
2L:25433171 Thr345Met
2L:25434478 Asn530Lys
2L:25434505 His539Gln
0.8
0.4
0.0
−0.4
−0.8

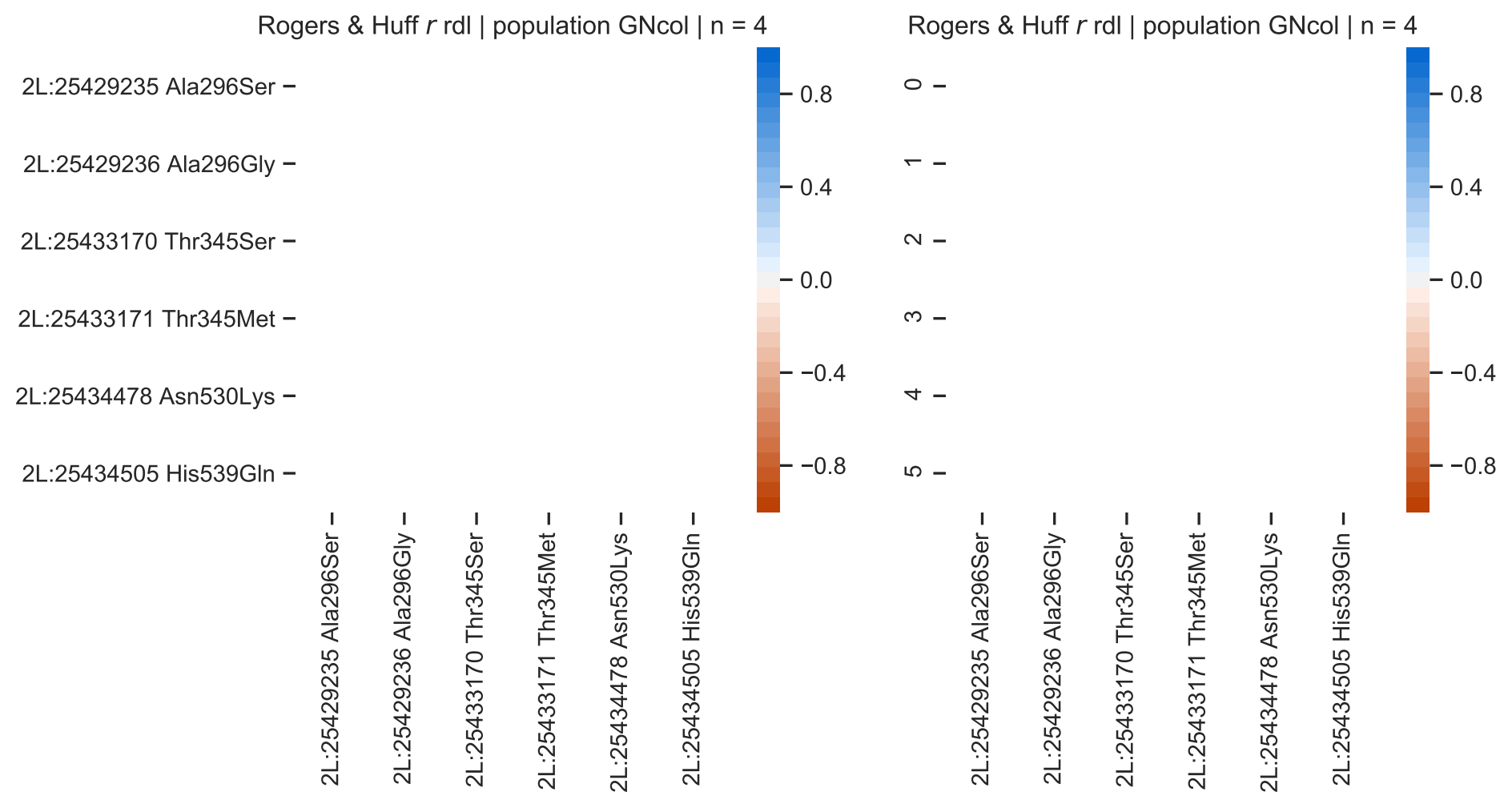

Rogers & Huff r rdl | population GAgam | n = 69
2L:25429235 Ala296Ser
2L:25429236 Ala296Gly
2L:25433170 Thr345Ser
2L:25433171 Thr345Met
2L:25434478 Asn530Lys
2L:25434505 His539Gln
1
1
0.8
0.4
0.0
−0.4
−0.8
Rogers & Huff r rdl | population GAgam | n = 69
0
1
2
3
4
5
1
1
0.8
0.4
0.0
−0.4
−0.8
2L:25429235 Ala296Ser
2L:25429236 Ala296Gly
2L:25433170 Thr345Ser
2L:25433171 Thr345Met
2L:25434478 Asn530Lys
2L:25434505 His539Gln

