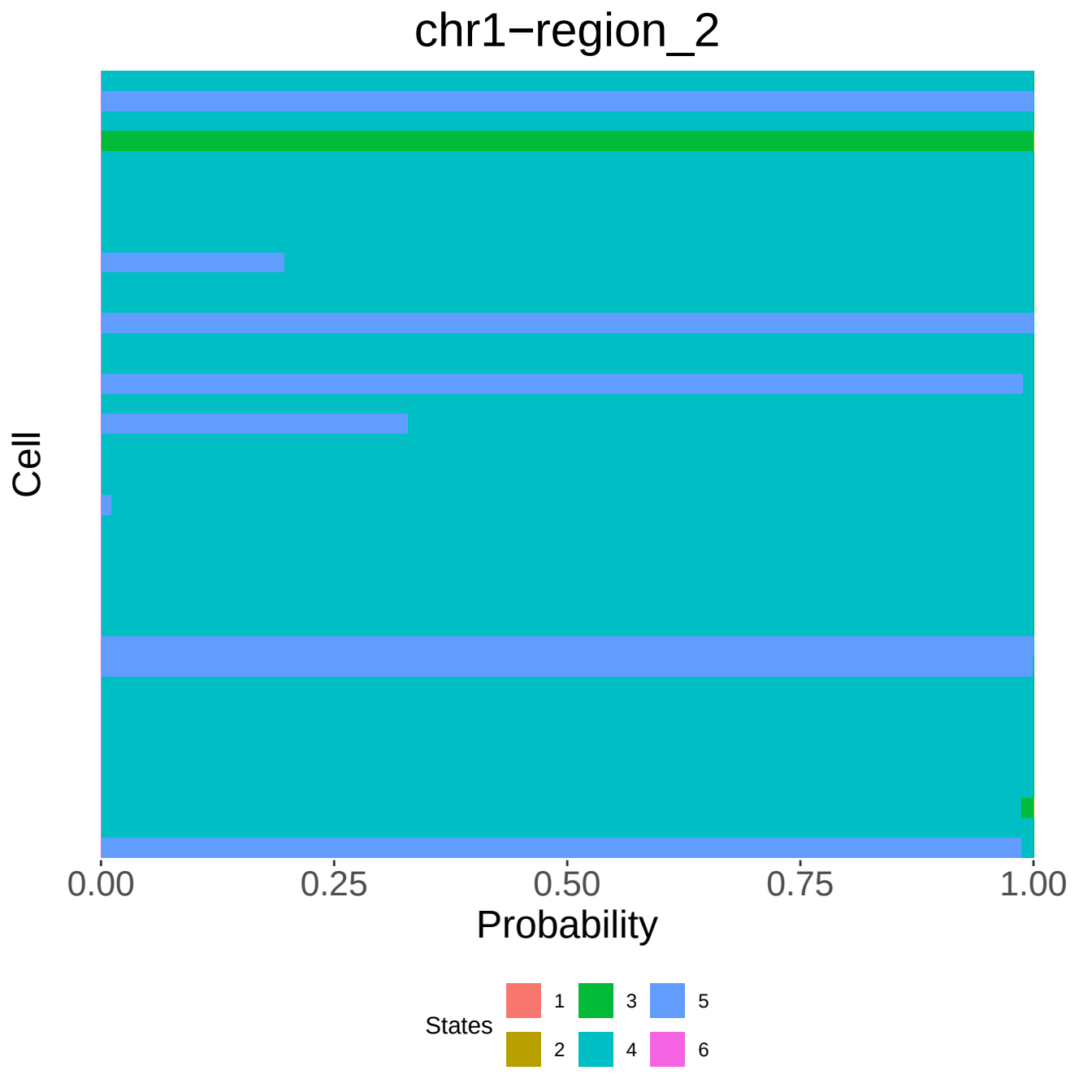
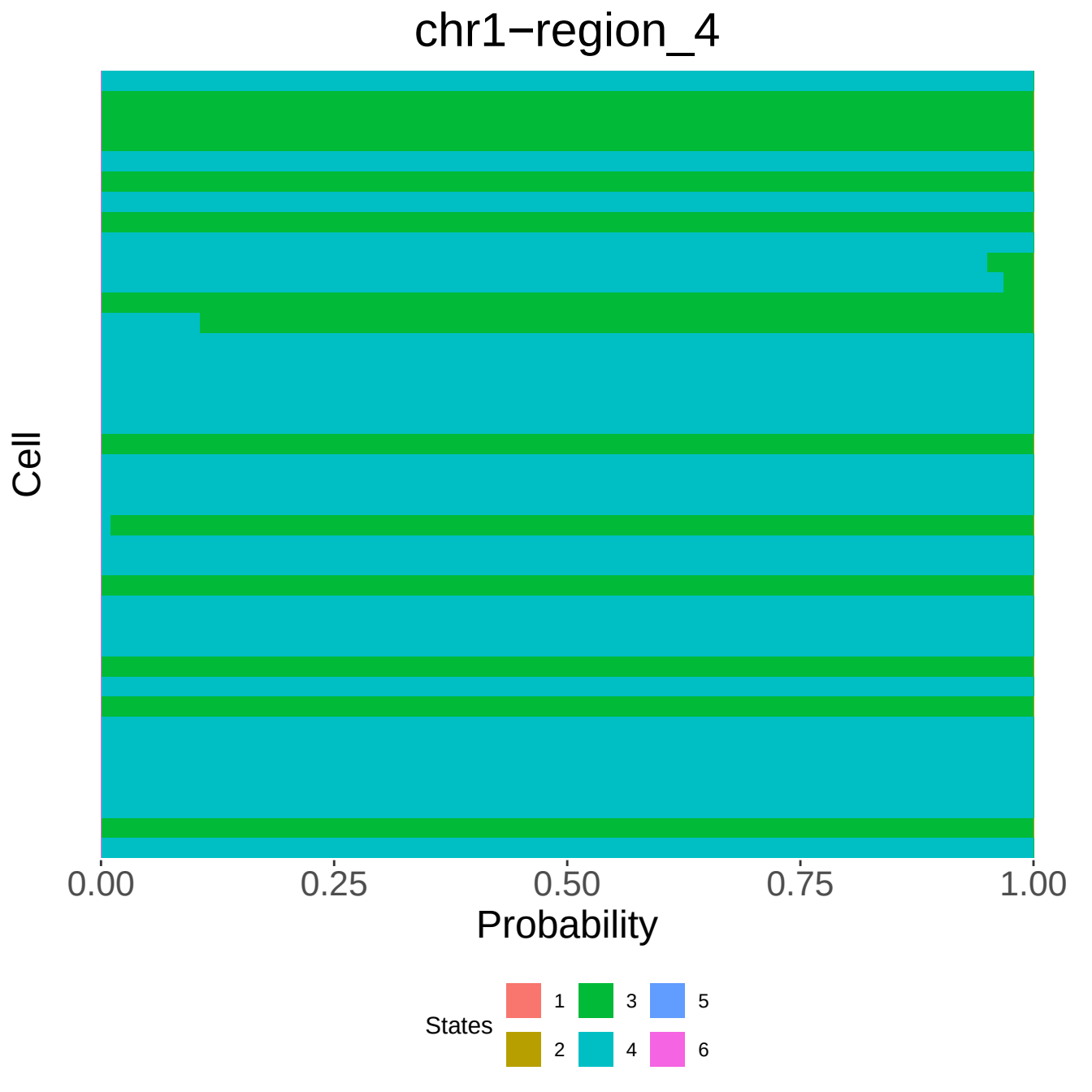
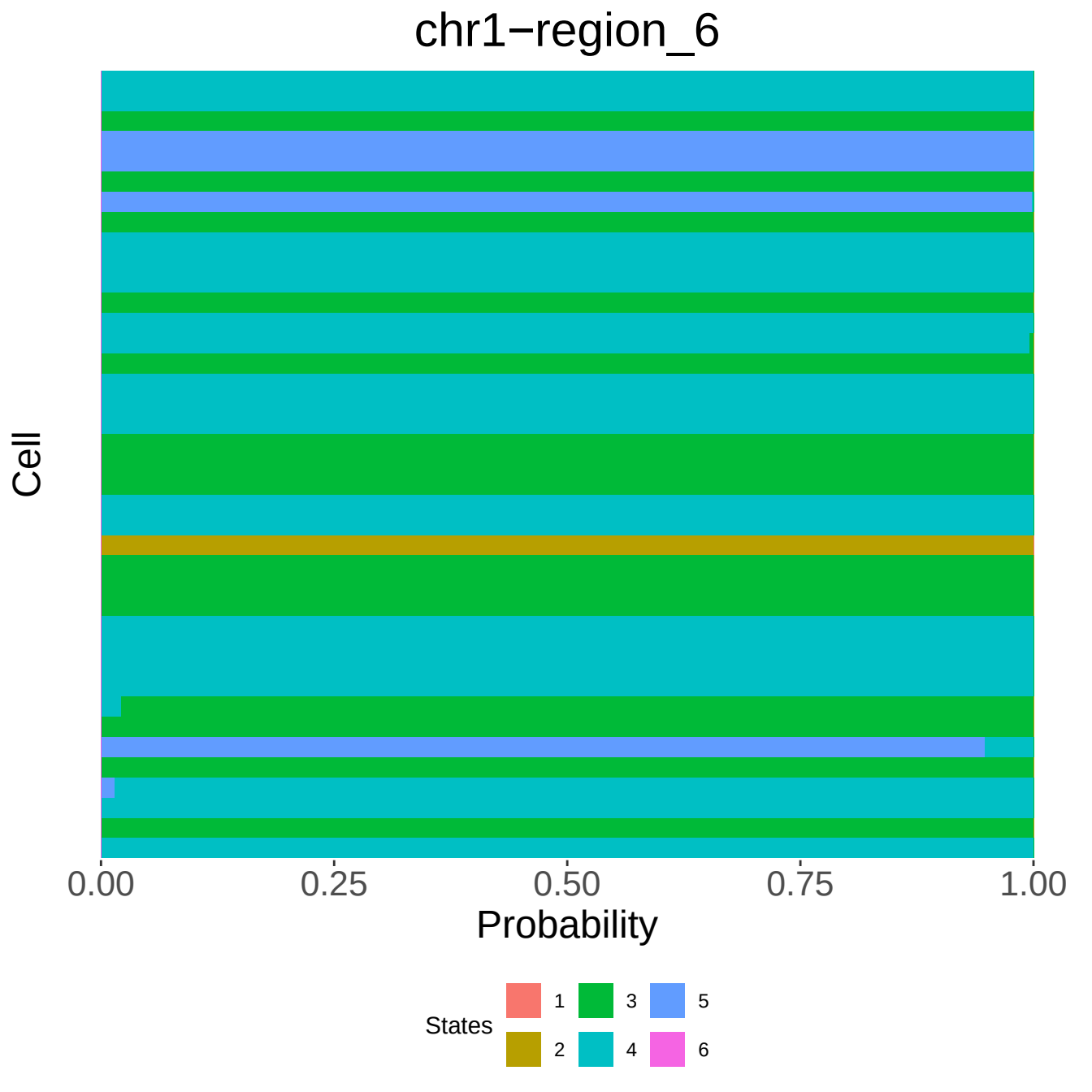
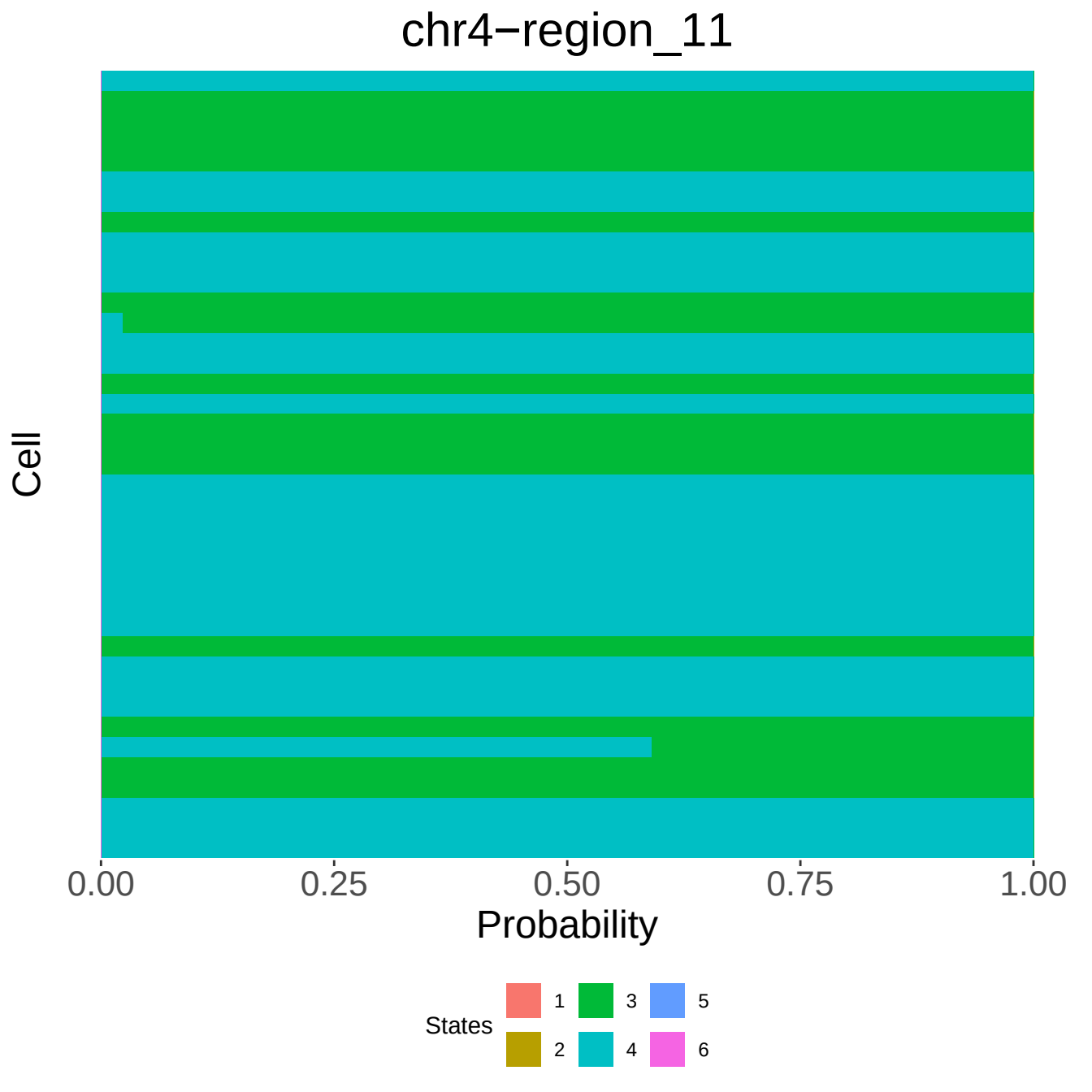
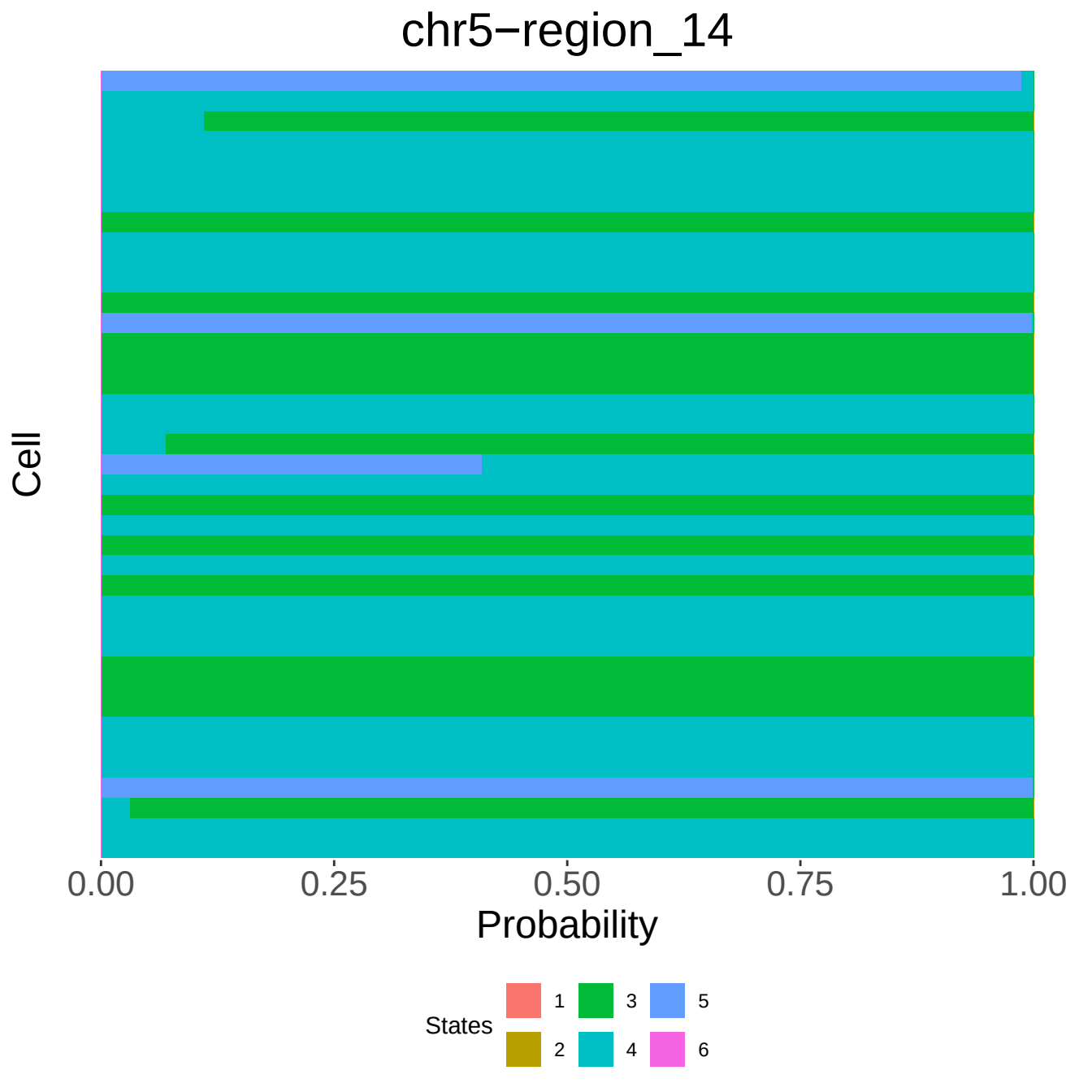

chr1−region_2
Cell
0.00
0.25
0.50
0.75
1.00
Probability
States
1
2
3
4
5
6


chr1−region_4
Cell
0.00
0.25
0.50
0.75
1.00
Probability
States
1
2
3
4
5
6


chr1−region_6
Cell
0.00
0.25
0.50
0.75
1.00
Probability
States
1
2
3
4
5
6


chr4−region_11
Cell
0.00
0.25
0.50
0.75
1.00
Probability
States
1
2
3
4
5
6


chr5−region_14
Cell
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0.75
1.00
Probability
States
1
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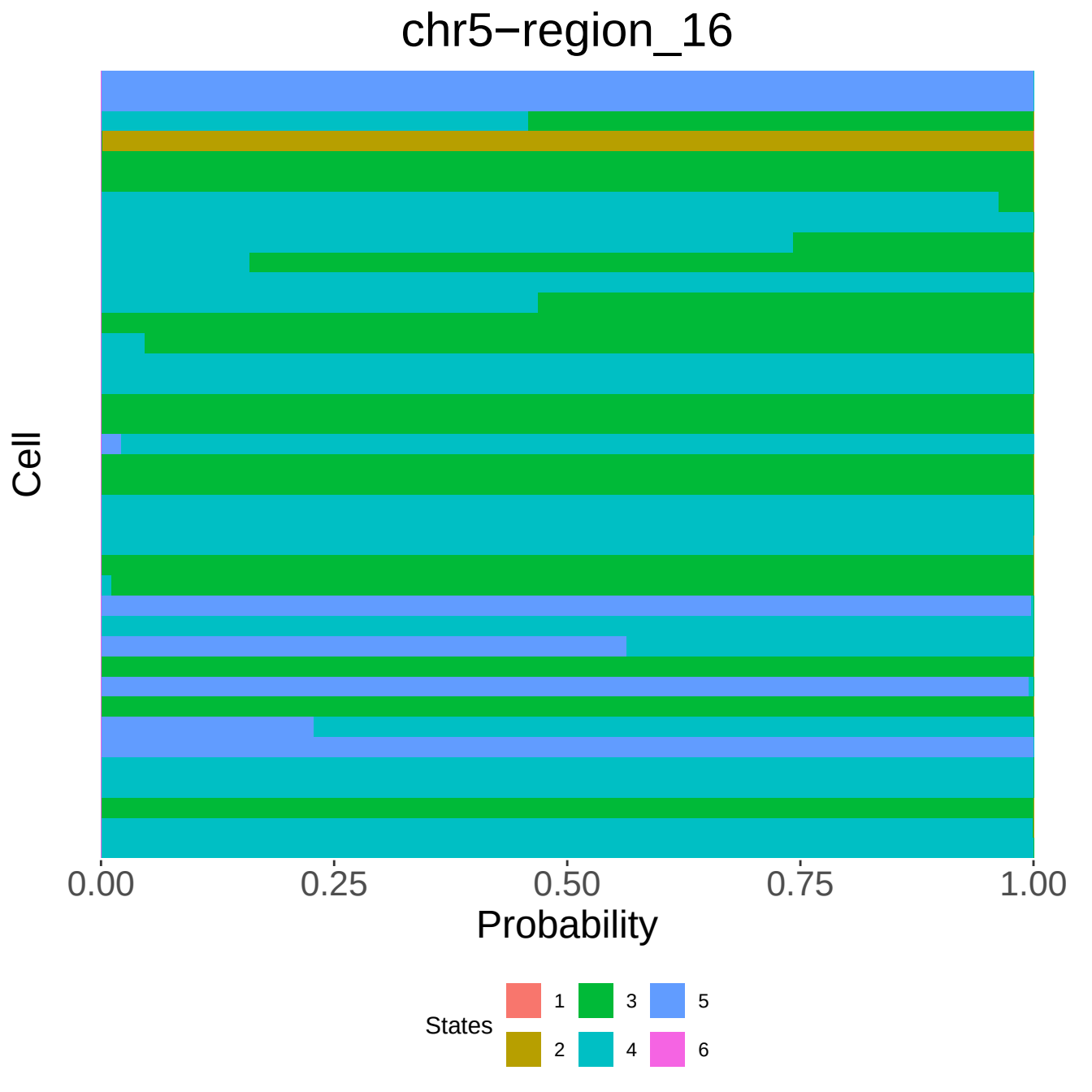
3
4
5
6