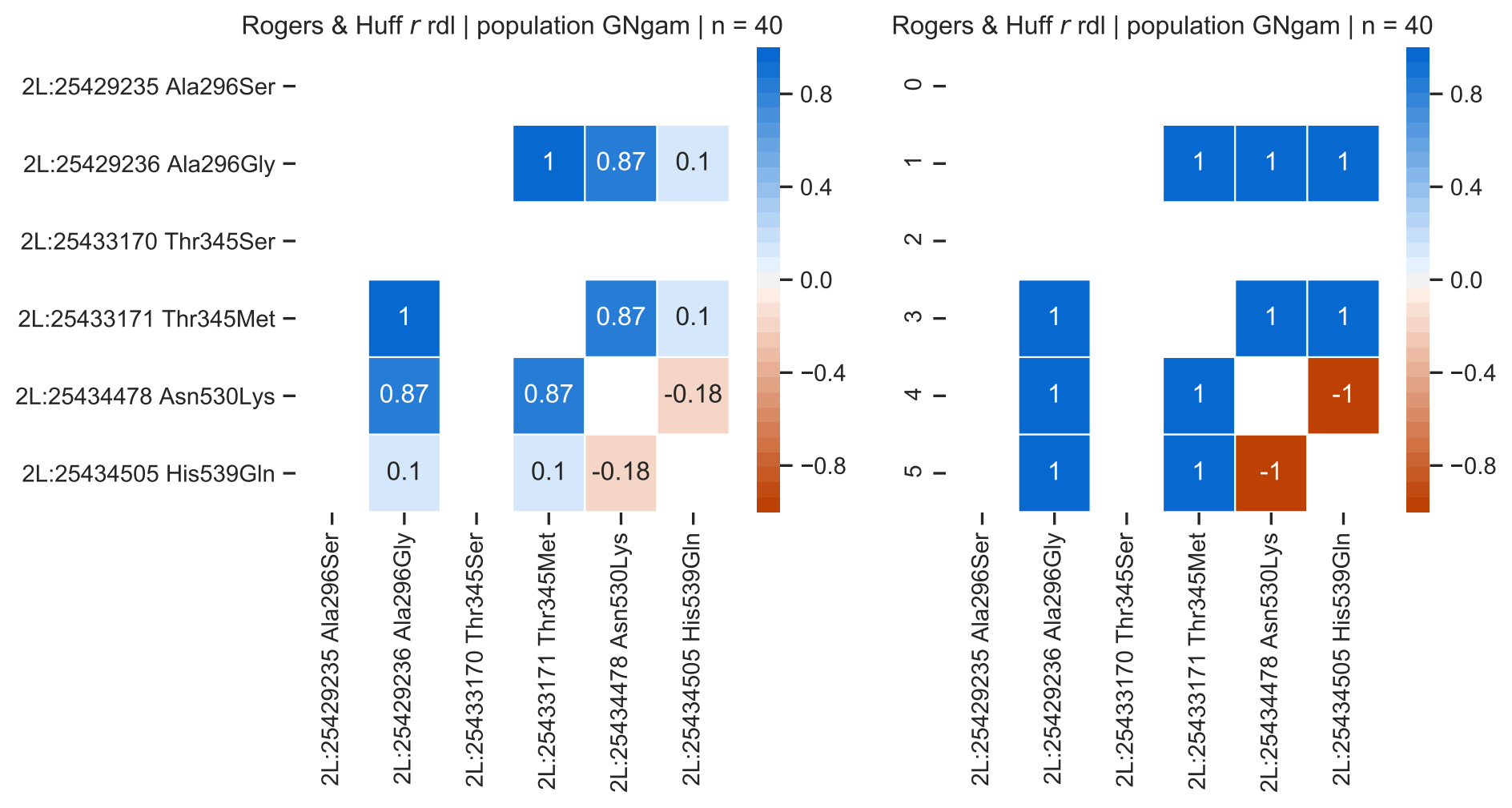

Rogers & Huff r rdl | population GHcol | n = 55
2L:25429235 Ala296Ser
2L:25429236 Ala296Gly
2L:25433170 Thr345Ser
2L:25433171 Thr345Met
2L:25434478 Asn530Lys
2L:25434505 His539Gln
1
1
0.8
0.4
0.0
−0.4
−0.8
Rogers & Huff r rdl | population GHcol | n = 55
0
1
2
3
4
5
1
1
0.8
0.4
0.0
−0.4
−0.8
2L:25429235 Ala296Ser
2L:25429236 Ala296Gly
2L:25433170 Thr345Ser
2L:25433171 Thr345Met
2L:25434478 Asn530Lys
2L:25434505 His539Gln

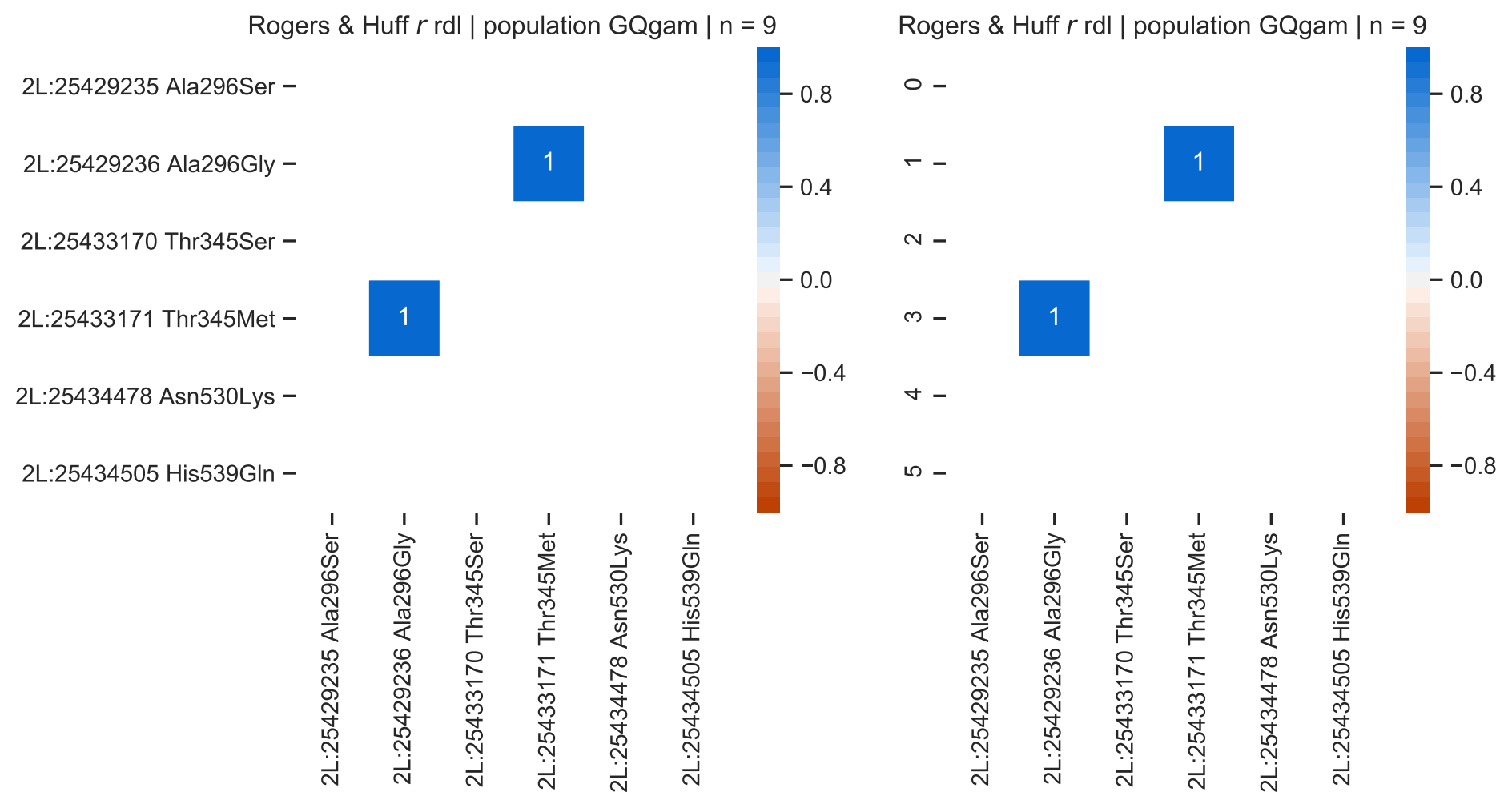

Rogers & Huff r rdl | population GHgam | n = 12
2L:25429235 Ala296Ser
2L:25429236 Ala296Gly
2L:25433170 Thr345Ser
2L:25433171 Thr345Met
2L:25434478 Asn530Lys
2L:25434505 His539Gln
1
-0.2
0.17
-0.23
0.8
0.4
0.0
−0.4
−0.8
Rogers & Huff r rdl | population GHgam | n = 12
0
1
2
3
4
5
1
-1
-0.2
0.8
0.4
0.0
−0.4
−0.8

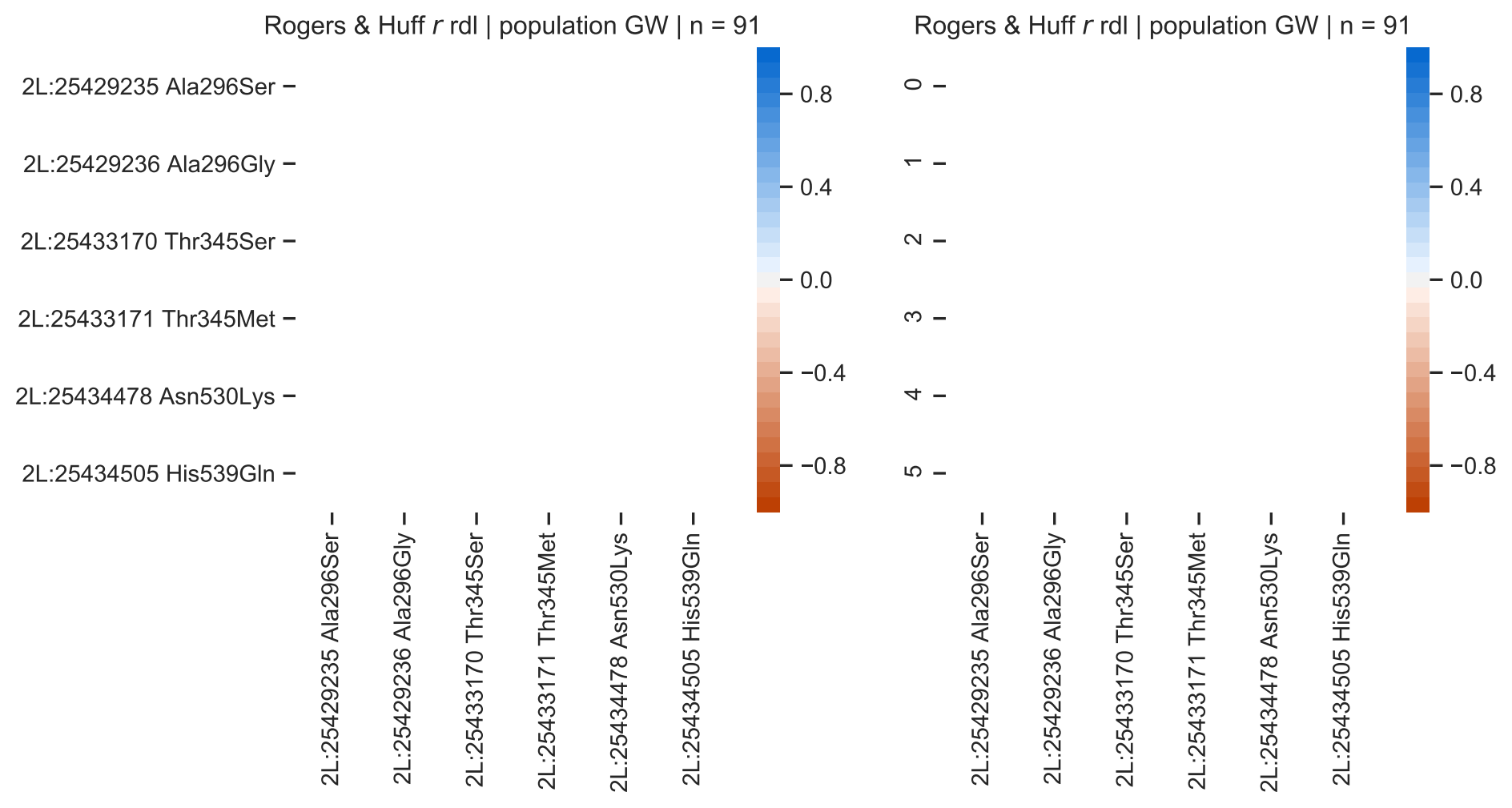

Rogers & Huff r rdl | population GM | n = 65
2L:25429235 Ala296Ser
2L:25429236 Ala296Gly
2L:25433170 Thr345Ser
2L:25433171 Thr345Met
2L:25434478 Asn530Lys
2L:25434505 His539Gln
0.49
0.49
0.8
0.4
0.0
−0.4
−0.8