chr5−region_16
Cell
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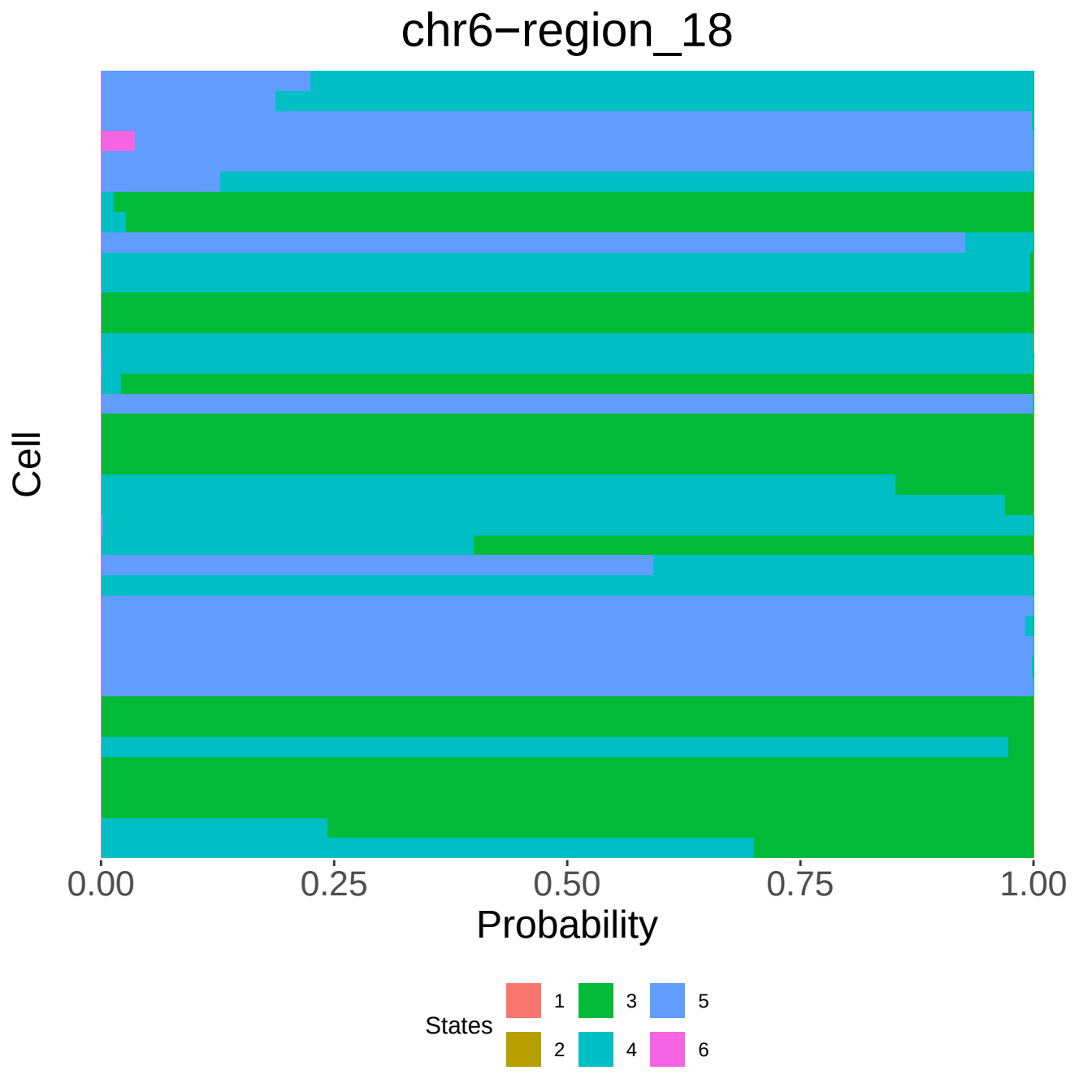
0.50
0.75
1.00
Probability
States
1
2
3
4
5
6


chr6−region_18
Cell
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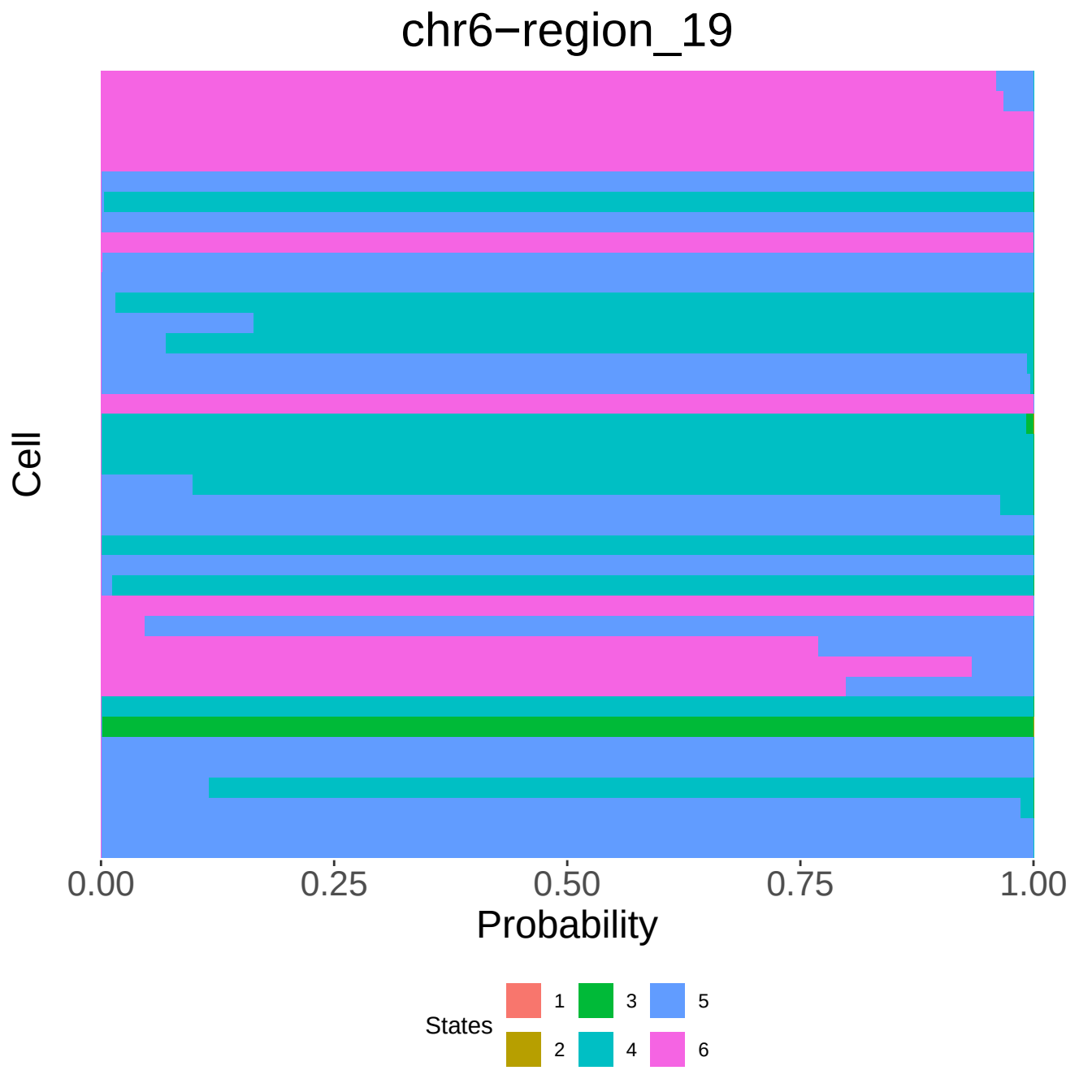
0.75
1.00
Probability
States
1
2
3
4
5
6


chr6−region_19
Cell
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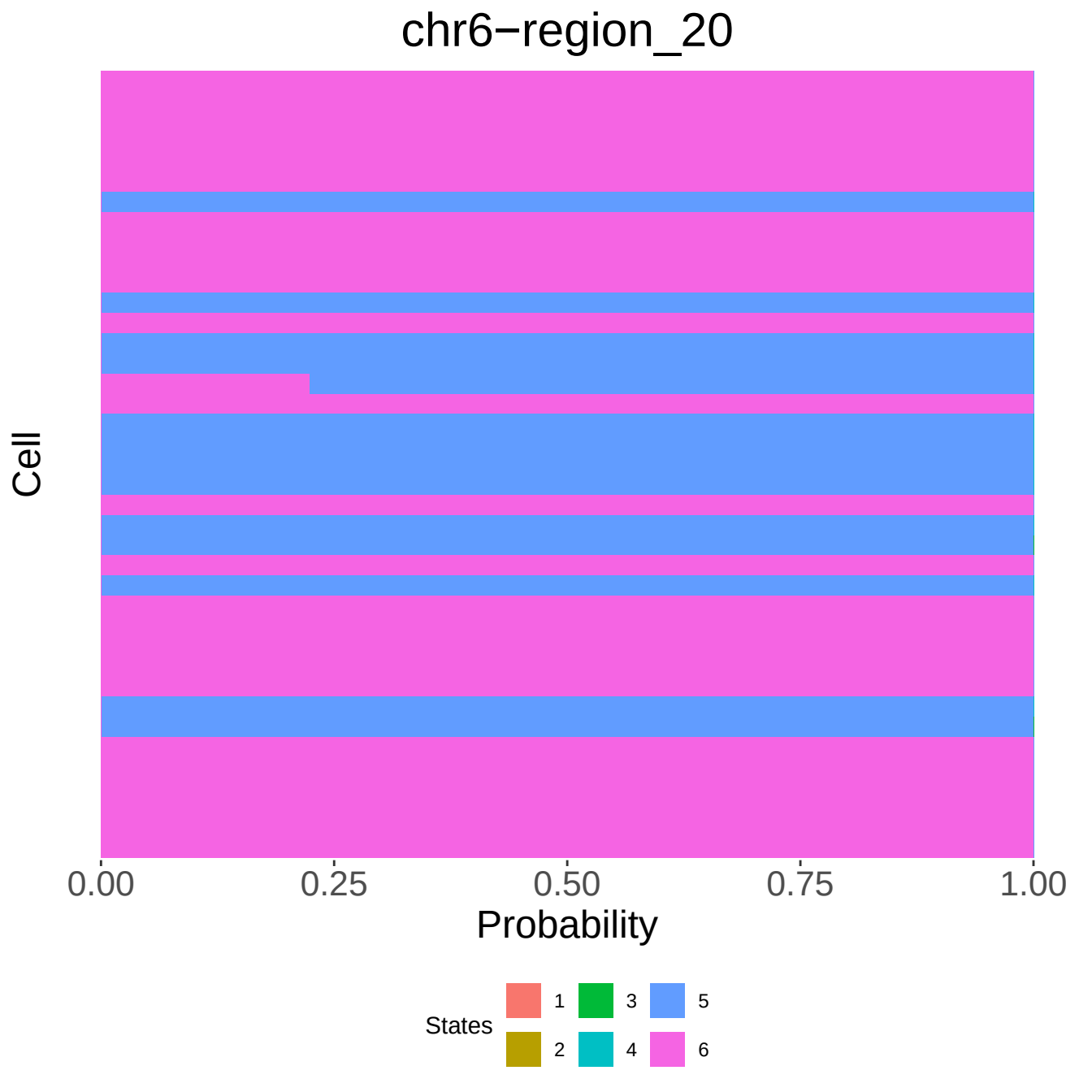
0.25
0.50
0.75
1.00
Probability
States
1
2
3
4
5
6


chr6−region_20
Cell
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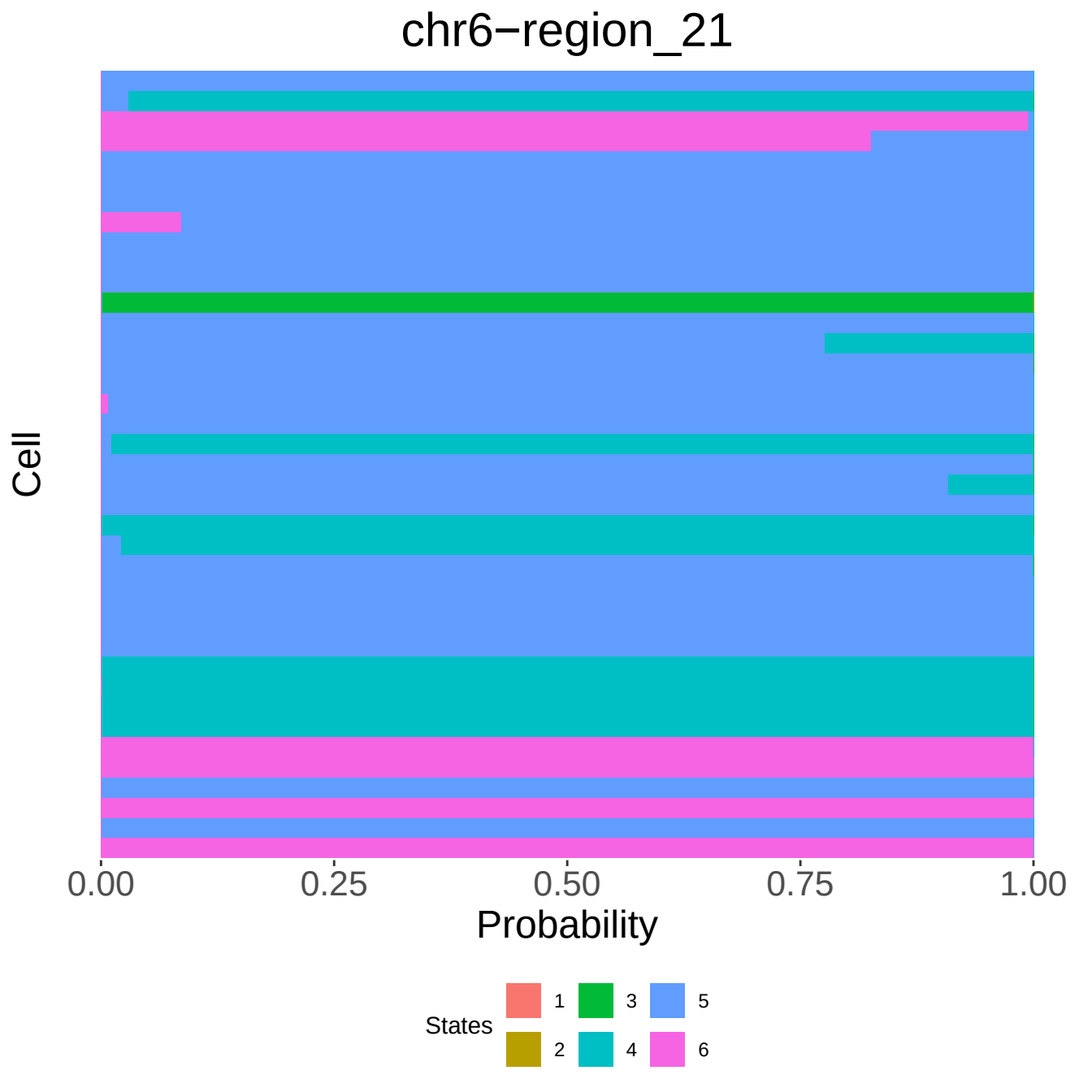
0.75
1.00
Probability
States
1
2
3
4
5
6


chr6−region_21
Cell
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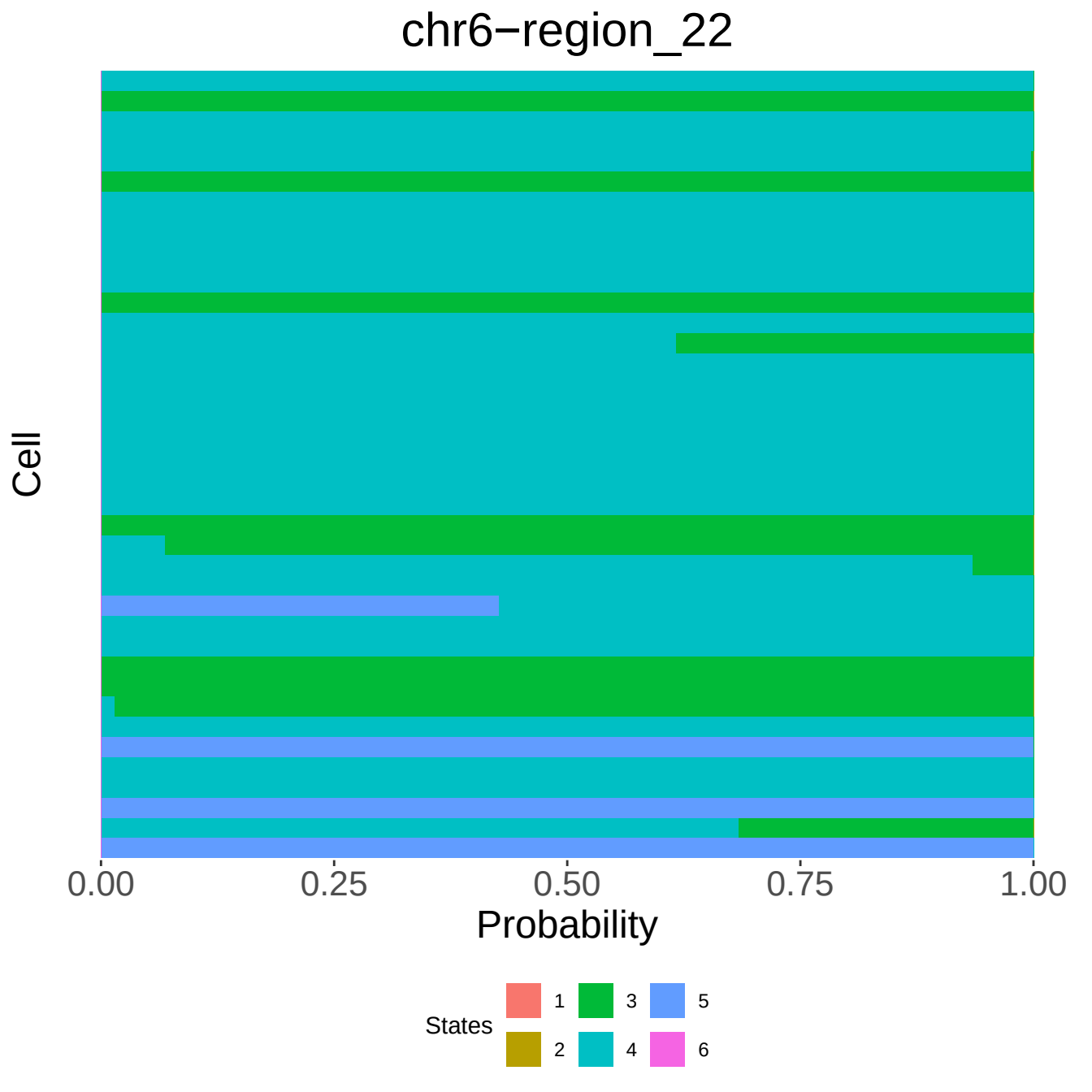
0.75
1.00
Probability
States
1
2
3
4
5
6