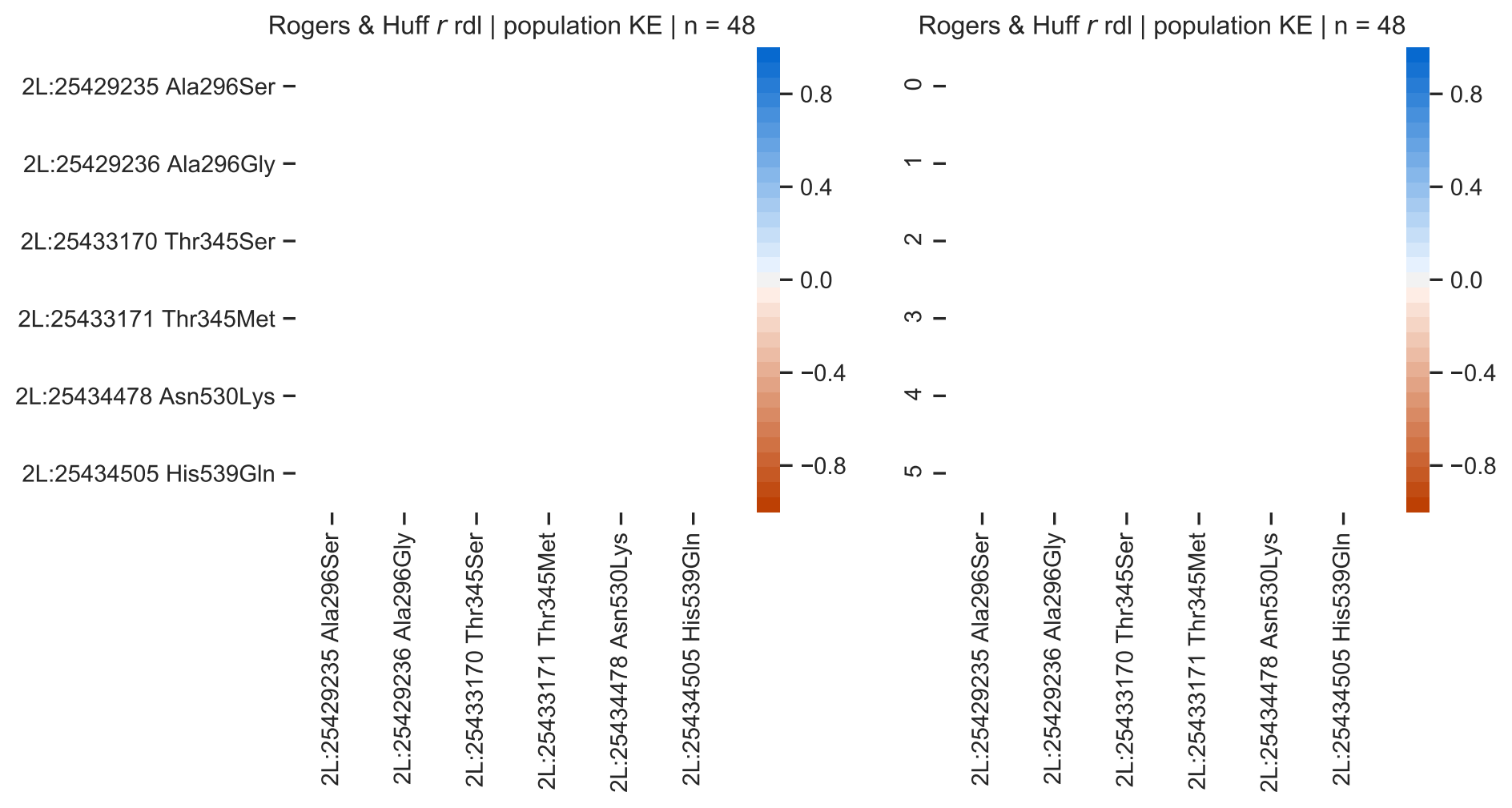

Rogers & Huff r rdl | population GM | n = 65
0
1
2
3
4
5
2L:25429235 Ala296Ser
2L:25429236 Ala296Gly
2L:25433170 Thr345Ser
2L:25433171 Thr345Met
2L:25434478 Asn530Lys
2L:25434505 His539Gln
1
1
0.8
0.4
0.0
−0.4
−0.8