chr6−region_22
Cell
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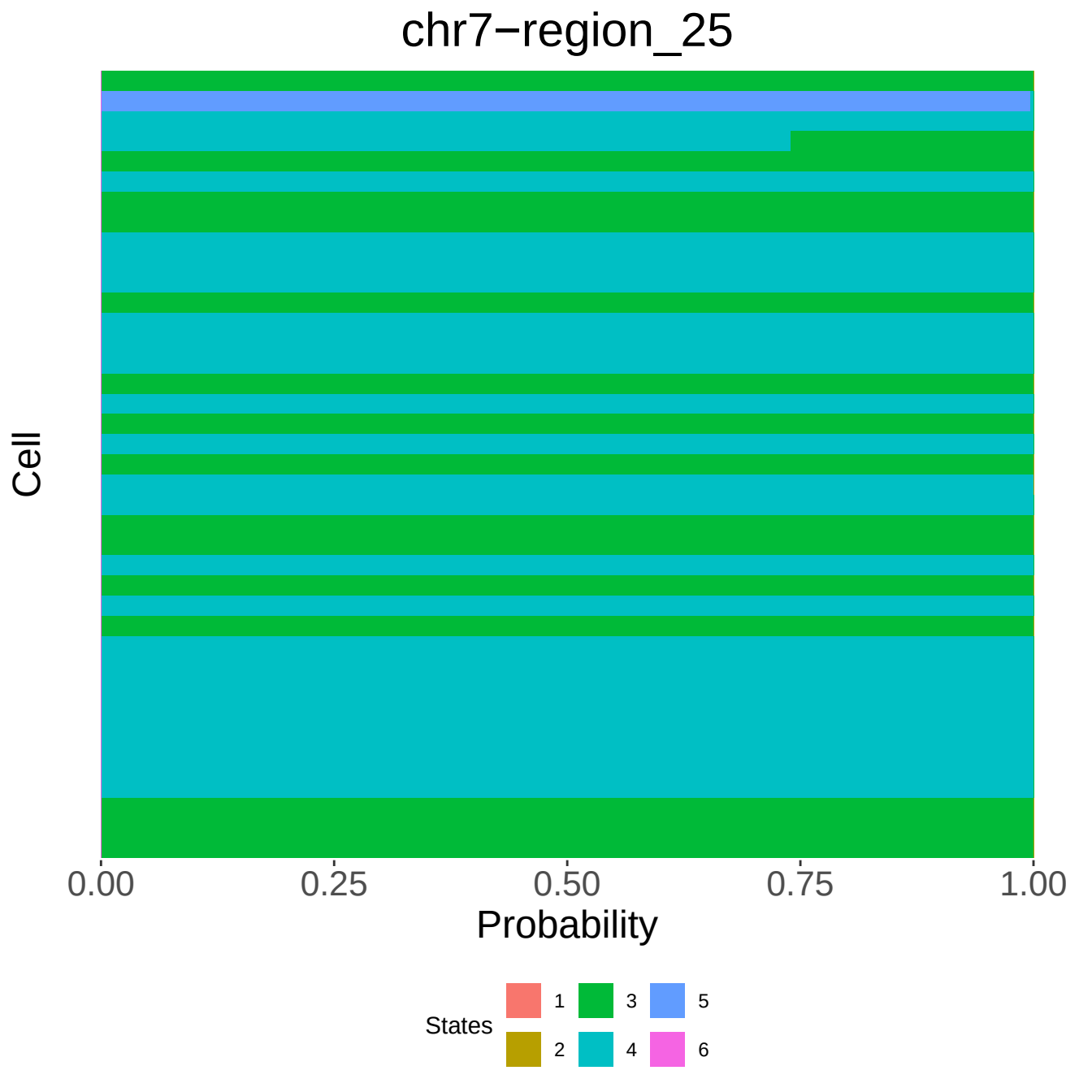
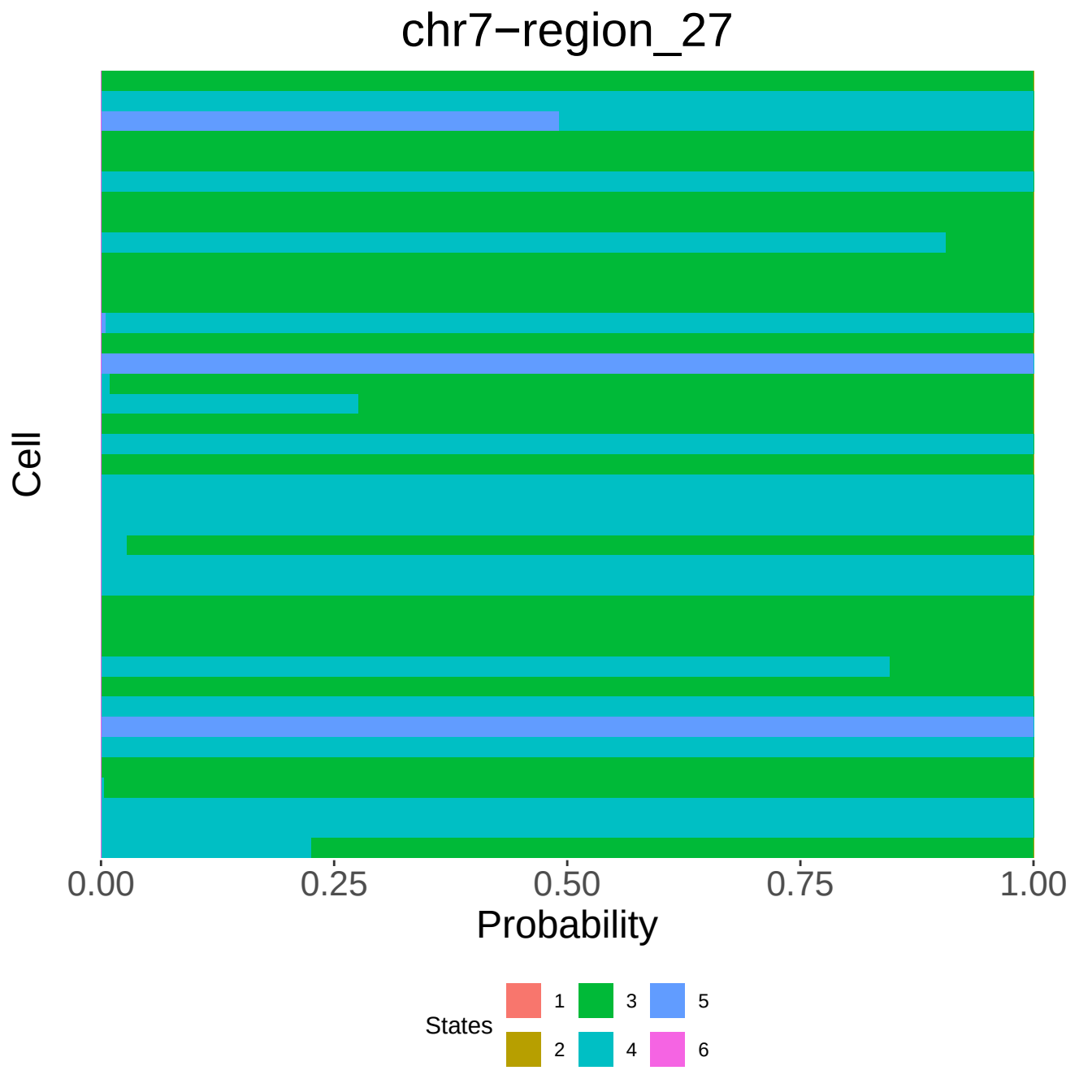
0.50
0.75
1.00
Probability
States
1
2
3
4
5
6


chr7−region_25
Cell
0.00
0.25
0.50
0.75
1.00
Probability
States
1
2
3
4
5
6


chr7−region_27
Cell
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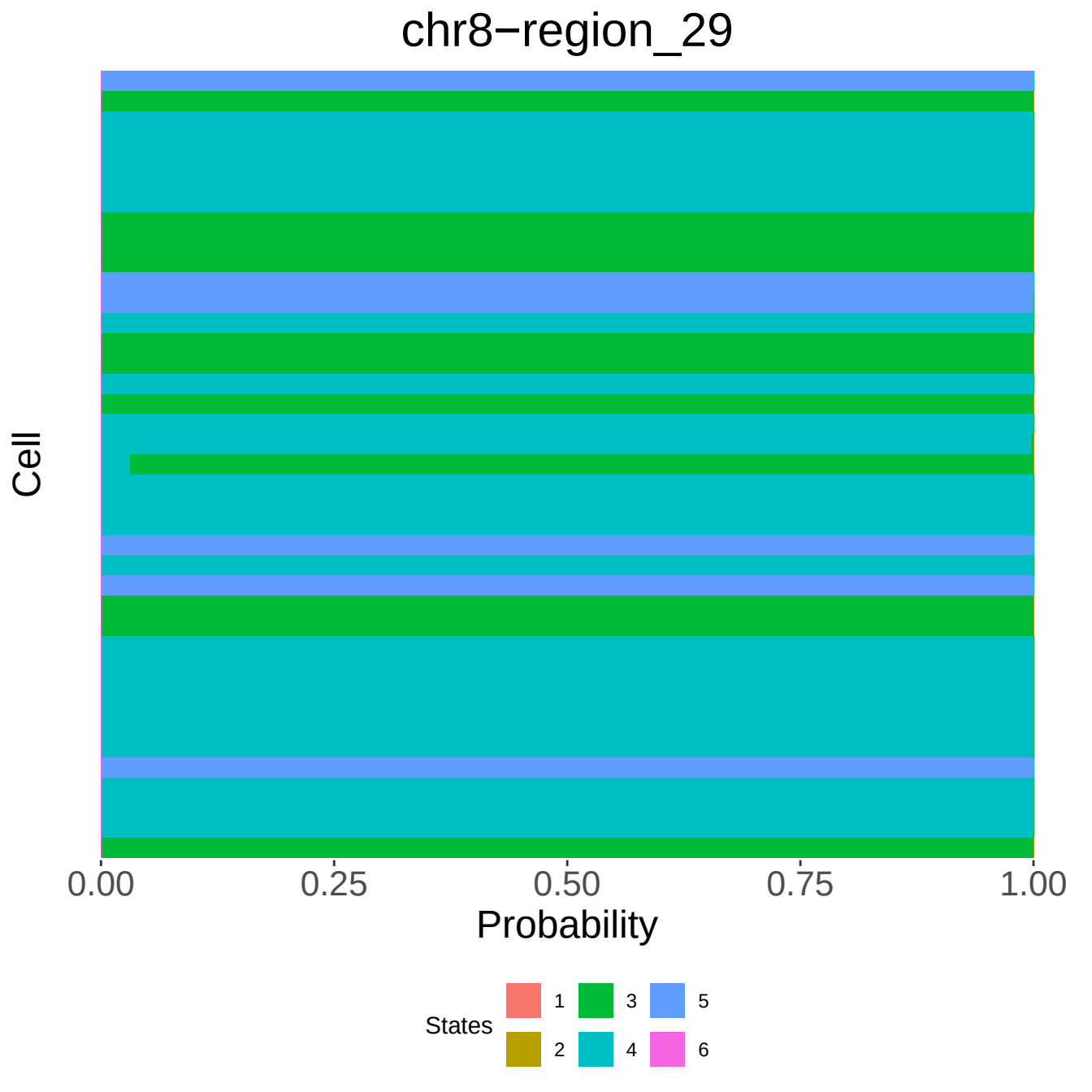
0.25
0.50
0.75
1.00
Probability
States
1
2
3
4
5
6


chr8−region_29
Cell
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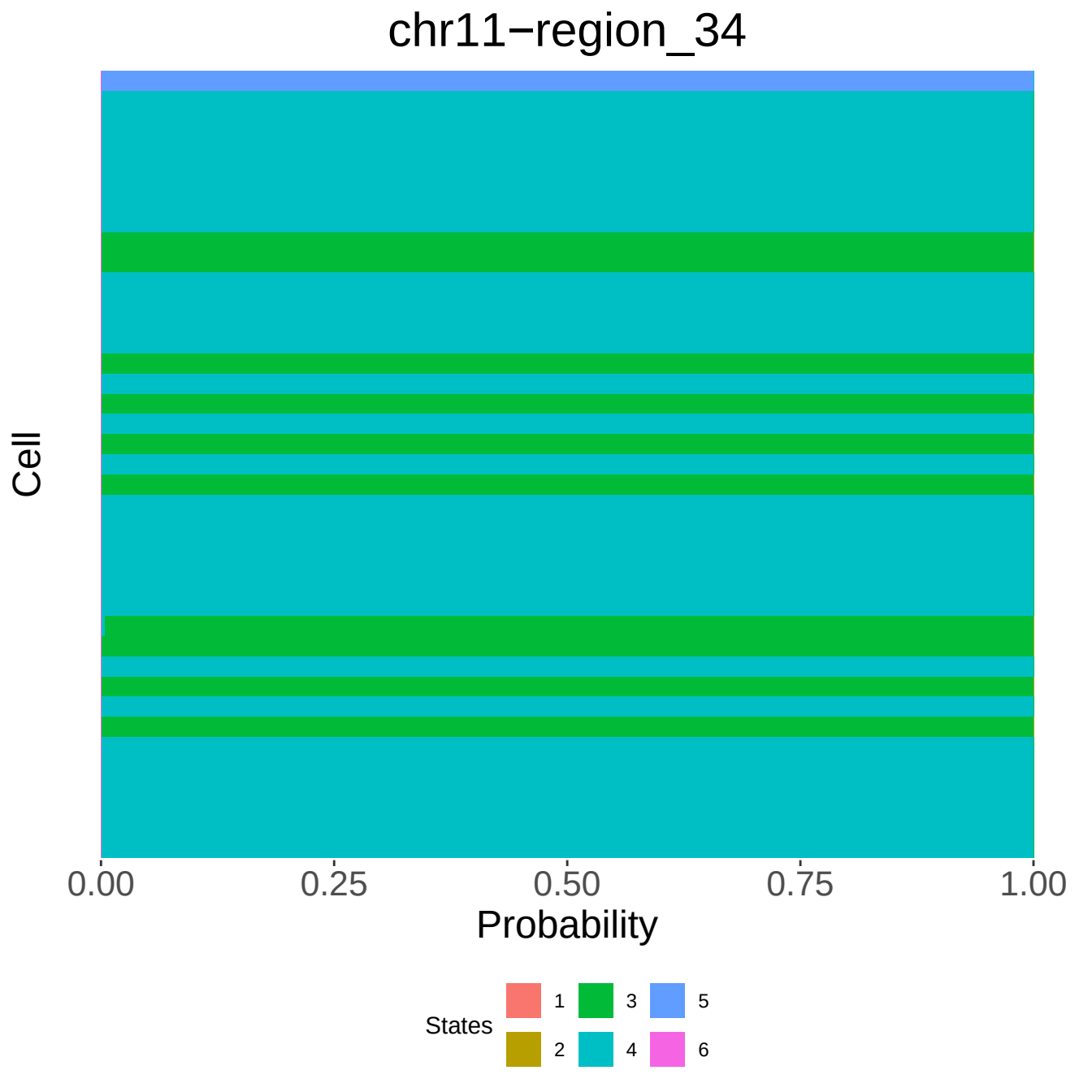
0.50
0.75
1.00
Probability
States
1
2
3
4
5
6


chr11−region_34
Cell
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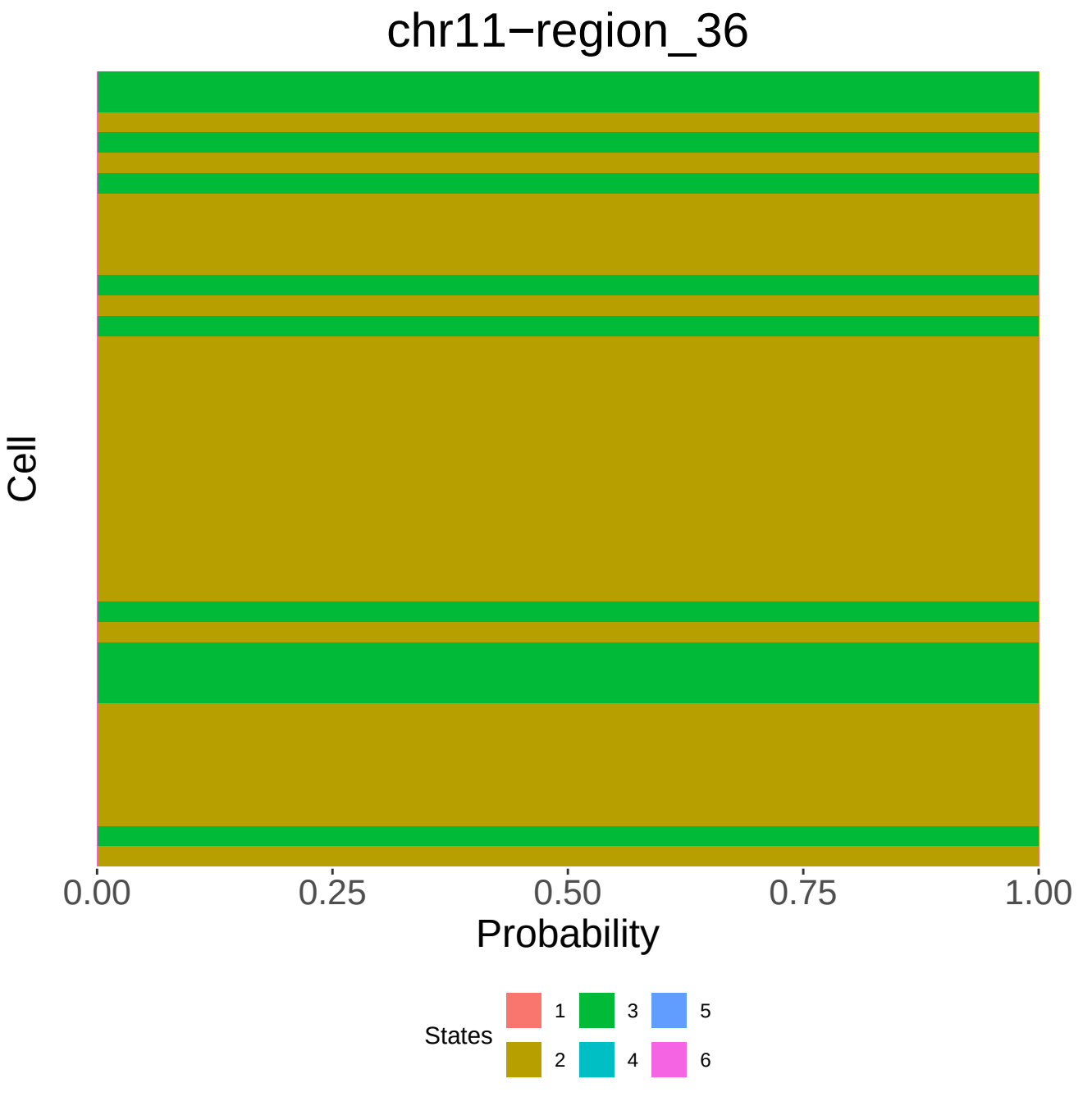
0.25
0.50
0.75
1.00
Probability
States
1
2
3
4
5
6


chr11−region_36
Cell
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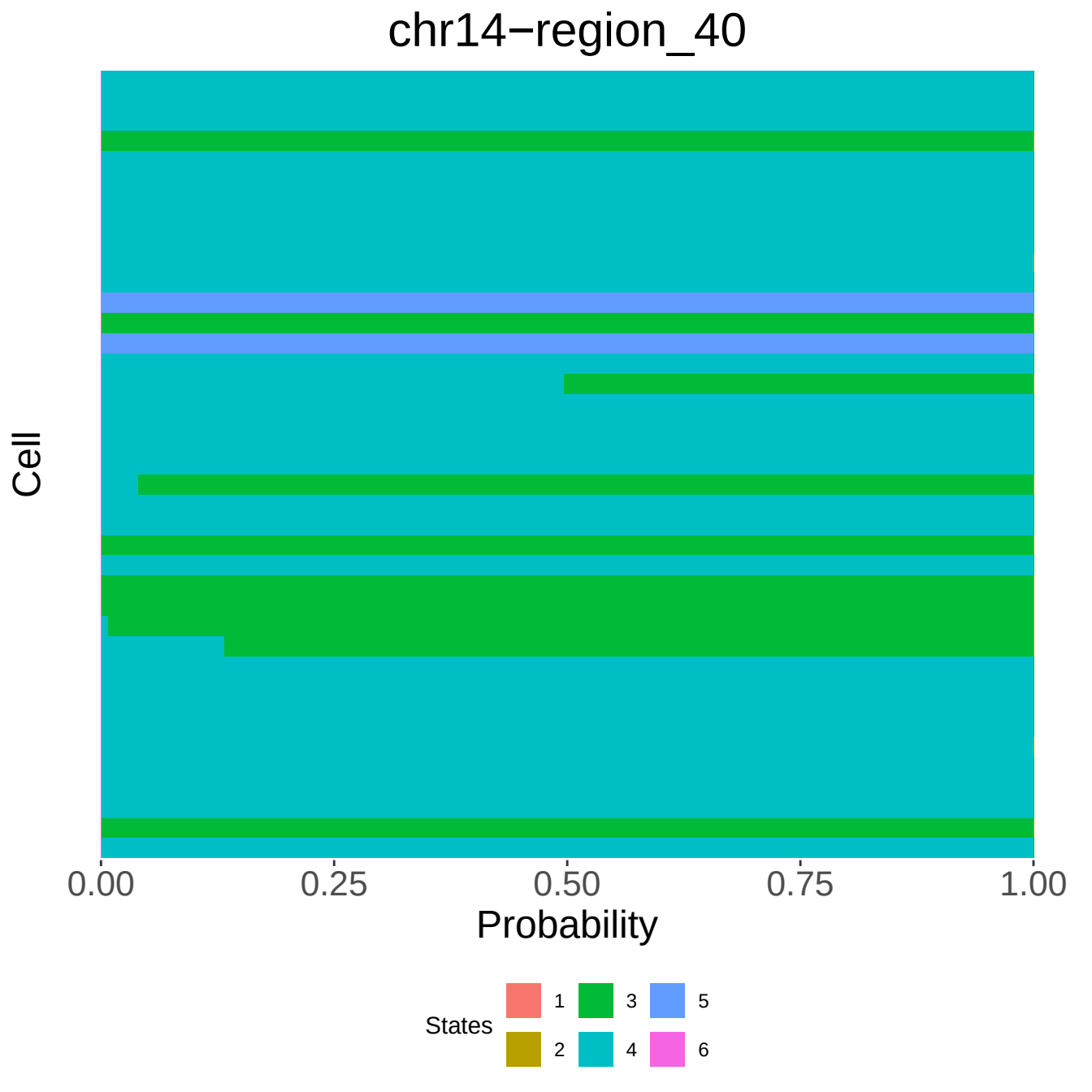
0.75
1.00
Probability
States
1
2
3
4
5
6


chr14−region_40
Cell
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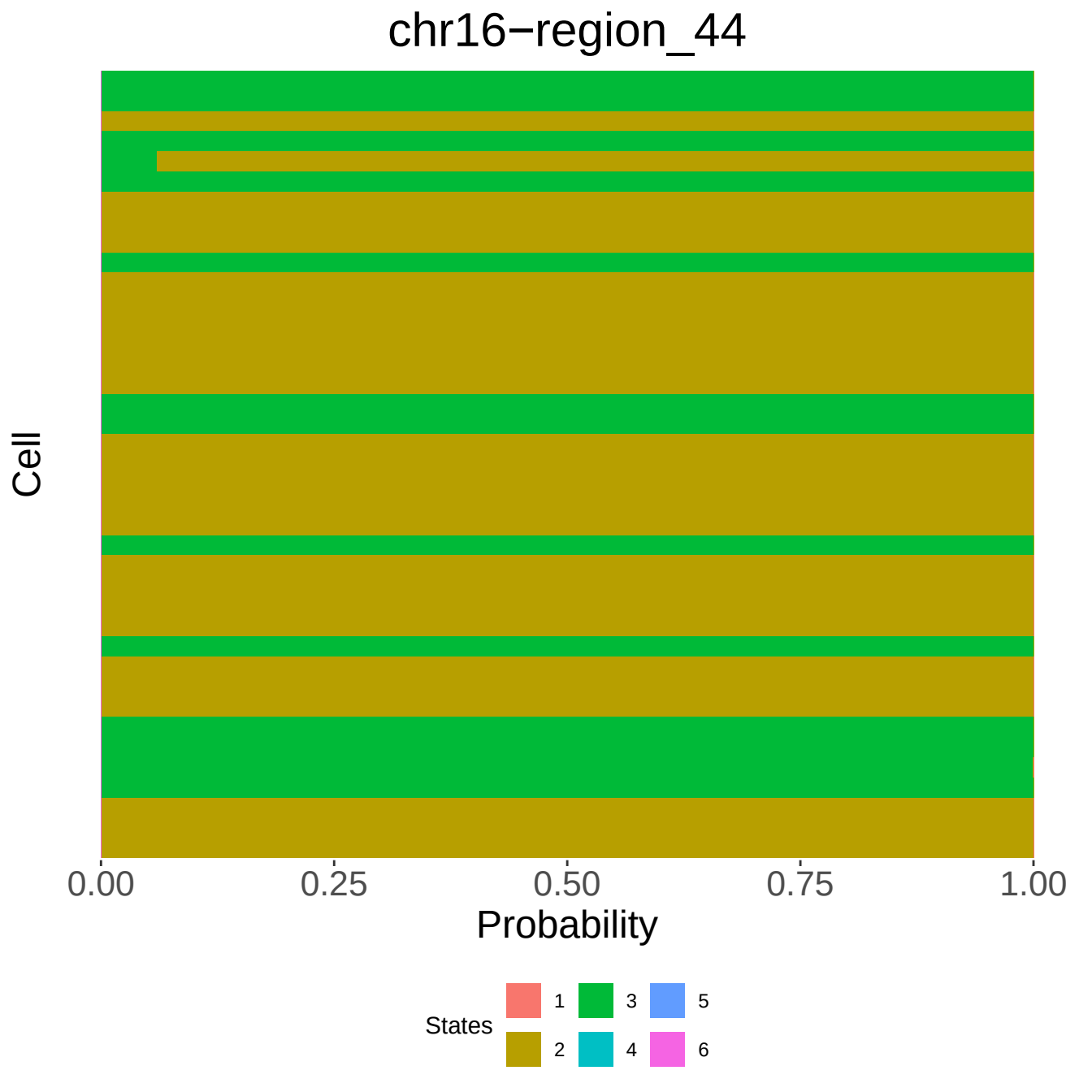
0.25
0.50
0.75
1.00
Probability
States
1
2
3
4
5
6


chr16−region_44
Cell
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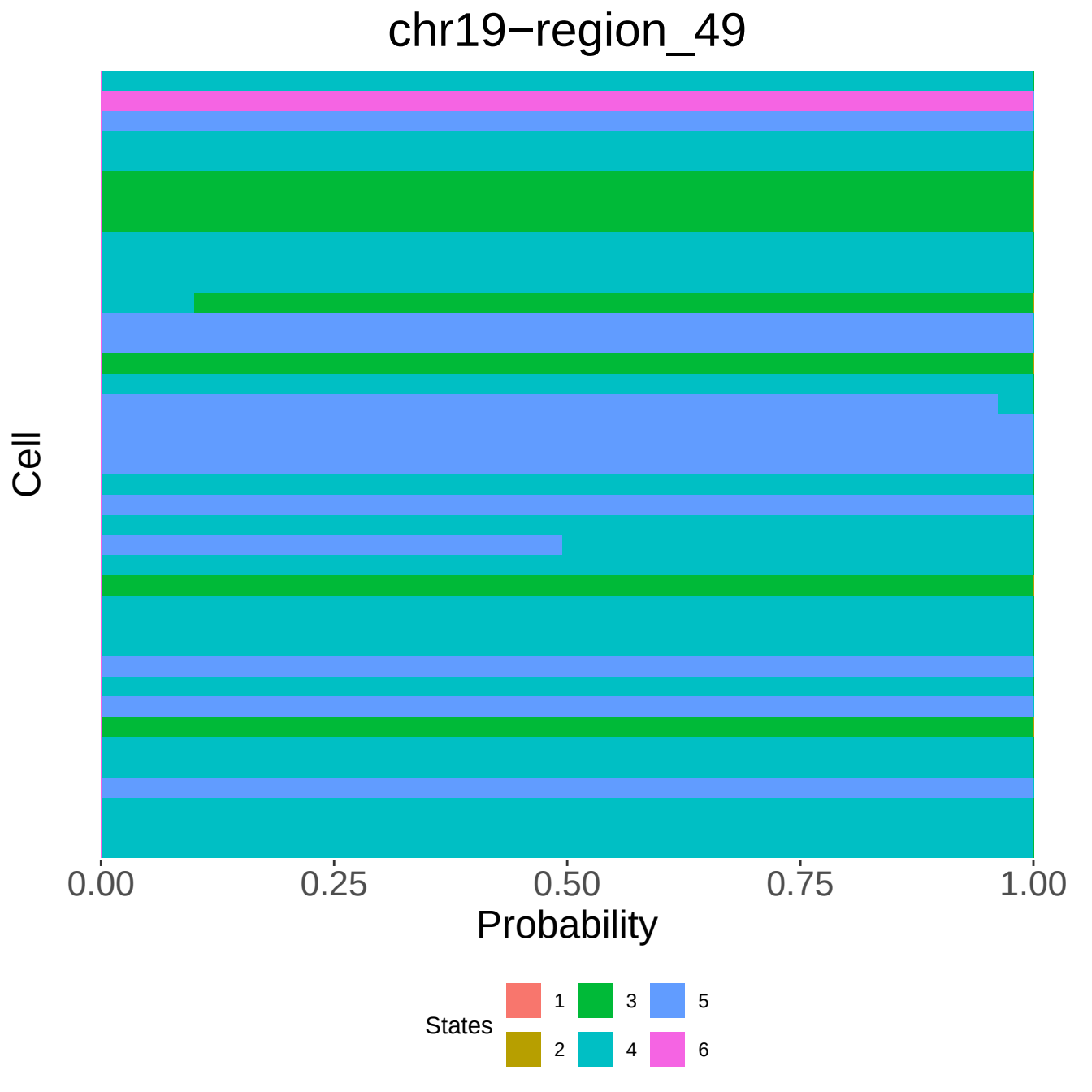
1.00
Probability
States
1
2
3
4
5
6


chr19−region_49
Cell
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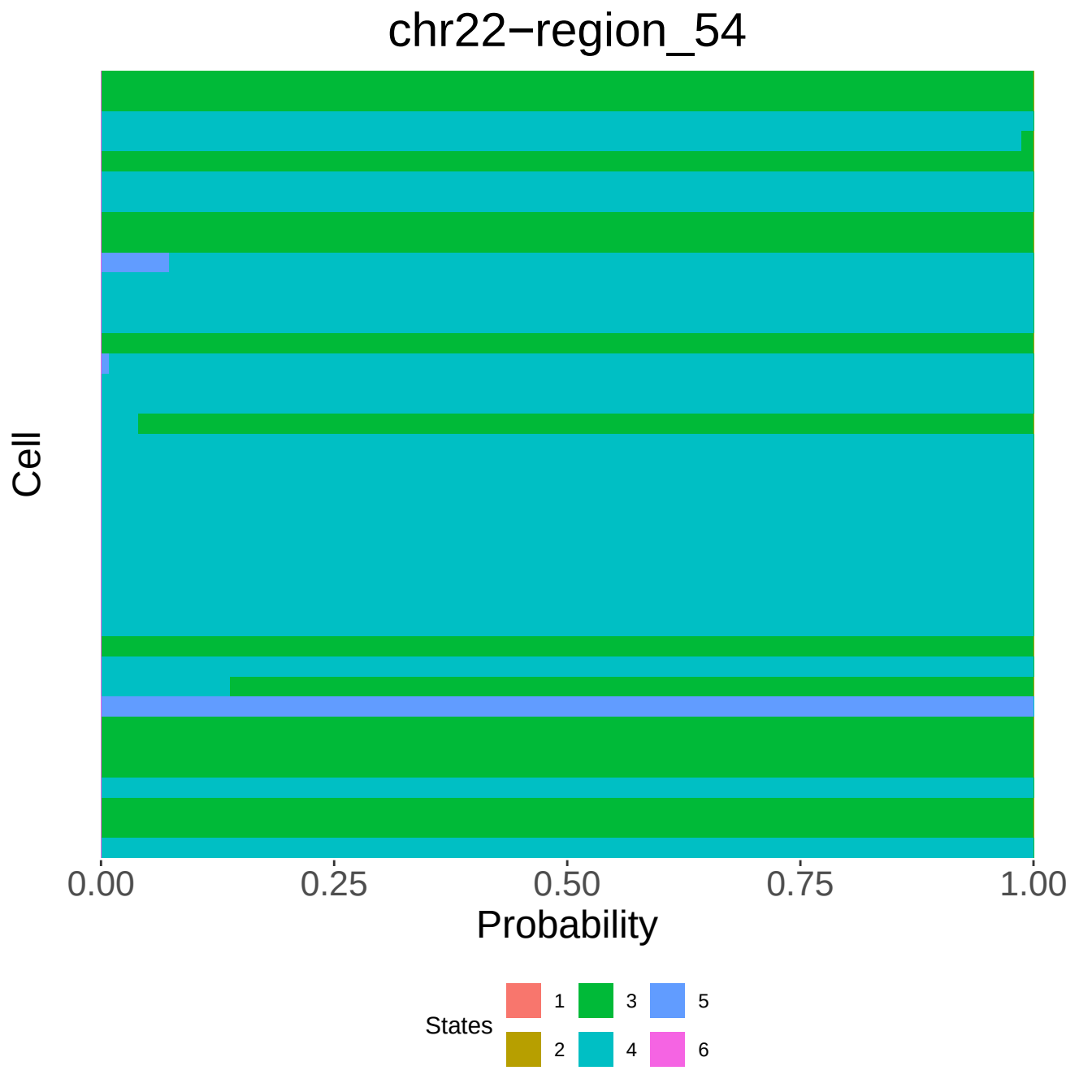
0.75
1.00
Probability
States
1
2
3
4
5
6


chr22−region_54
Cell
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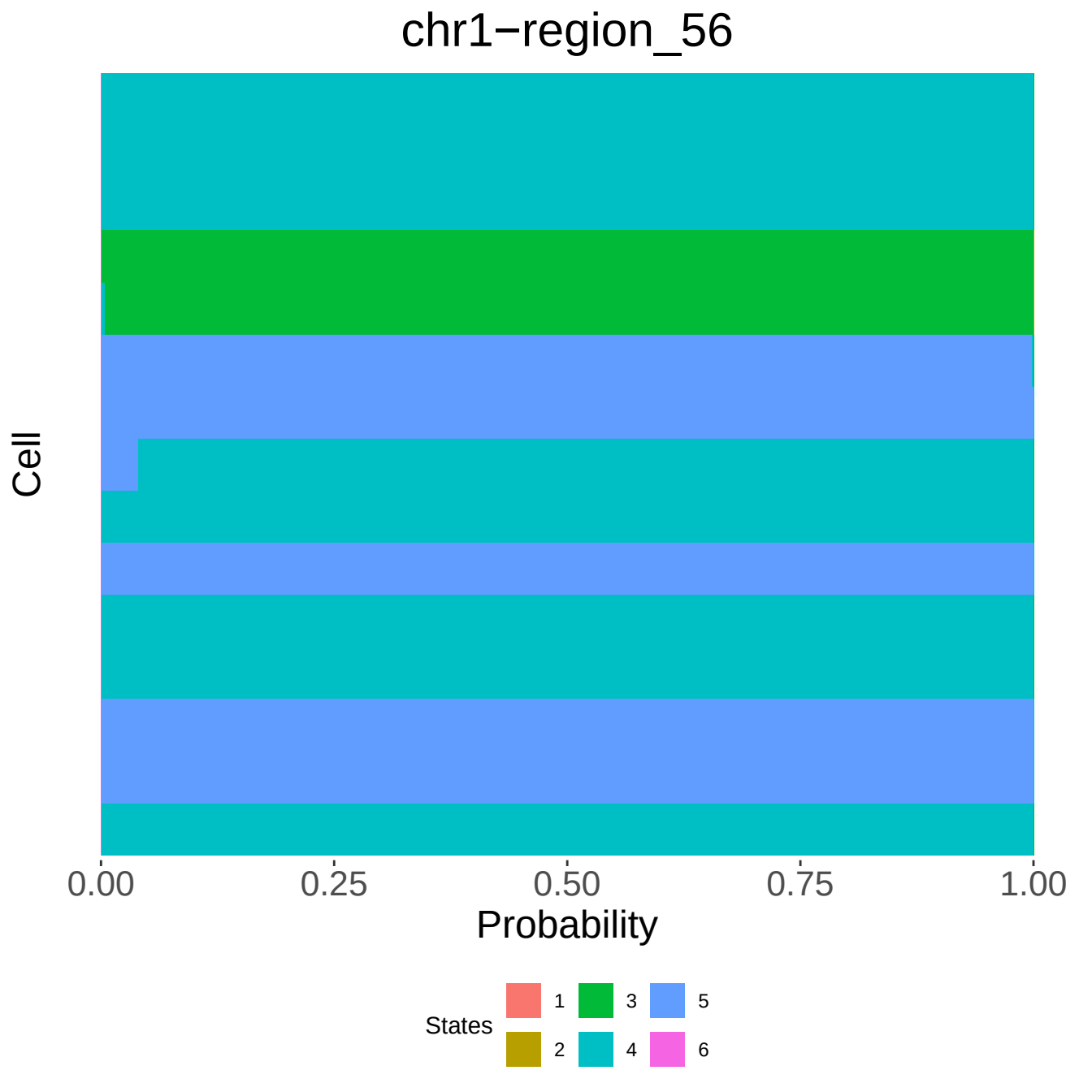
0.75
1.00
Probability
States
1
2
3
4
5
6


chr1−region_56
Cell
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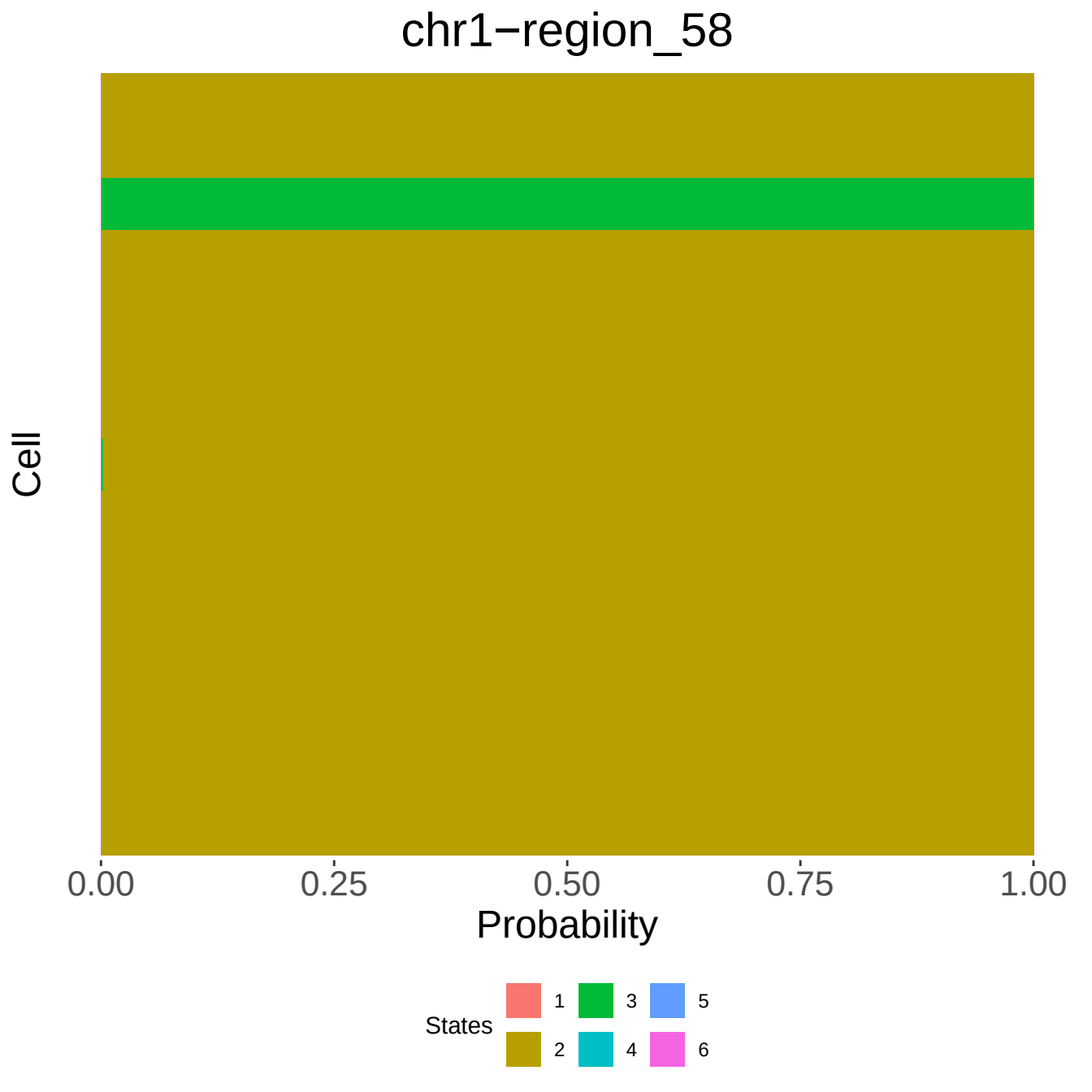
0.75
1.00
Probability
States
1
2
3
4
5
6


chr1−region_58
Cell
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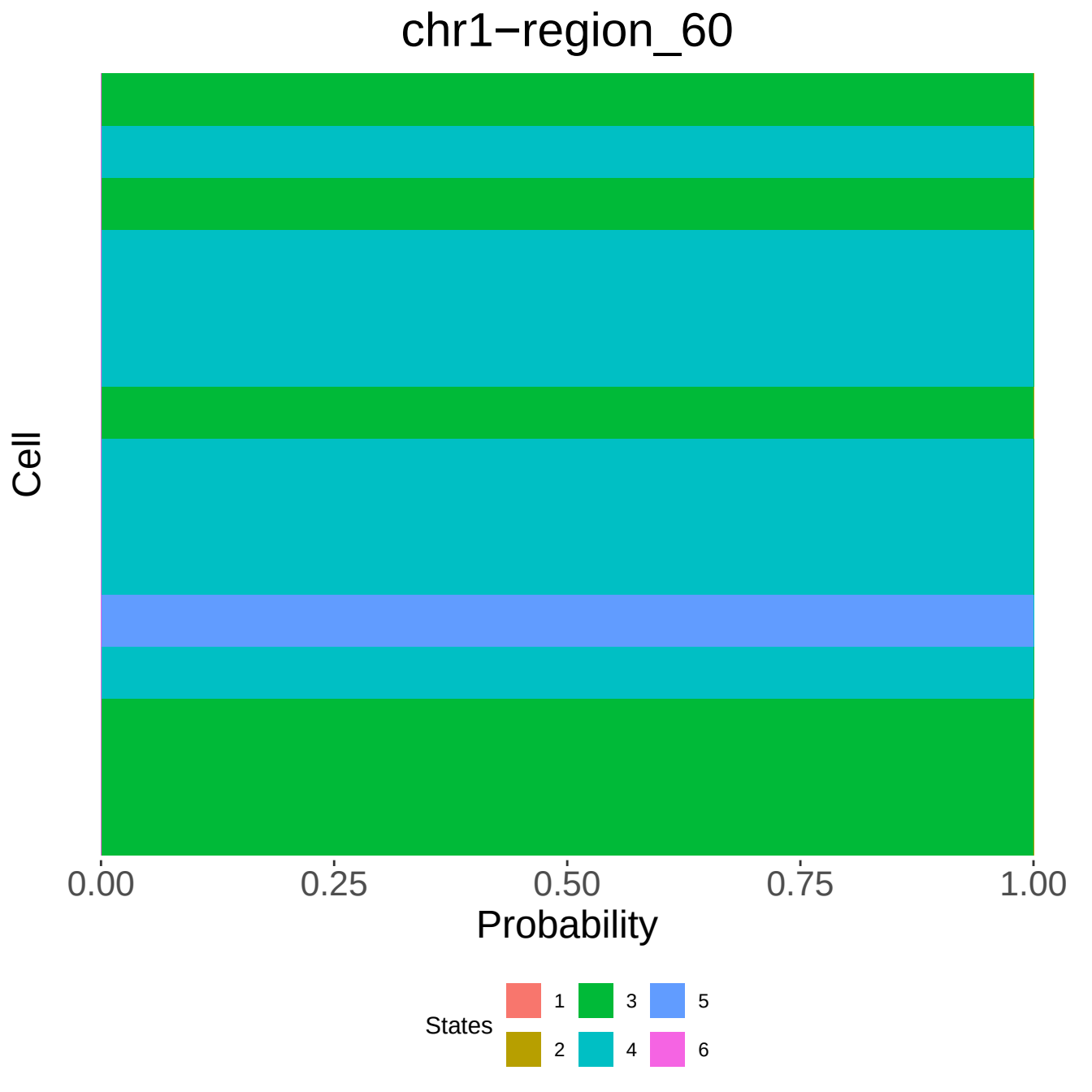
0.50
0.75
1.00
Probability
States
1
2
3
4
5
6