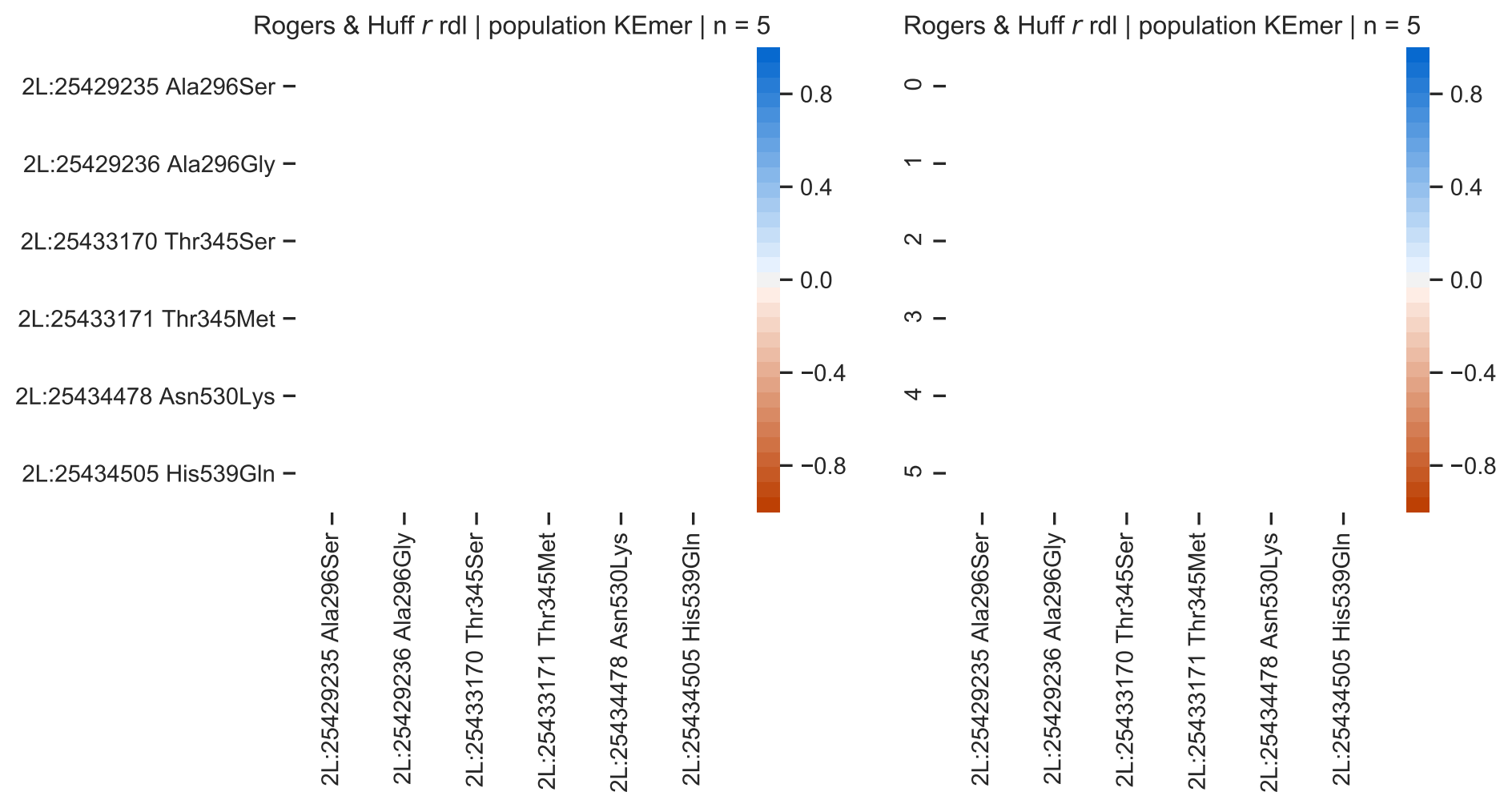

Rogers & Huff r rdl | population GNcol | n = 4
2L:25429235 Ala296Ser
2L:25429236 Ala296Gly
2L:25433170 Thr345Ser
2L:25433171 Thr345Met
2L:25434478 Asn530Lys
2L:25434505 His539Gln
0.8
0.4
0.0
−0.4
−0.8
Rogers & Huff r rdl | population GNcol | n = 4
0
1
2
3
4
5
2L:25429235 Ala296Ser
2L:25429236 Ala296Gly
2L:25433170 Thr345Ser
2L:25433171 Thr345Met
2L:25434478 Asn530Lys
2L:25434505 His539Gln
0.8
0.4
0.0
−0.4
−0.8