chr1−region_60
Cell
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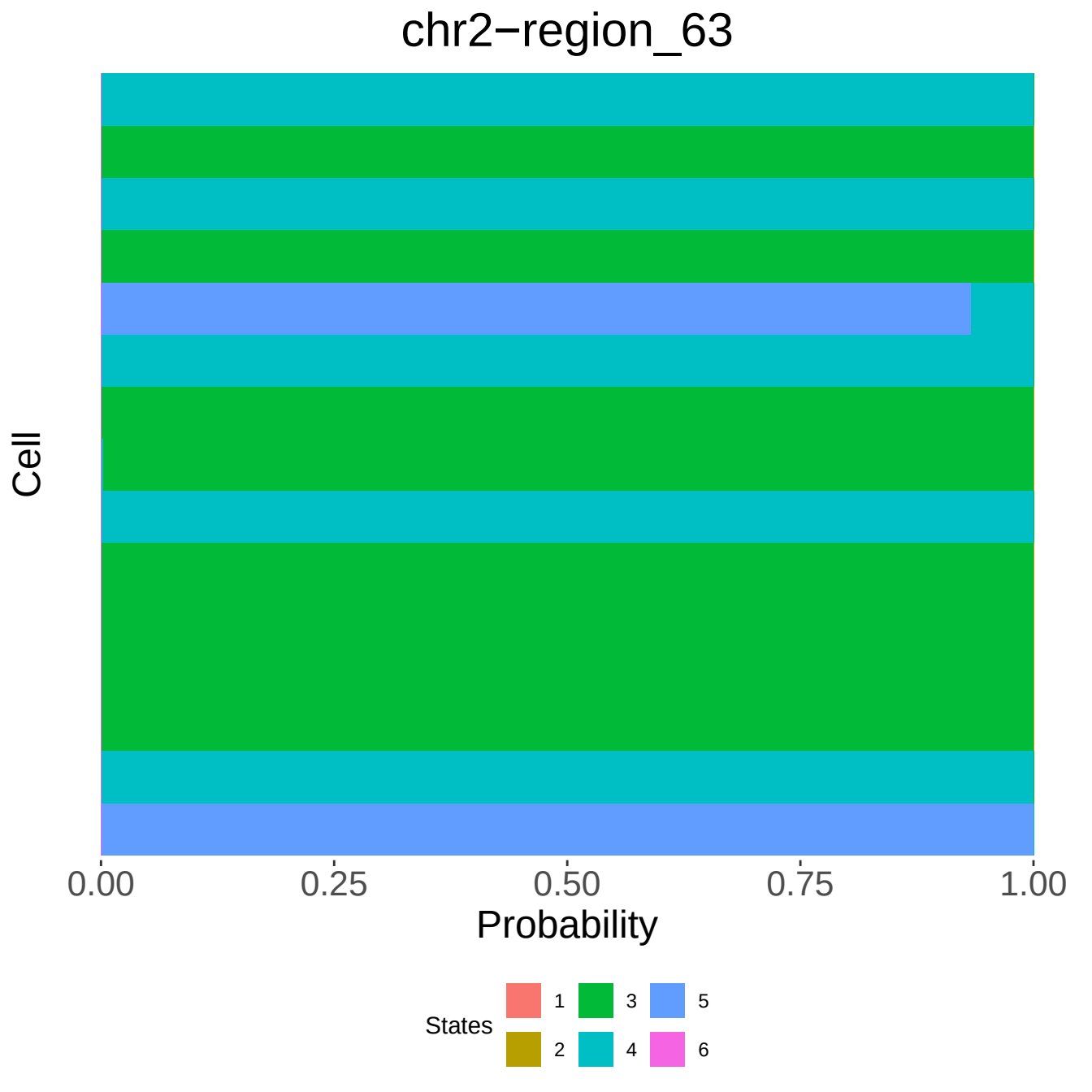
0.25
0.50
0.75
1.00
Probability
States
1
2
3
4
5
6


chr2−region_63
Cell
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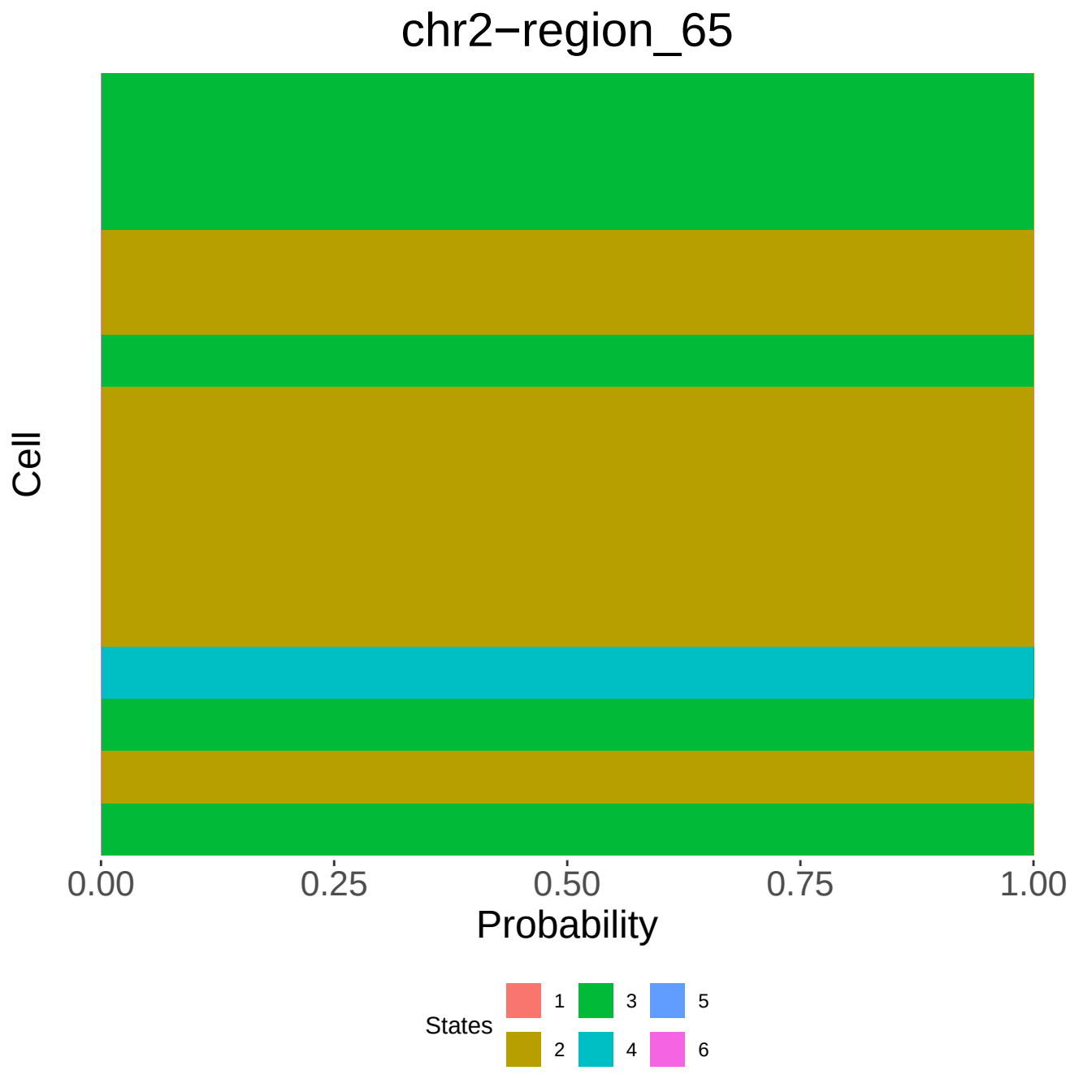
0.50
0.75
1.00
Probability
States
1
2
3
4
5
6


chr2−region_65
Cell
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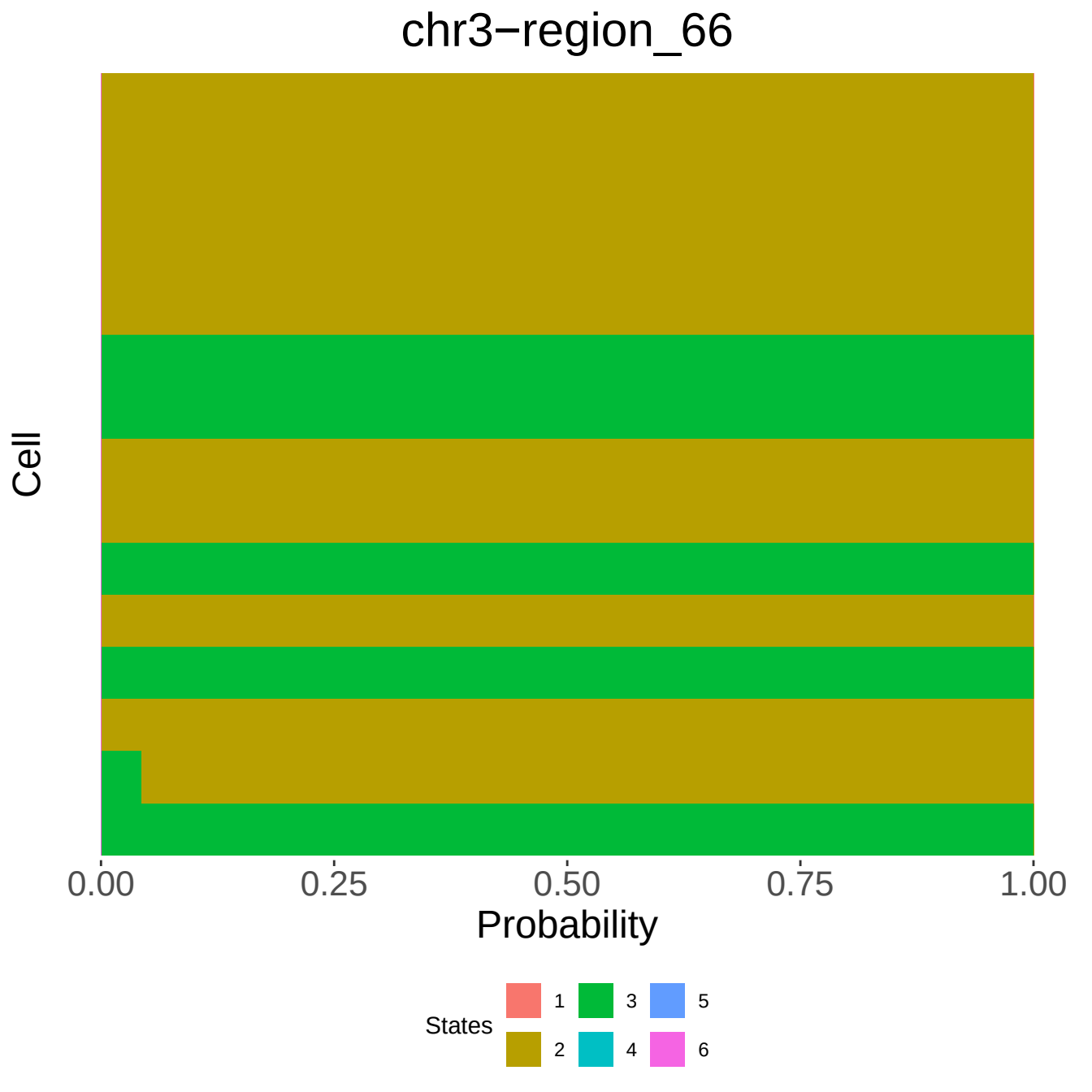
0.25
0.50
0.75
1.00
Probability
States
1
2
3
4
5
6


chr3−region_66
Cell
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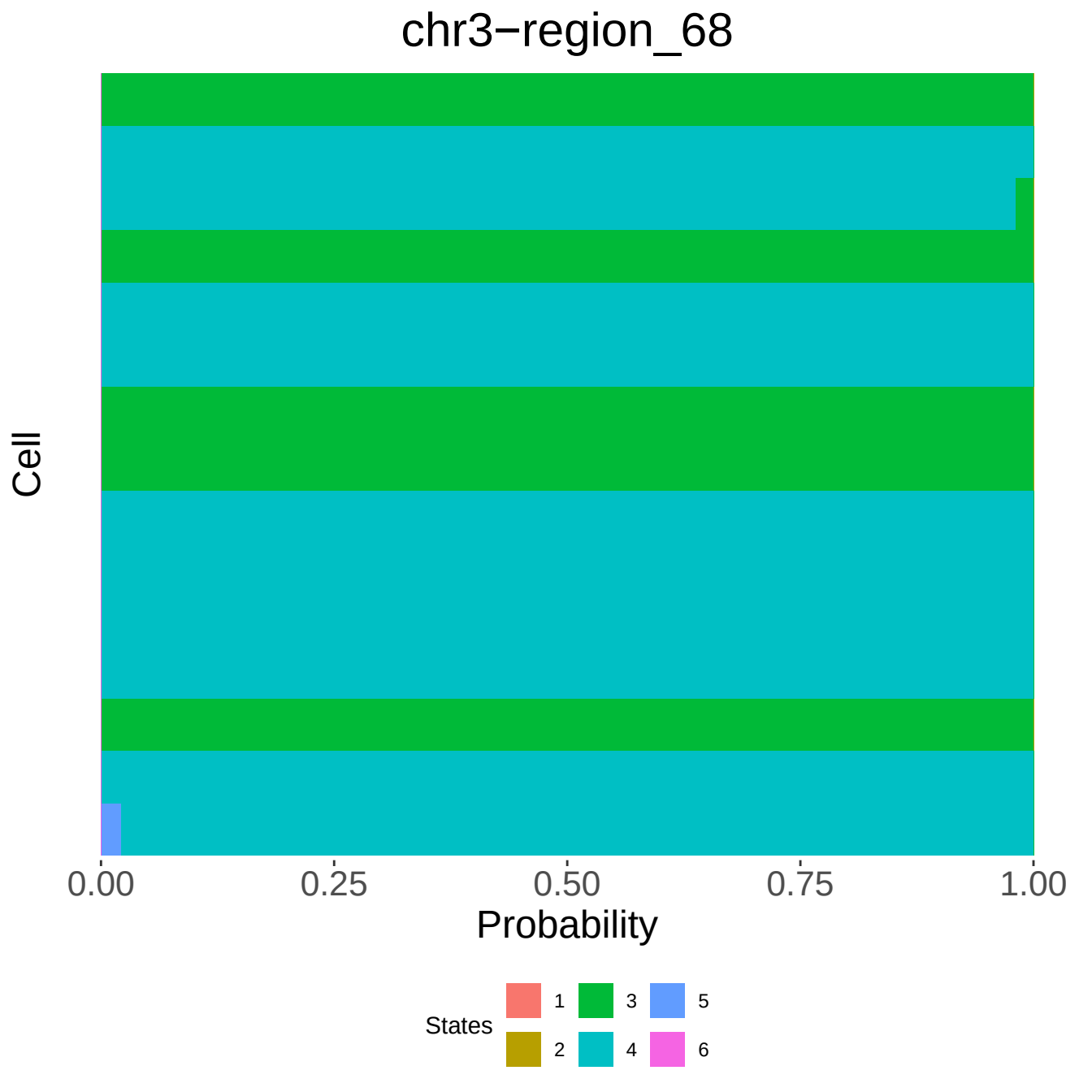
0.25
0.50
0.75
1.00
Probability
States
1
2
3
4
5
6


chr3−region_68
Cell
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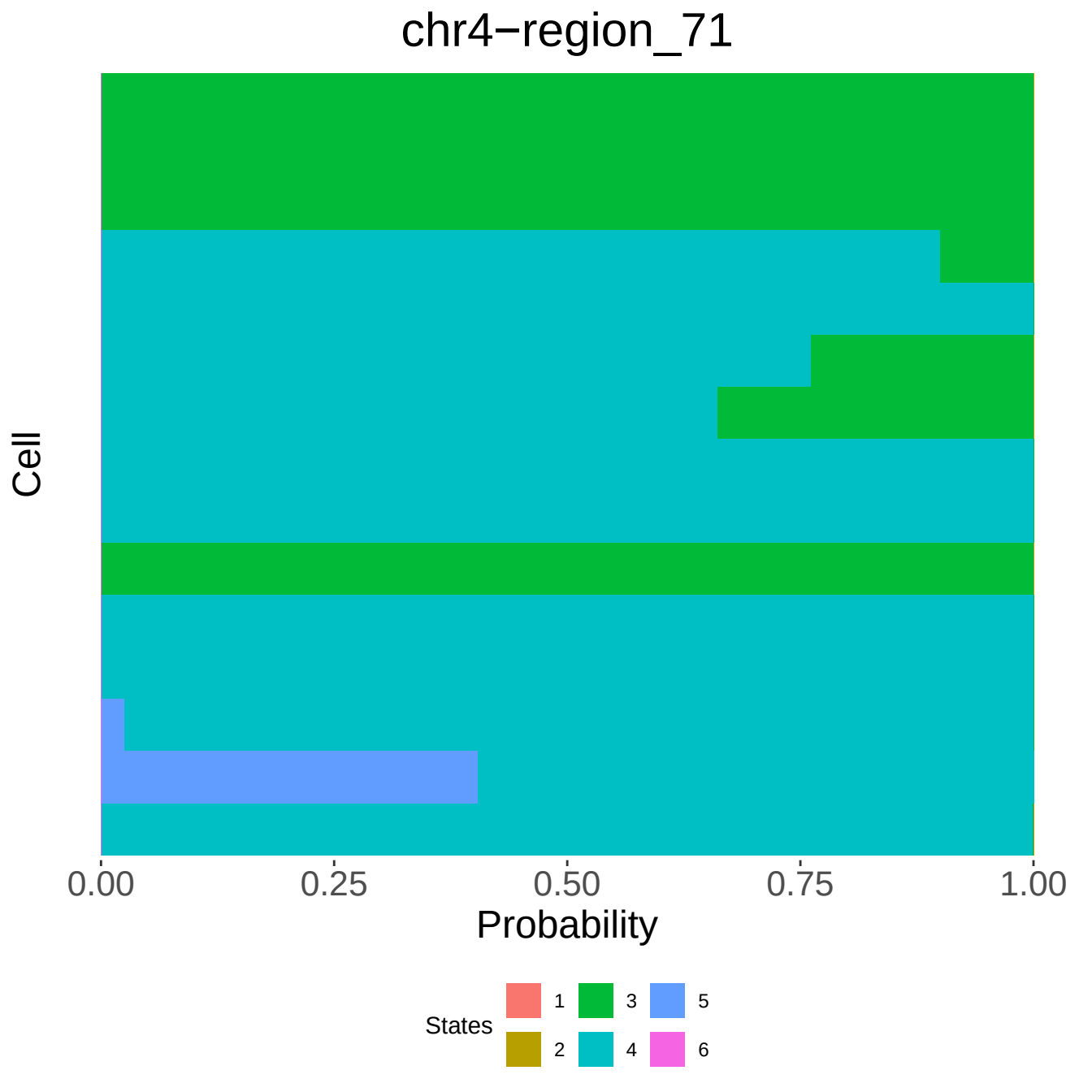
0.50
0.75
1.00
Probability
States
1
3
5
2
4
6


chr4−region_71
Cell
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0.50
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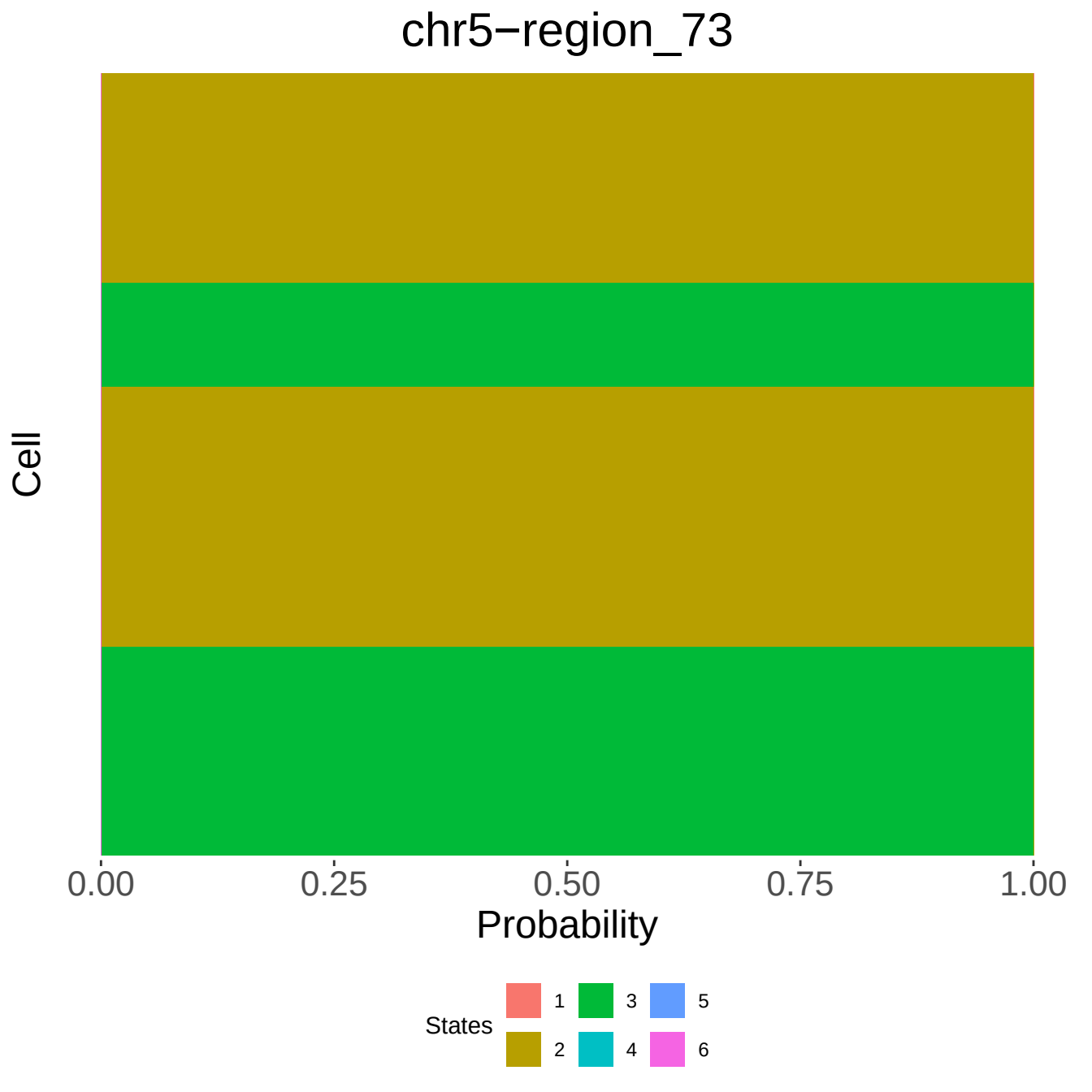
1.00
Probability
States
1
2
3
4
5
6


chr5−region_73
Cell
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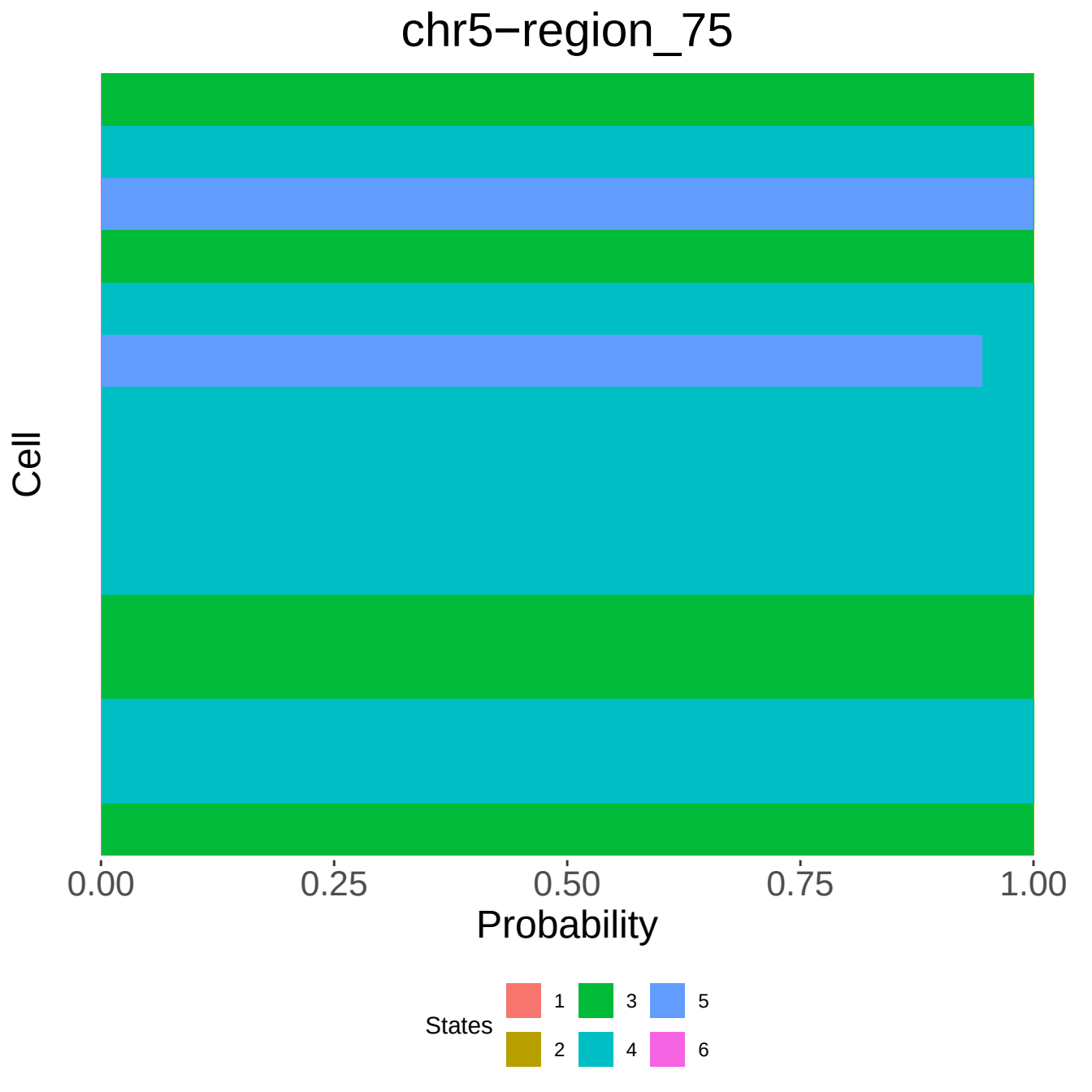
0.50
0.75
1.00
Probability
States
1
2
3
4
5
6


chr5−region_75
Cell
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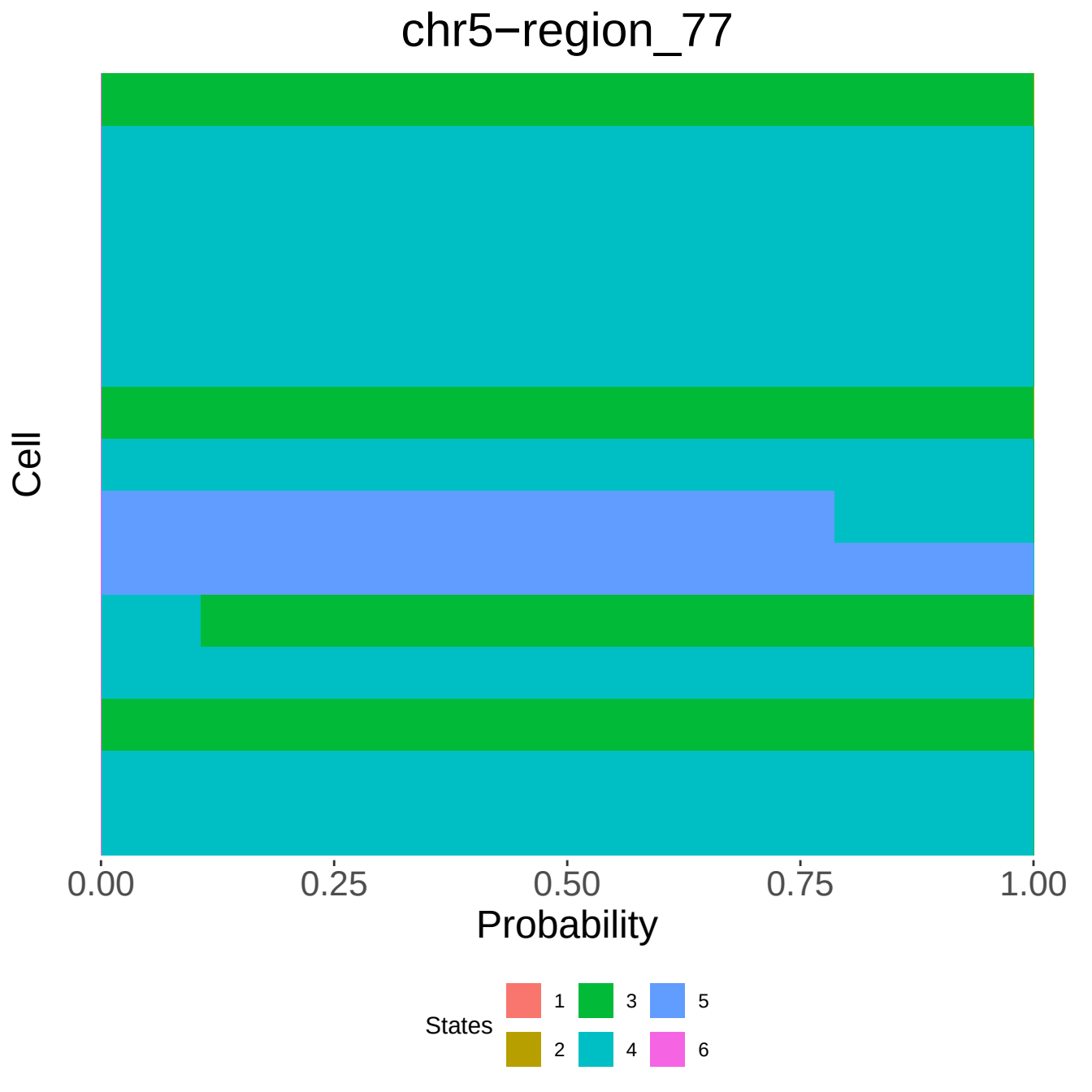
0.25
0.50
0.75
1.00
Probability
States
1
2
3
4
5
6


chr5−region_77
Cell
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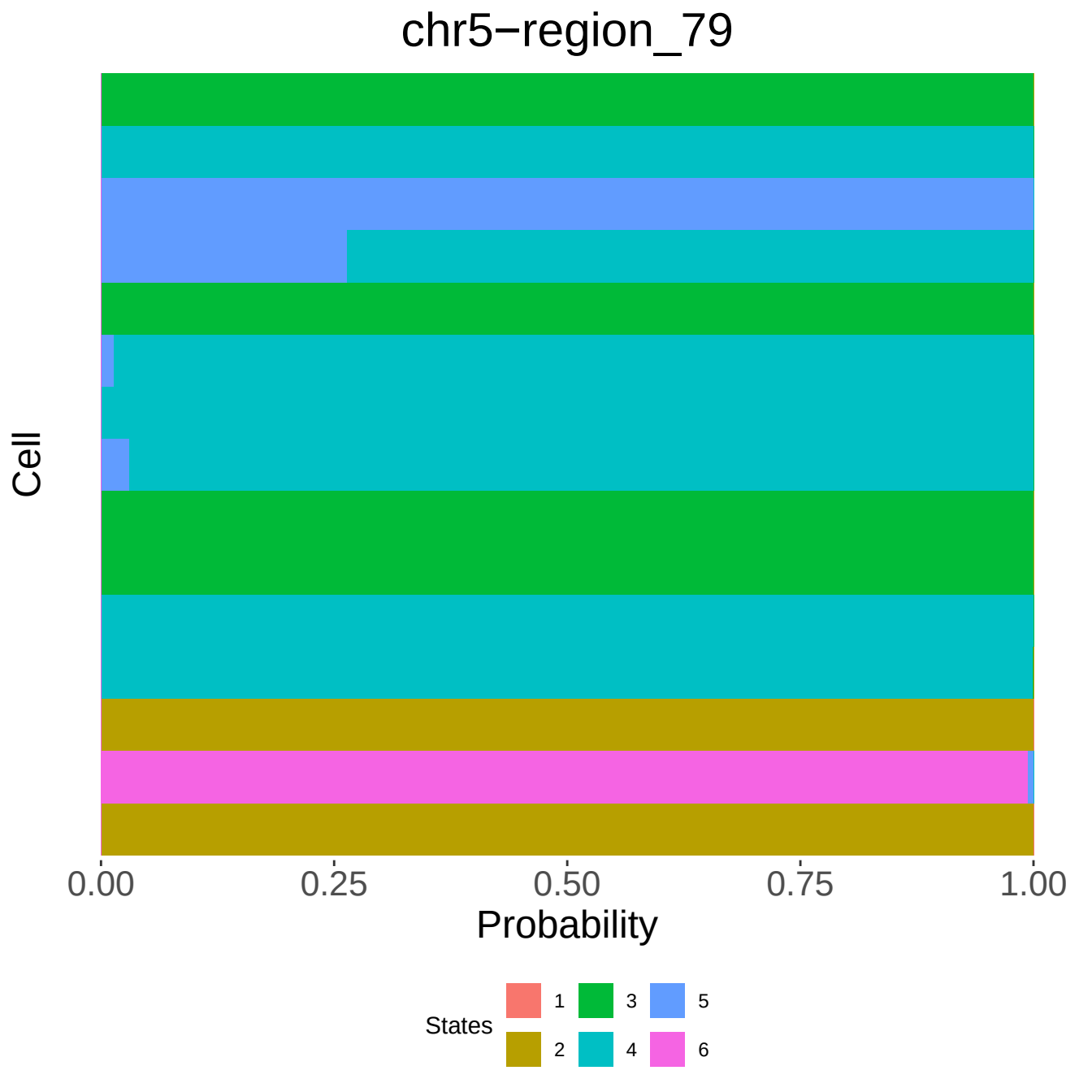
0.75
1.00
Probability
States
1
2
3
4
5
6


chr5−region_79
Cell
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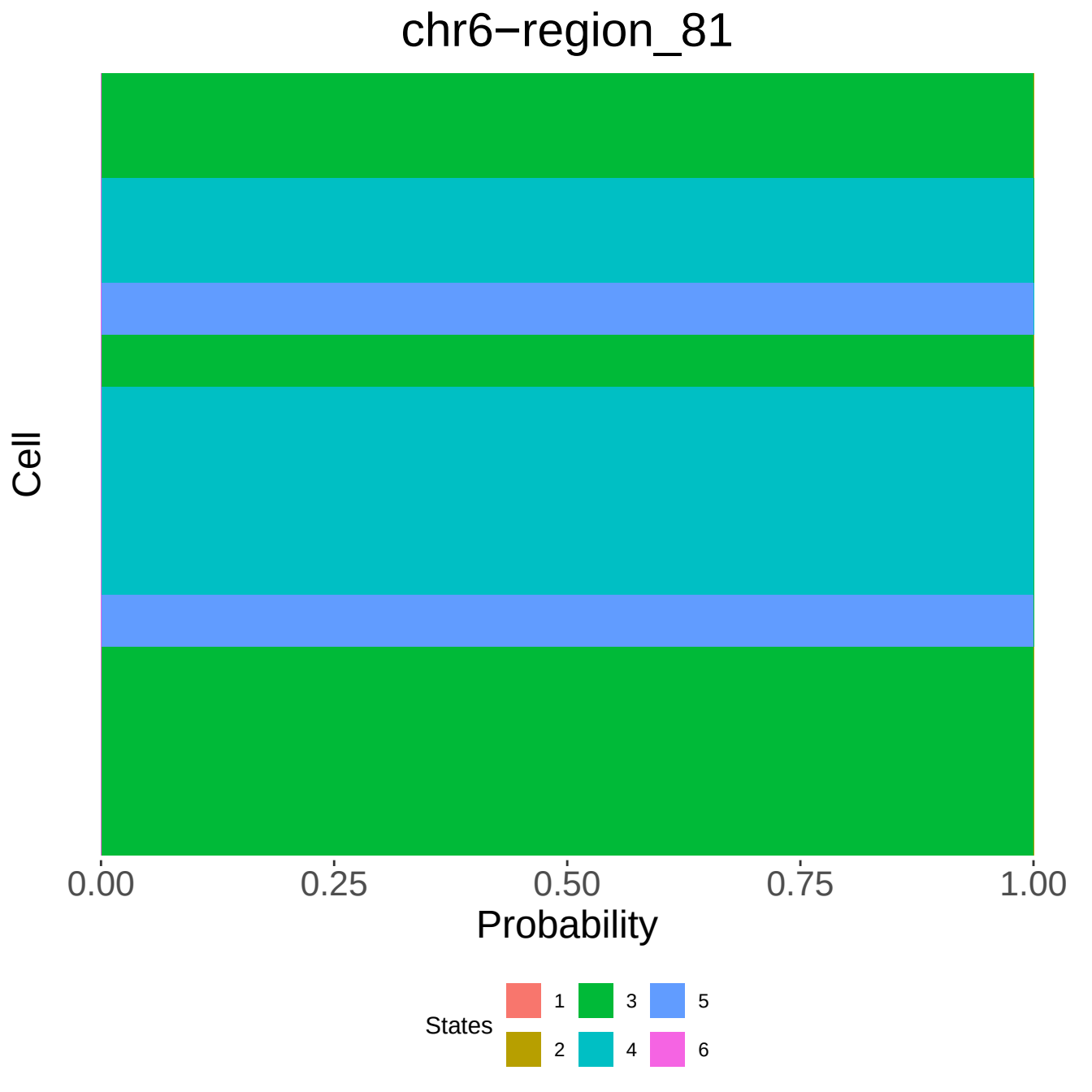
0.50
0.75
1.00
Probability
States
1
3
5
2
4
6


chr6−region_81
Cell
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0.50
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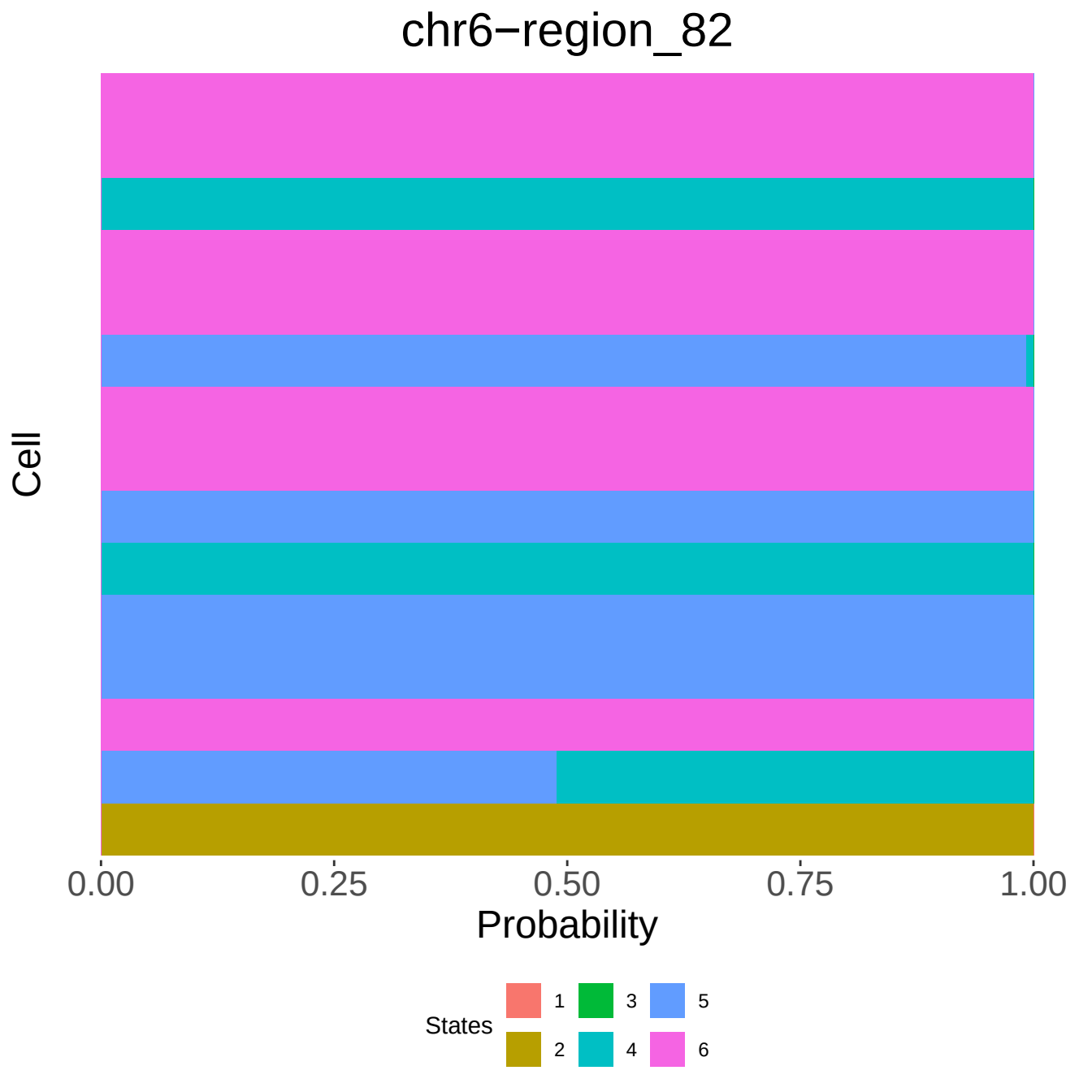
1.00
Probability
States
1
2
3
4
5
6


chr6−region_82
Cell
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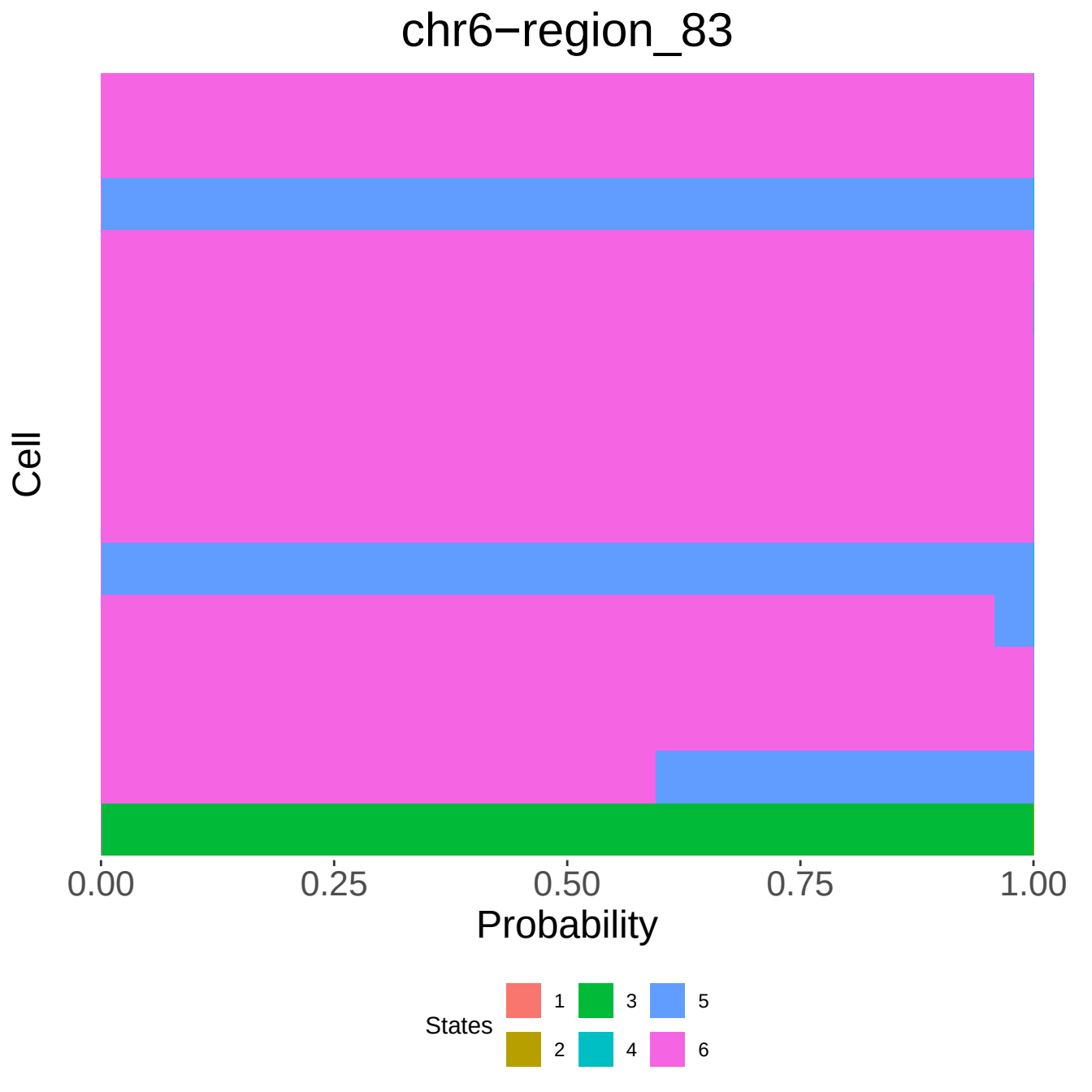
0.50
0.75
1.00
Probability
States
1
2
3
4
5
6