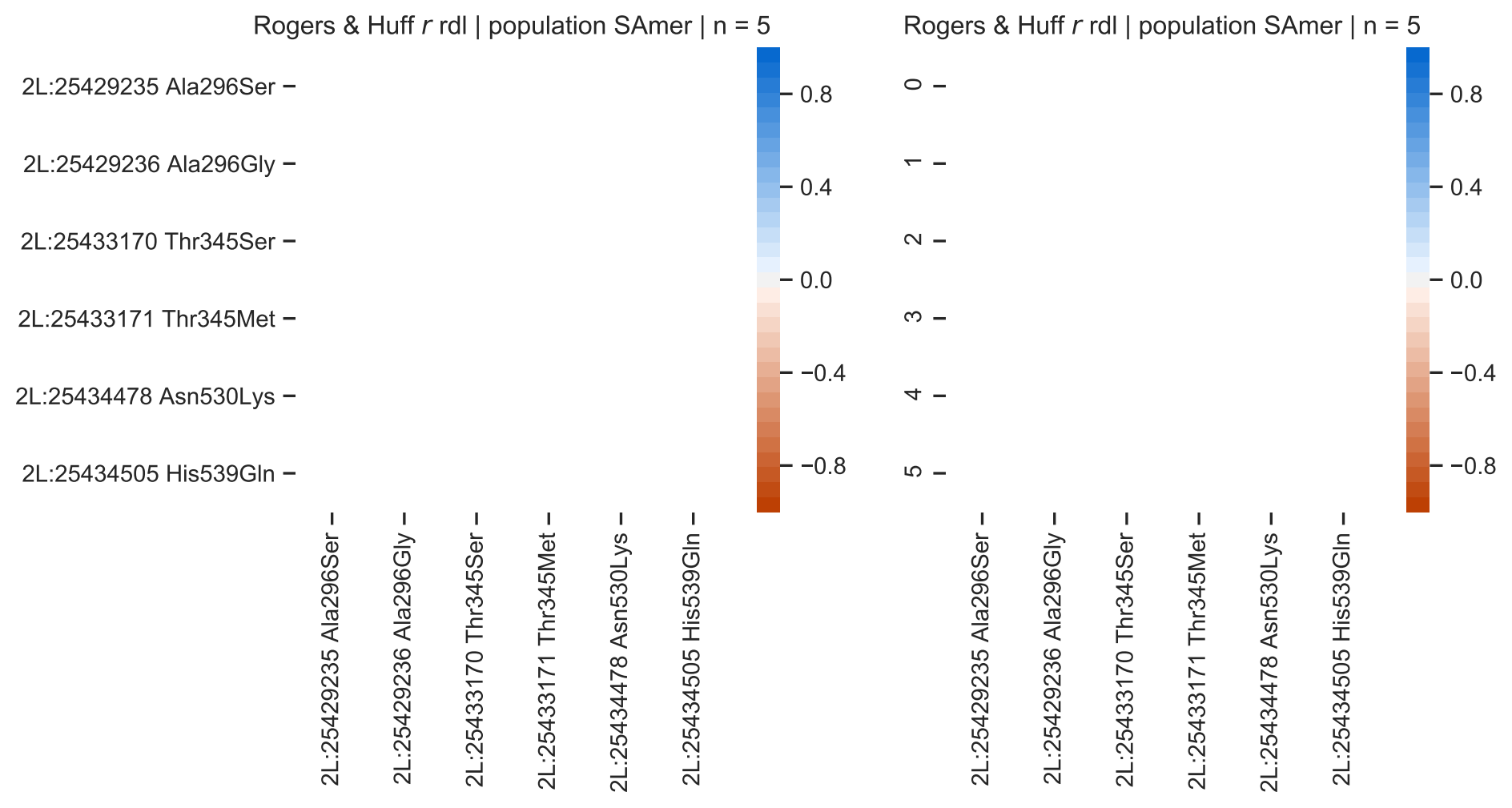

Rogers & Huff r rdl | population GNgam | n = 40
2L:25429235 Ala296Ser
2L:25429236 Ala296Gly
2L:25433170 Thr345Ser
2L:25433171 Thr345Met
2L:25434478 Asn530Lys
2L:25434505 His539Gln
1
0.87
0.1
0.87
0.1
0.87
0.87
-0.18
0.1
0.1
-0.18
0.8
0.4
0.0
−0.4
−0.8
Rogers & Huff r rdl | population GNgam | n = 40
0
1
2
3
4
5
1
1
1
1
1
1
1
1
1
1
-1
1
1
-1
0.8
0.4
0.0
−0.4
−0.8

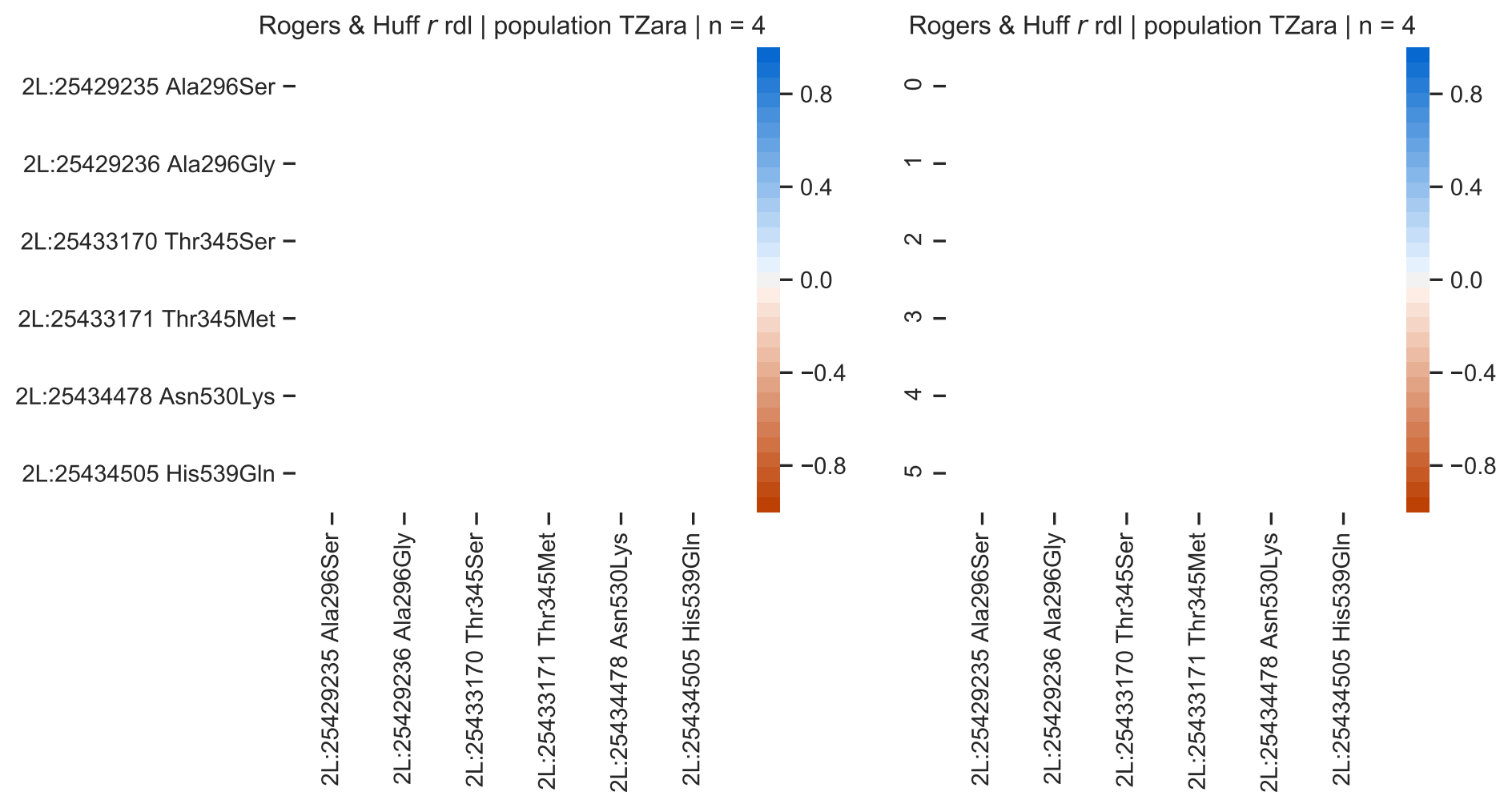

Rogers & Huff r rdl | population GQgam | n = 9
2L:25429235 Ala296Ser
2L:25429236 Ala296Gly
2L:25433170 Thr345Ser
2L:25433171 Thr345Met
2L:25434478 Asn530Lys
2L:25434505 His539Gln
1
1
0.8
0.4
0.0
−0.4
−0.8
Rogers & Huff r rdl | population GQgam | n = 9
0
1
2
3
4
5
1
1
0.8
0.4
0.0
−0.4
−0.8
2L:25429235 Ala296Ser
2L:25429236 Ala296Gly
2L:25433170 Thr345Ser
2L:25433171 Thr345Met
2L:25434478 Asn530Lys
2L:25434505 His539Gln

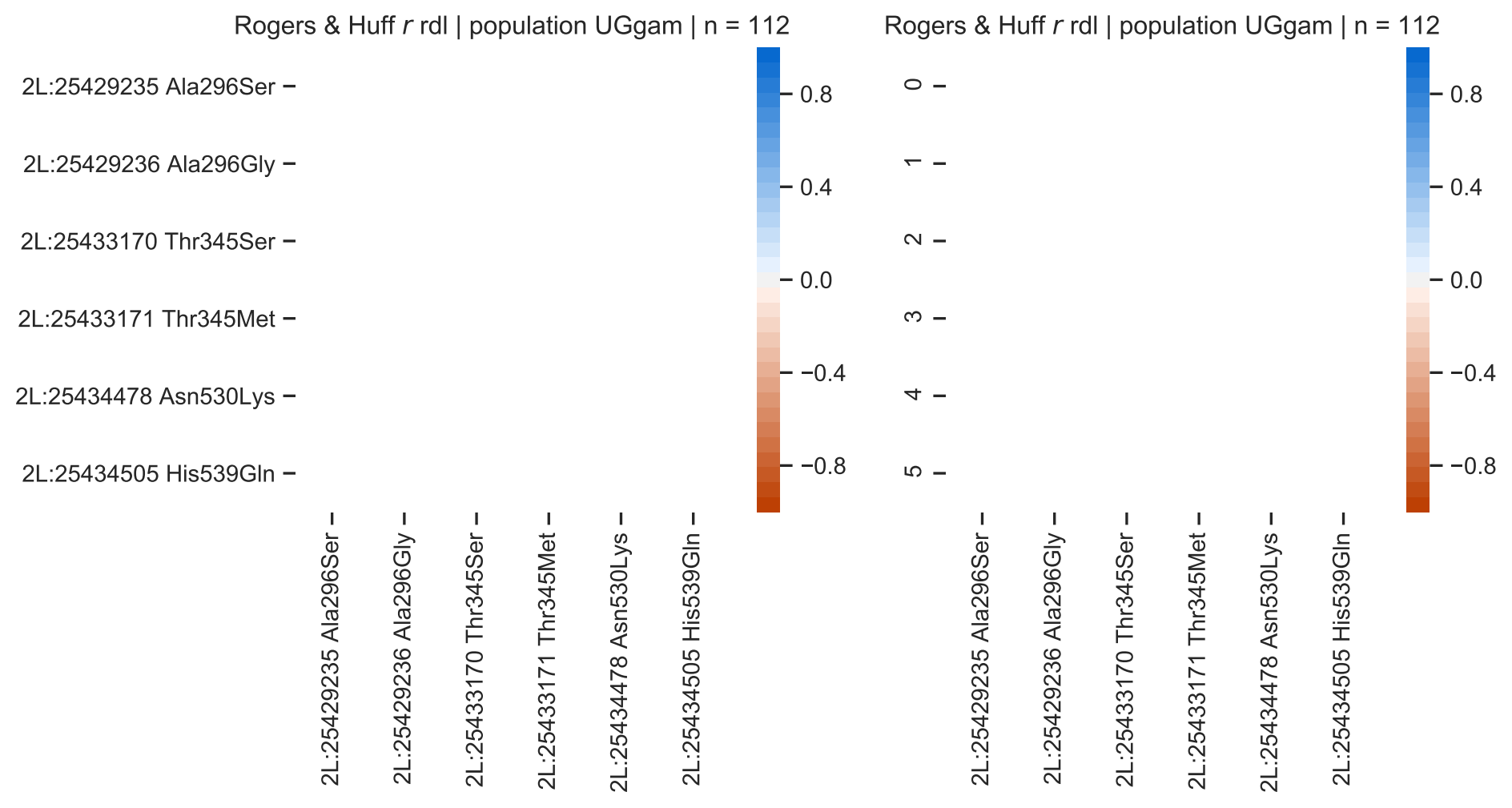

Rogers & Huff r rdl | population GW | n = 91
2L:25429235 Ala296Ser
2L:25429236 Ala296Gly
2L:25433170 Thr345Ser
2L:25433171 Thr345Met
2L:25434478 Asn530Lys
2L:25434505 His539Gln
0.8
0.4
0.0
−0.4
−0.8
Rogers & Huff r rdl | population GW | n = 91
0
1
2
3
4
5
2L:25429235 Ala296Ser
2L:25429236 Ala296Gly
2L:25433170 Thr345Ser
2L:25433171 Thr345Met
2L:25434478 Asn530Lys
2L:25434505 His539Gln
0.8
0.4
0.0
−0.4
−0.8