chr6−region_83
Cell
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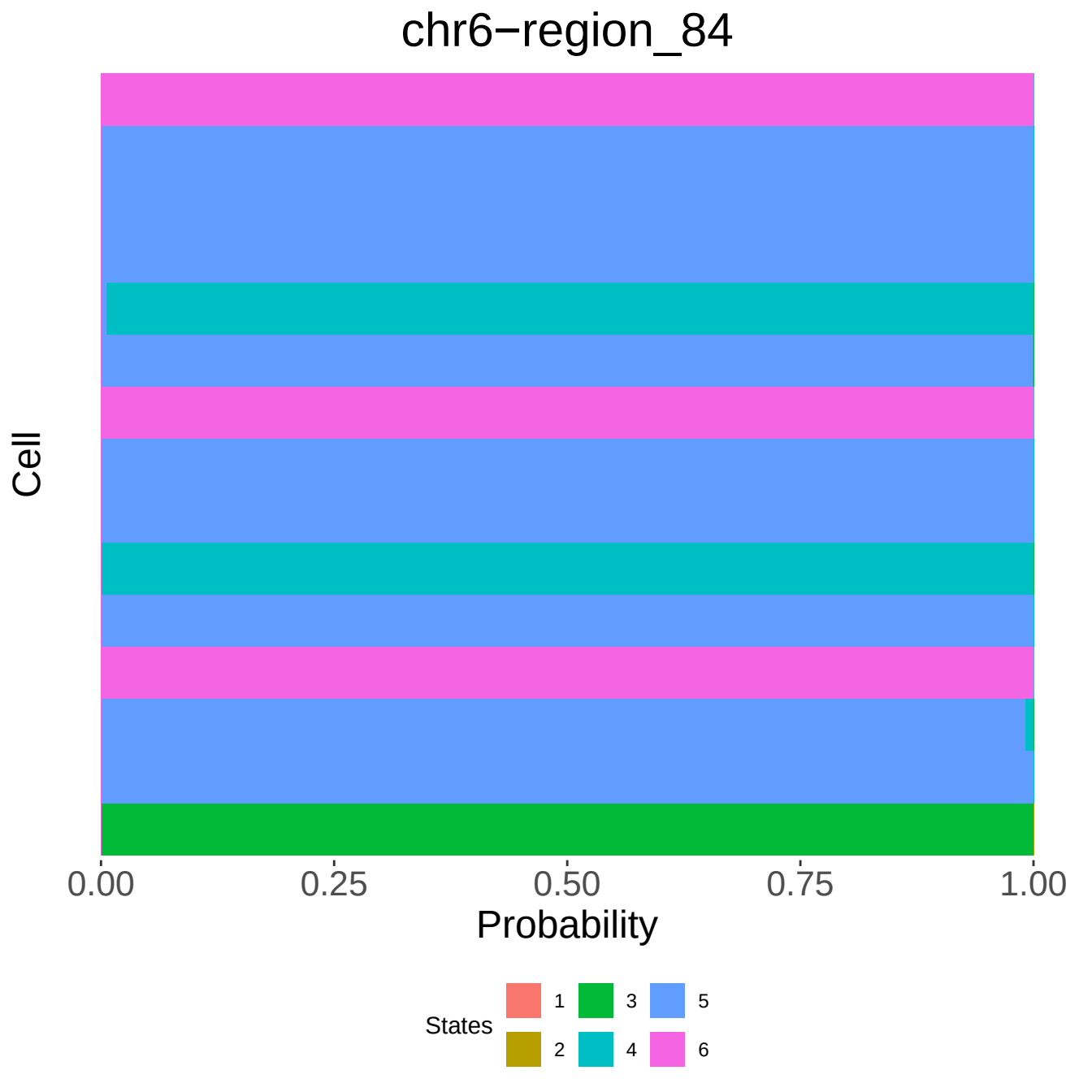
0.25
0.50
0.75
1.00
Probability
States
1
2
3
4
5
6


chr6−region_84
Cell
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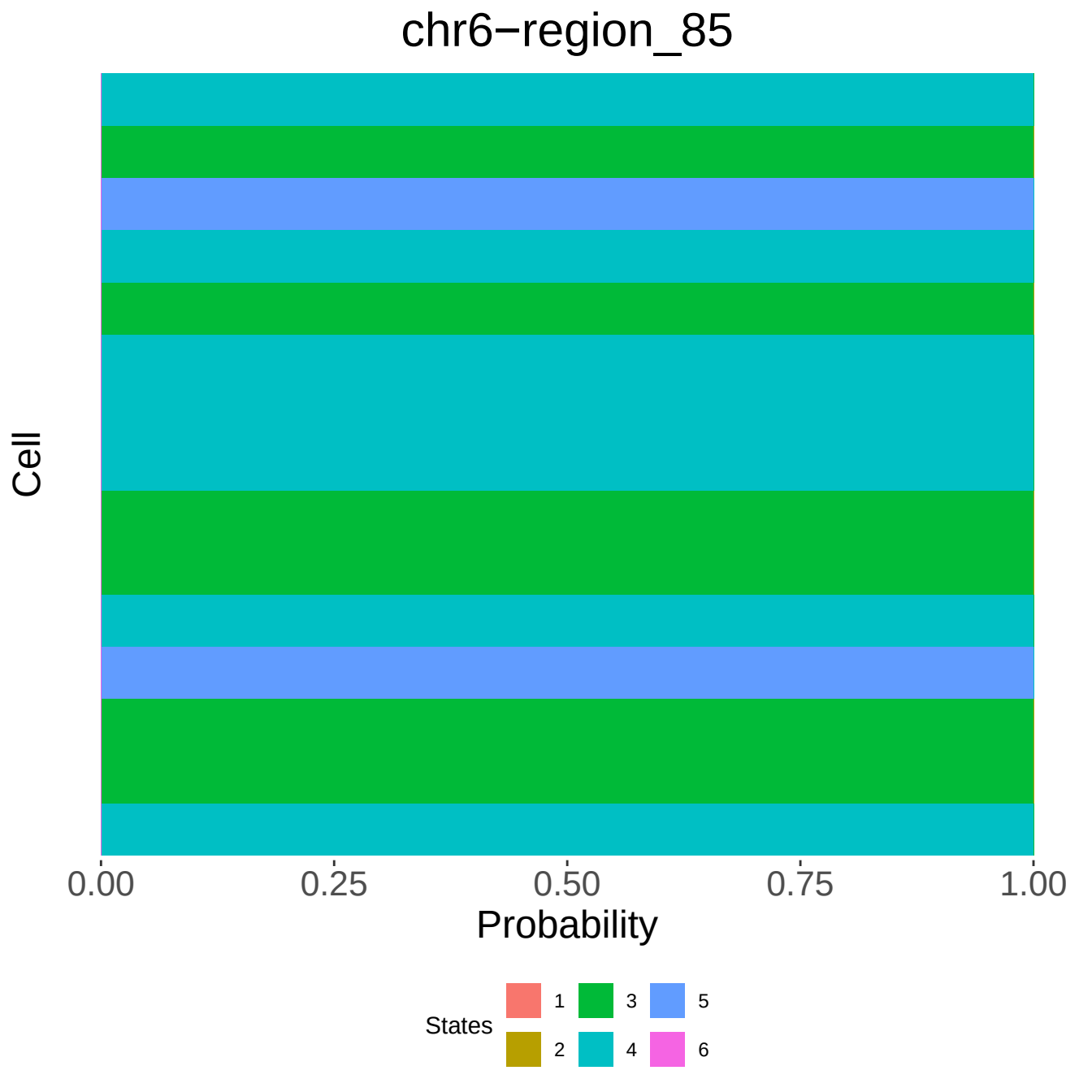
0.25
0.50
0.75
1.00
Probability
States
1
2
3
4
5
6


chr6−region_85
Cell
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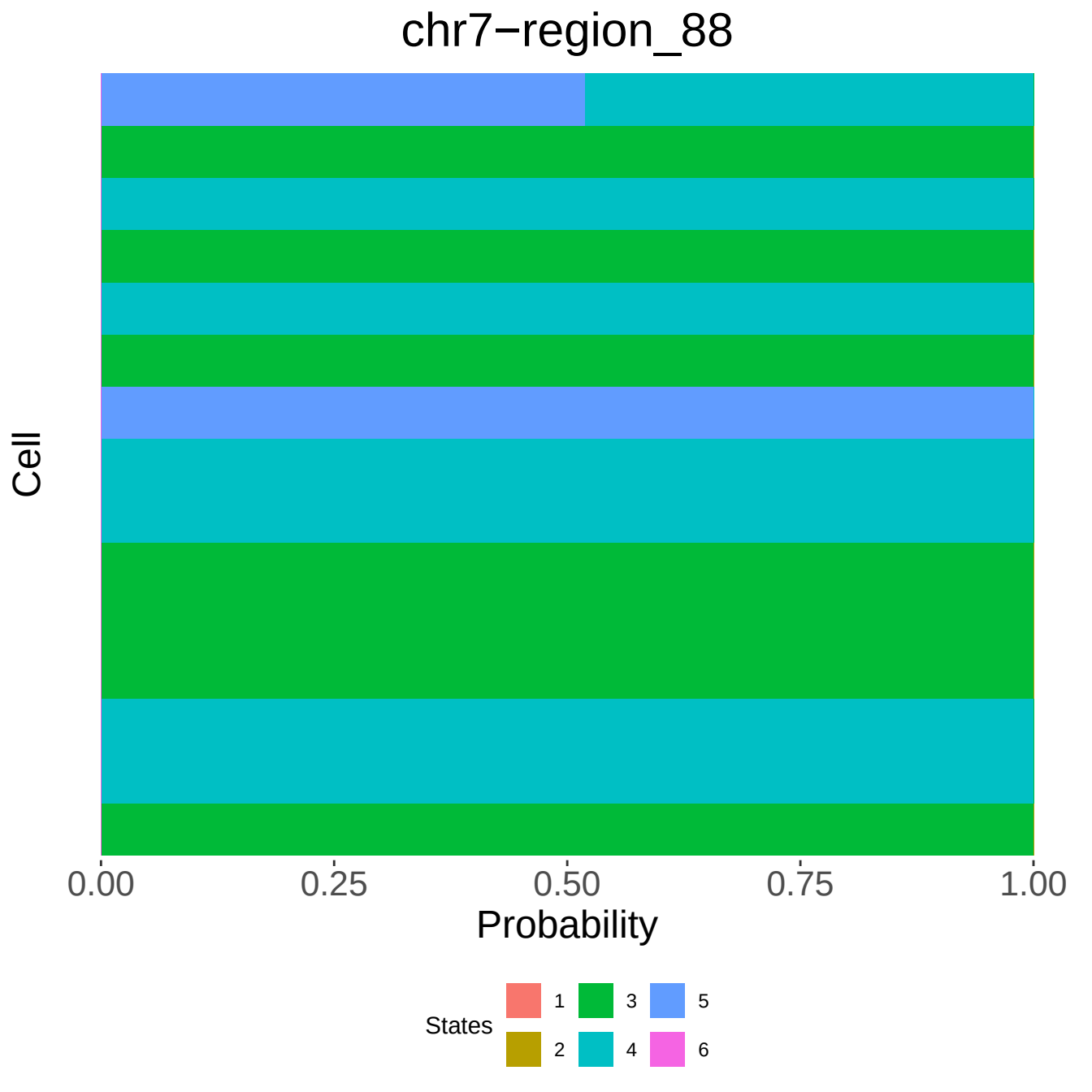
0.25
0.50
0.75
1.00
Probability
States
1
3
5
2
4
6


chr7−region_88
Cell
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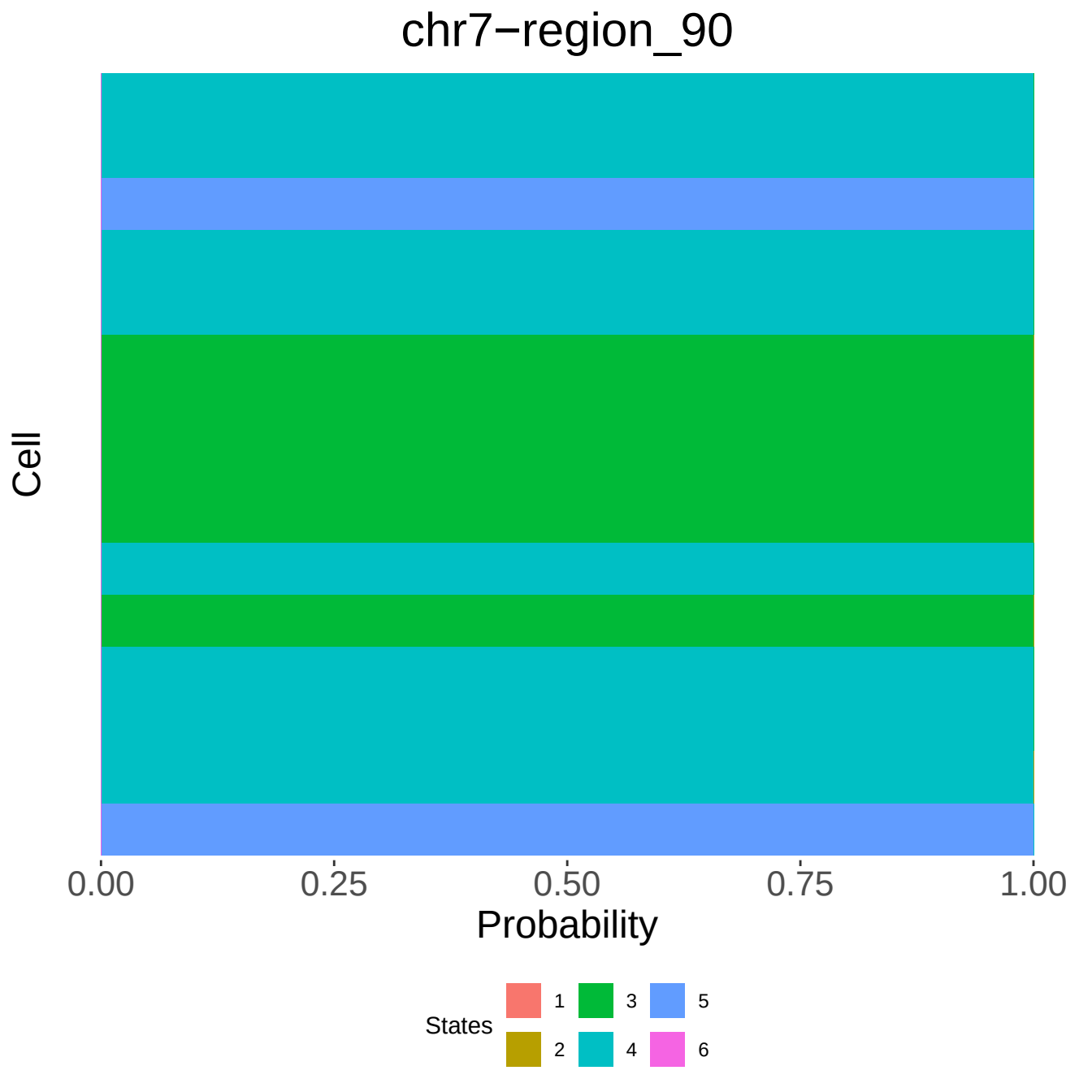
0.25
0.50
0.75
1.00
Probability
States
1
2
3
4
5
6


chr7−region_90
Cell
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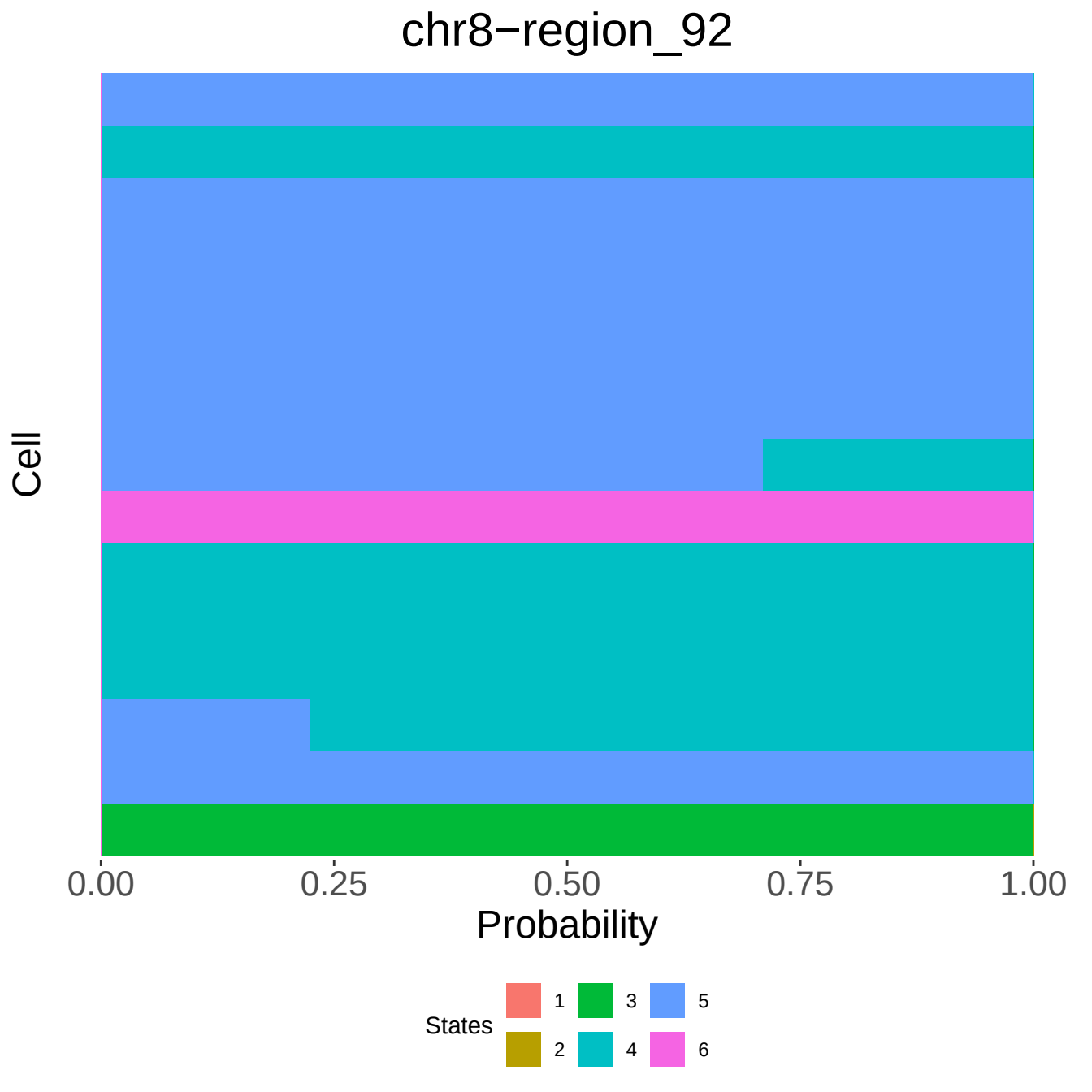
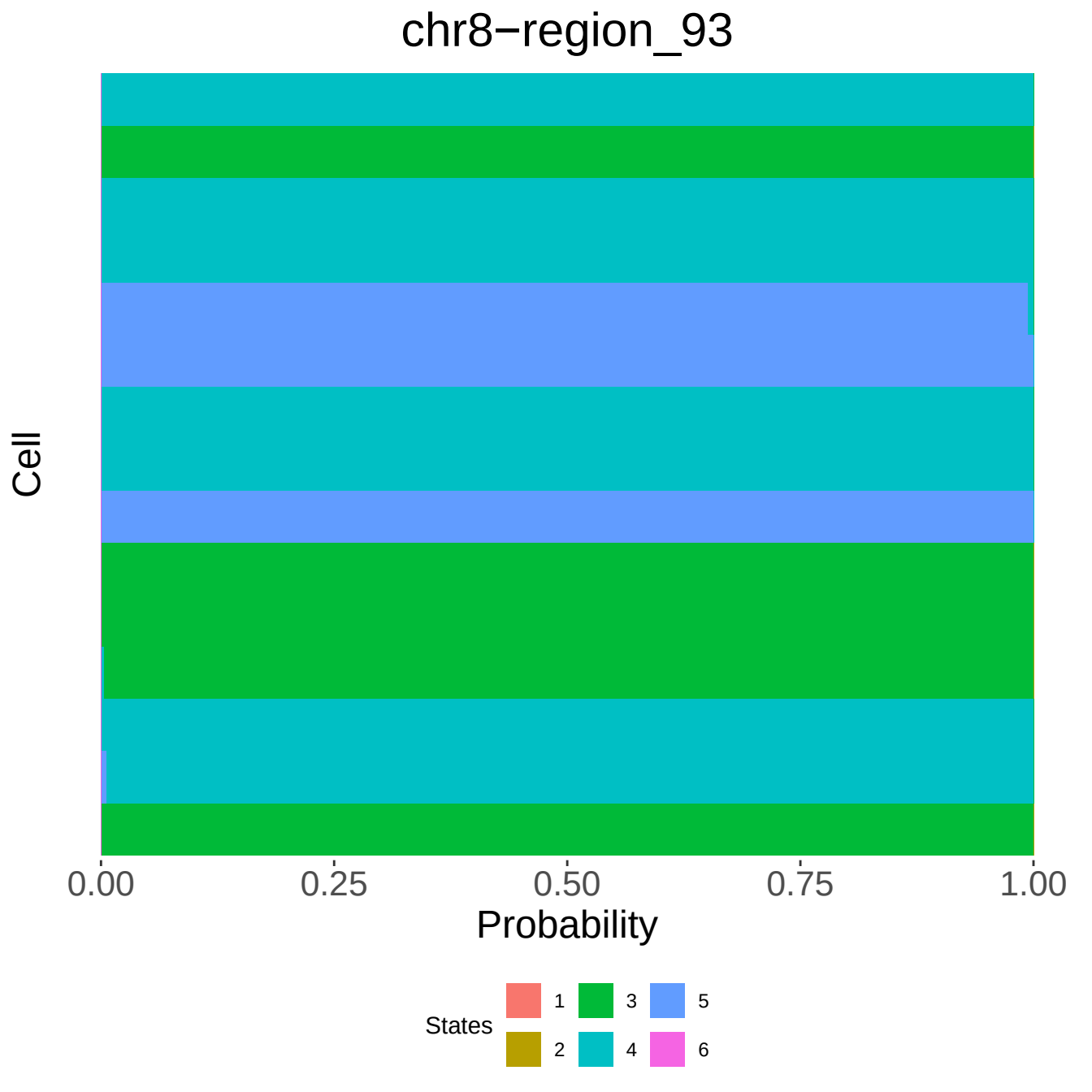
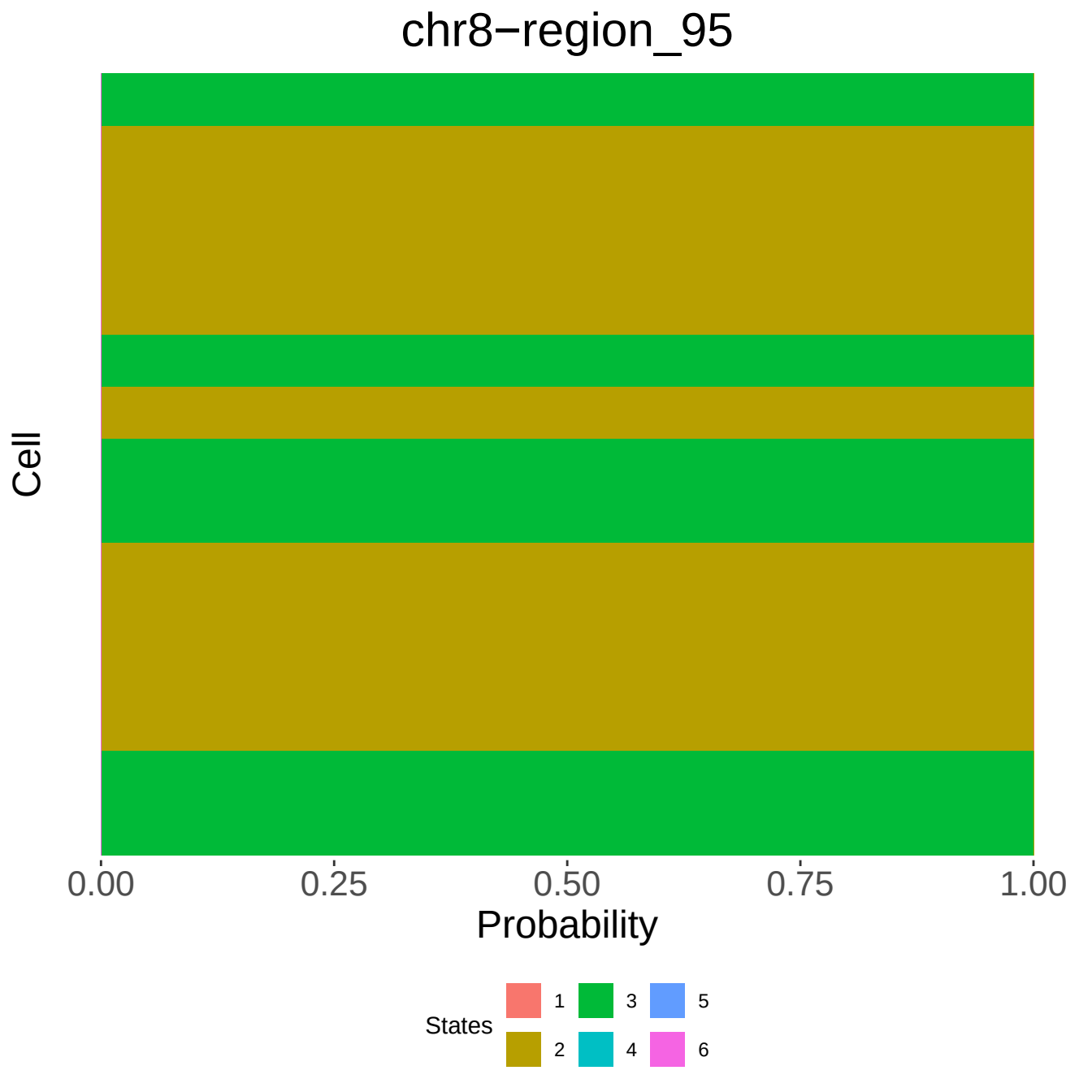
0.25
0.50
0.75
1.00
Probability
States
1
3
5
2
4
6