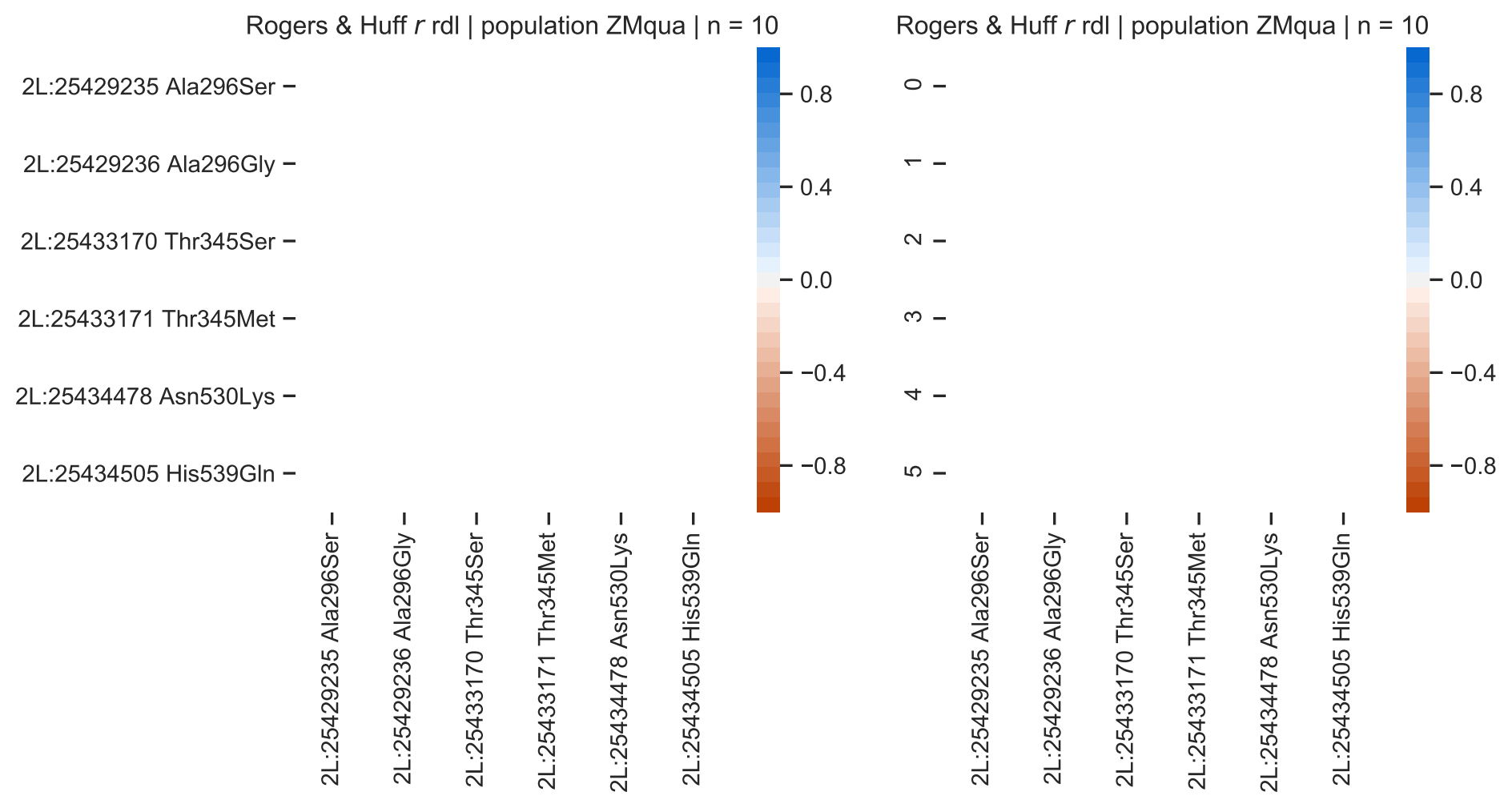

Rogers & Huff r rdl | population KE | n = 48
2L:25429235 Ala296Ser
2L:25429236 Ala296Gly
2L:25433170 Thr345Ser
2L:25433171 Thr345Met
2L:25434478 Asn530Lys
2L:25434505 His539Gln
0.8
0.4
0.0
−0.4
−0.8
Rogers & Huff r rdl | population KE | n = 48
0
1
2
3
4
5
2L:25429235 Ala296Ser
2L:25429236 Ala296Gly
2L:25433170 Thr345Ser
2L:25433171 Thr345Met
2L:25434478 Asn530Lys
2L:25434505 His539Gln
0.8
0.4
0.0
−0.4
−0.8


Rogers & Huff r rdl | population KEmer | n = 5
2L:25429235 Ala296Ser
2L:25429236 Ala296Gly
2L:25433170 Thr345Ser
2L:25433171 Thr345Met
2L:25434478 Asn530Lys
2L:25434505 His539Gln
0.8
0.4
0.0
−0.4
−0.8
Rogers & Huff r rdl | population KEmer | n = 5
0
1
2
3
4
5
2L:25429235 Ala296Ser
2L:25429236 Ala296Gly
2L:25433170 Thr345Ser
2L:25433171 Thr345Met
2L:25434478 Asn530Lys
2L:25434505 His539Gln
0.8
0.4
0.0
−0.4
−0.8


Rogers & Huff r rdl | population SAmer | n = 5
2L:25429235 Ala296Ser
2L:25429236 Ala296Gly
2L:25433170 Thr345Ser
2L:25433171 Thr345Met
2L:25434478 Asn530Lys
2L:25434505 His539Gln
0.8
0.4
0.0
−0.4
−0.8
Rogers & Huff r rdl | population SAmer | n = 5
0
1
2
3
4
5
2L:25429235 Ala296Ser
2L:25429236 Ala296Gly
2L:25433170 Thr345Ser
2L:25433171 Thr345Met
2L:25434478 Asn530Lys
2L:25434505 His539Gln
0.8
0.4
0.0
−0.4
−0.8


Rogers & Huff r rdl | population TZara | n = 4
2L:25429235 Ala296Ser
2L:25429236 Ala296Gly
2L:25433170 Thr345Ser
2L:25433171 Thr345Met
2L:25434478 Asn530Lys
2L:25434505 His539Gln
0.8
0.4
0.0
−0.4
−0.8
Rogers & Huff r rdl | population TZara | n = 4
0
1
2
3
4
5
2L:25429235 Ala296Ser
2L:25429236 Ala296Gly
2L:25433170 Thr345Ser
2L:25433171 Thr345Met
2L:25434478 Asn530Lys
2L:25434505 His539Gln
0.8
0.4
0.0
−0.4
−0.8


Rogers & Huff r rdl | population UGgam | n = 112
2L:25429235 Ala296Ser
2L:25429236 Ala296Gly
2L:25433170 Thr345Ser
2L:25433171 Thr345Met
2L:25434478 Asn530Lys
2L:25434505 His539Gln
0.8
0.4
0.0
−0.4
−0.8
Rogers & Huff r rdl | population UGgam | n = 112
0
1
2
3
4
5
2L:25429235 Ala296Ser
2L:25429236 Ala296Gly
2L:25433170 Thr345Ser
2L:25433171 Thr345Met
2L:25434478 Asn530Lys
2L:25434505 His539Gln
0.8
0.4
0.0
−0.4
−0.8


Rogers & Huff r rdl | population ZMqua | n = 10
2L:25429235 Ala296Ser
2L:25429236 Ala296Gly
2L:25433170 Thr345Ser
2L:25433171 Thr345Met
2L:25434478 Asn530Lys
2L:25434505 His539Gln
0.8
0.4
0.0
−0.4
−0.8
Rogers & Huff r rdl | population ZMqua | n = 10
0
1
2
3
4
5
2L:25429235 Ala296Ser
2L:25429236 Ala296Gly
2L:25433170 Thr345Ser
2L:25433171 Thr345Met
2L:25434478 Asn530Lys
2L:25434505 His539Gln
0.8
0.4
0.0
−0.4
−0.8