chr8−region_92
Cell
0.00
0.25
0.50
0.75
1.00
Probability
States
1
2
3
4
5
6


chr8−region_93
Cell
0.00
0.25
0.50
0.75
1.00
Probability
States
1
2
3
4
5
6


chr8−region_95
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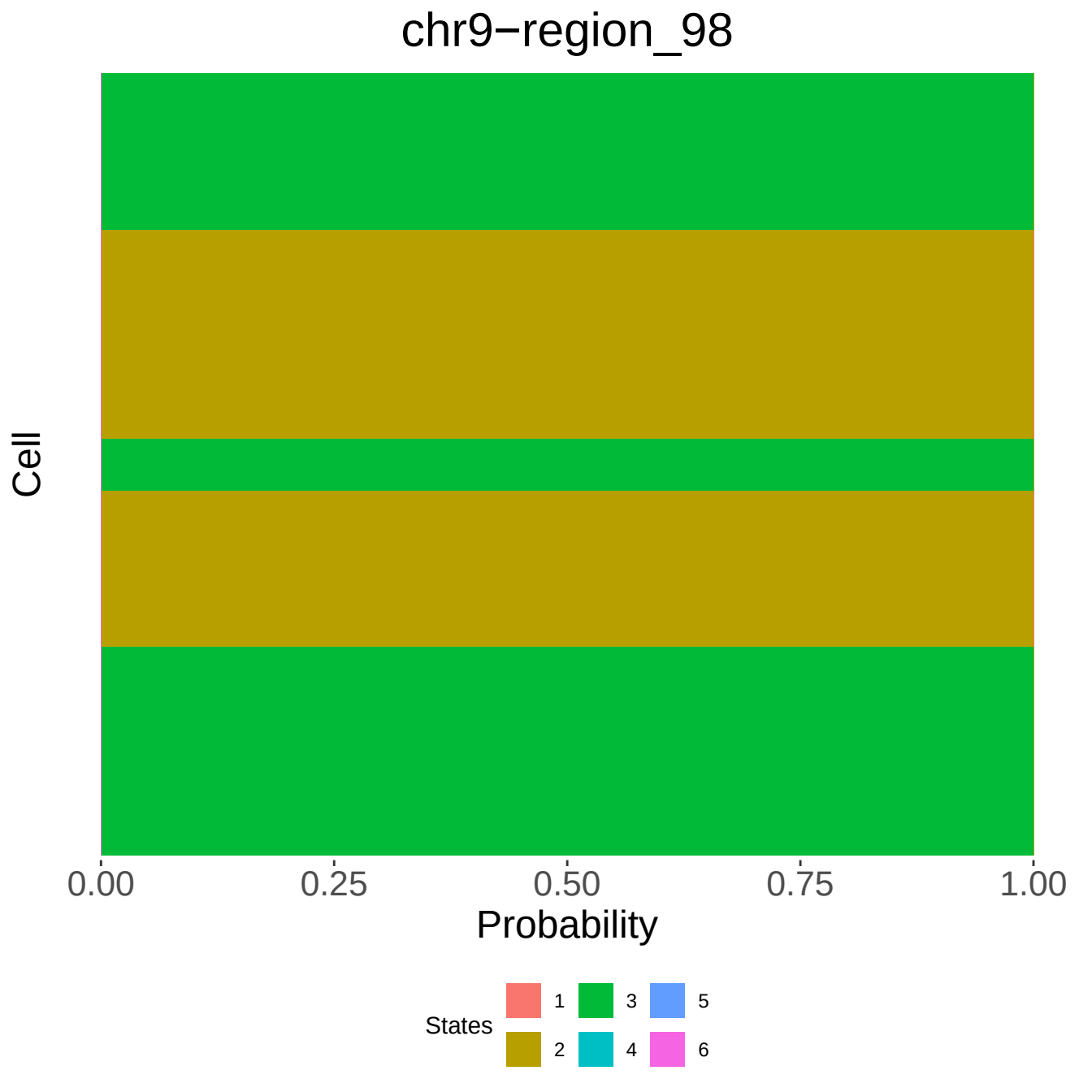
0.75
1.00
Probability
States
1
2
3
4
5
6


chr9−region_98
Cell
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0.75
1.00
Probability
States
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3
4
5
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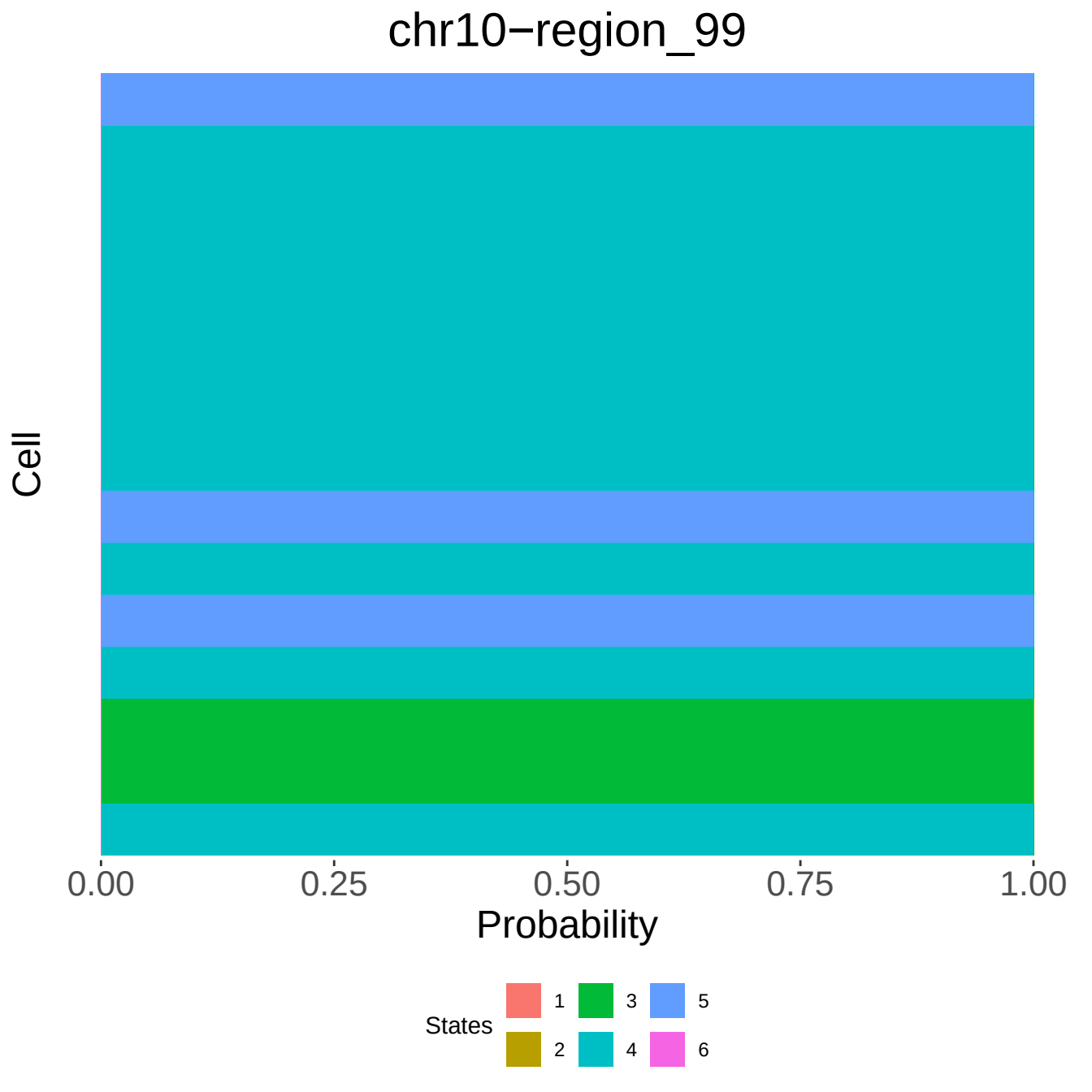
chr10−region_99
Cell
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0.25
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0.75
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Probability
States
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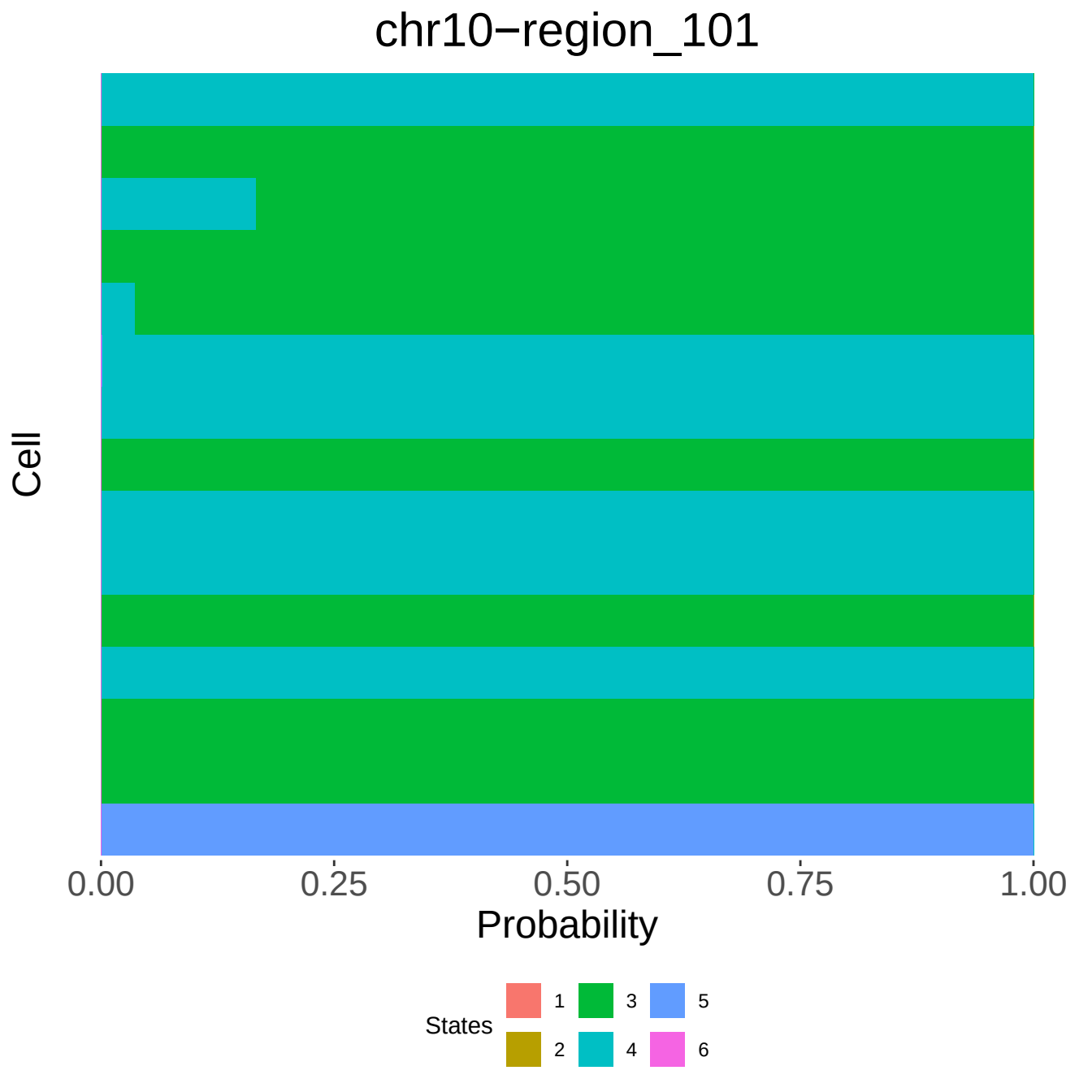
3
4
5
6


chr10−region_101
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Probability
States
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3
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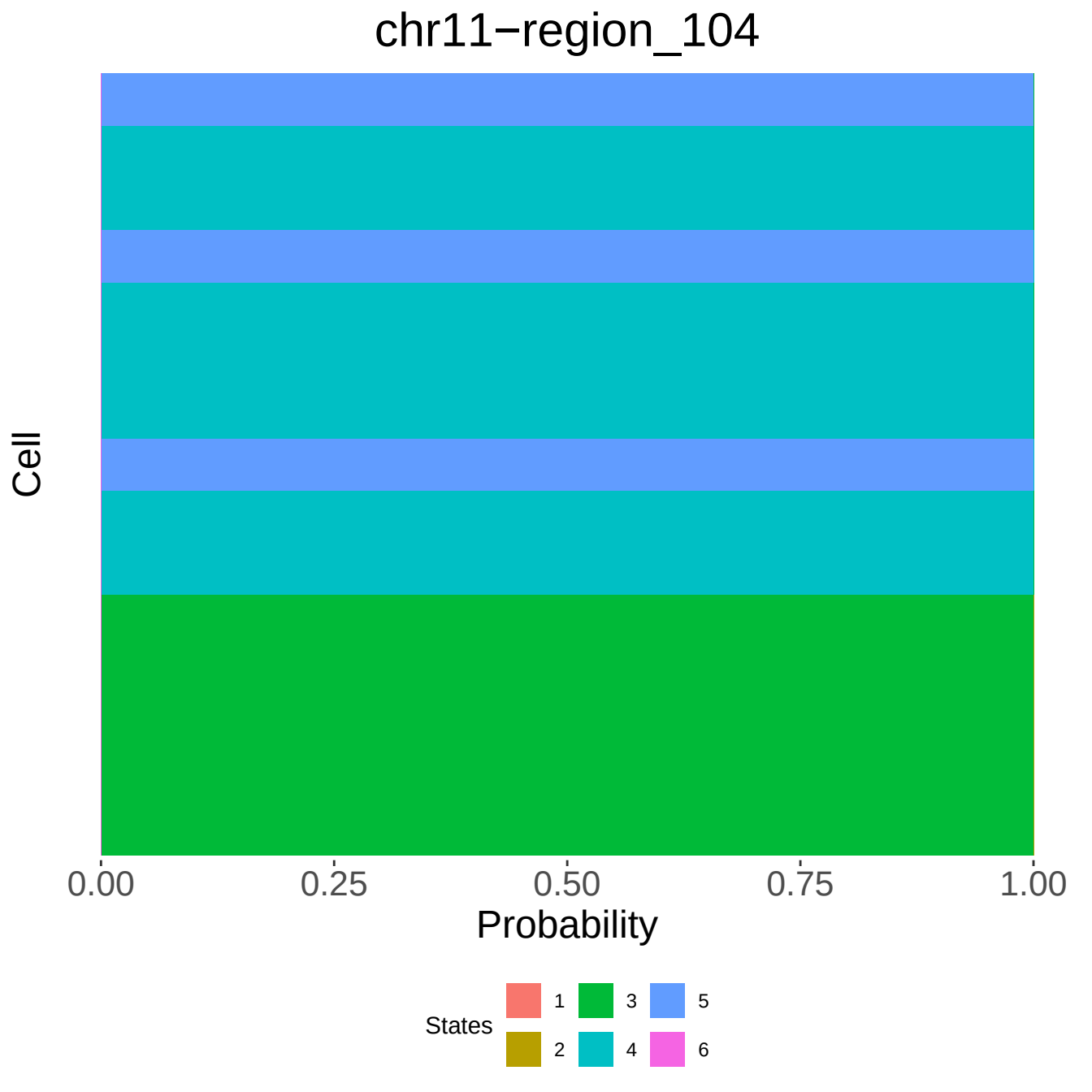
chr11−region_104
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Probability
States
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3
4
5
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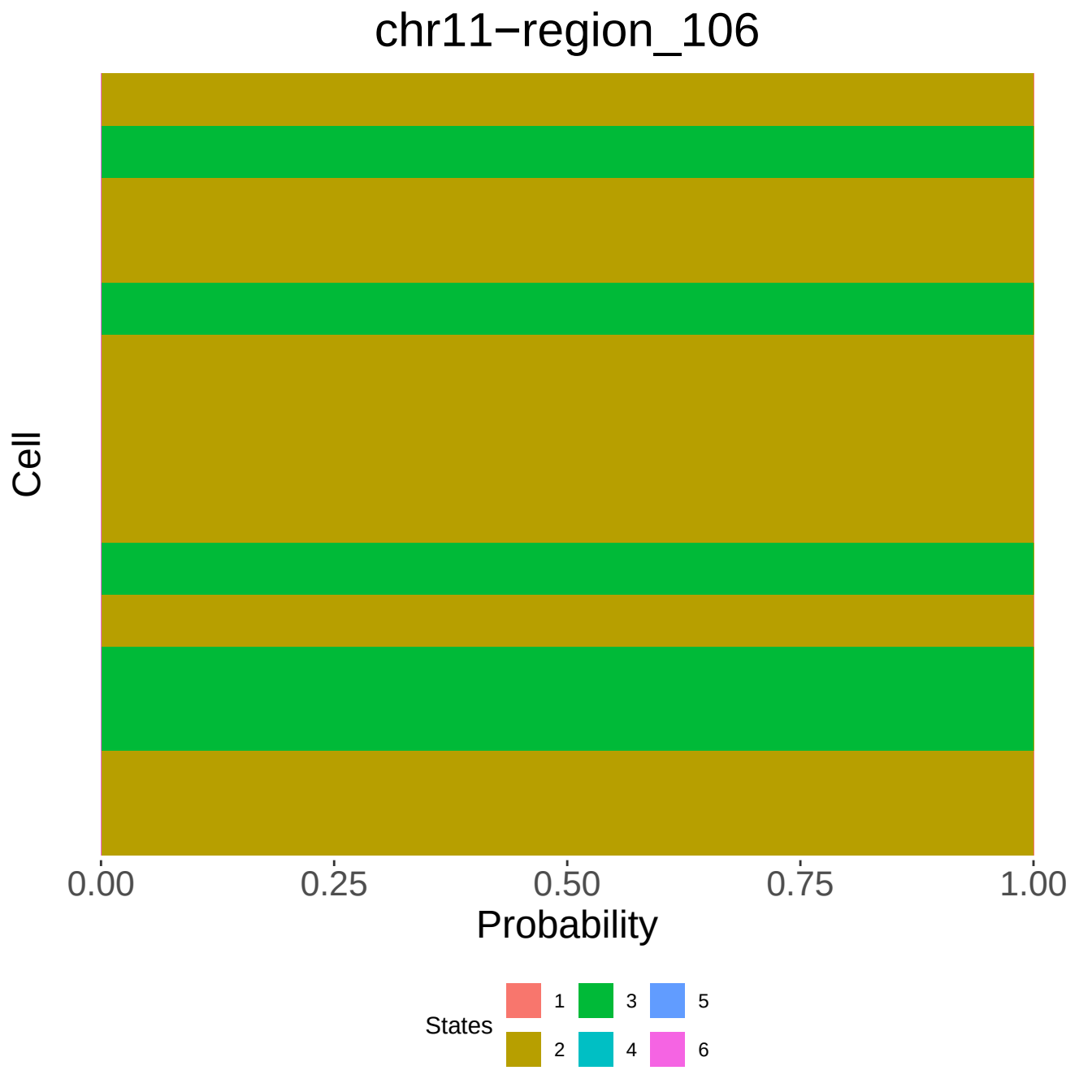
chr11−region_106
Cell
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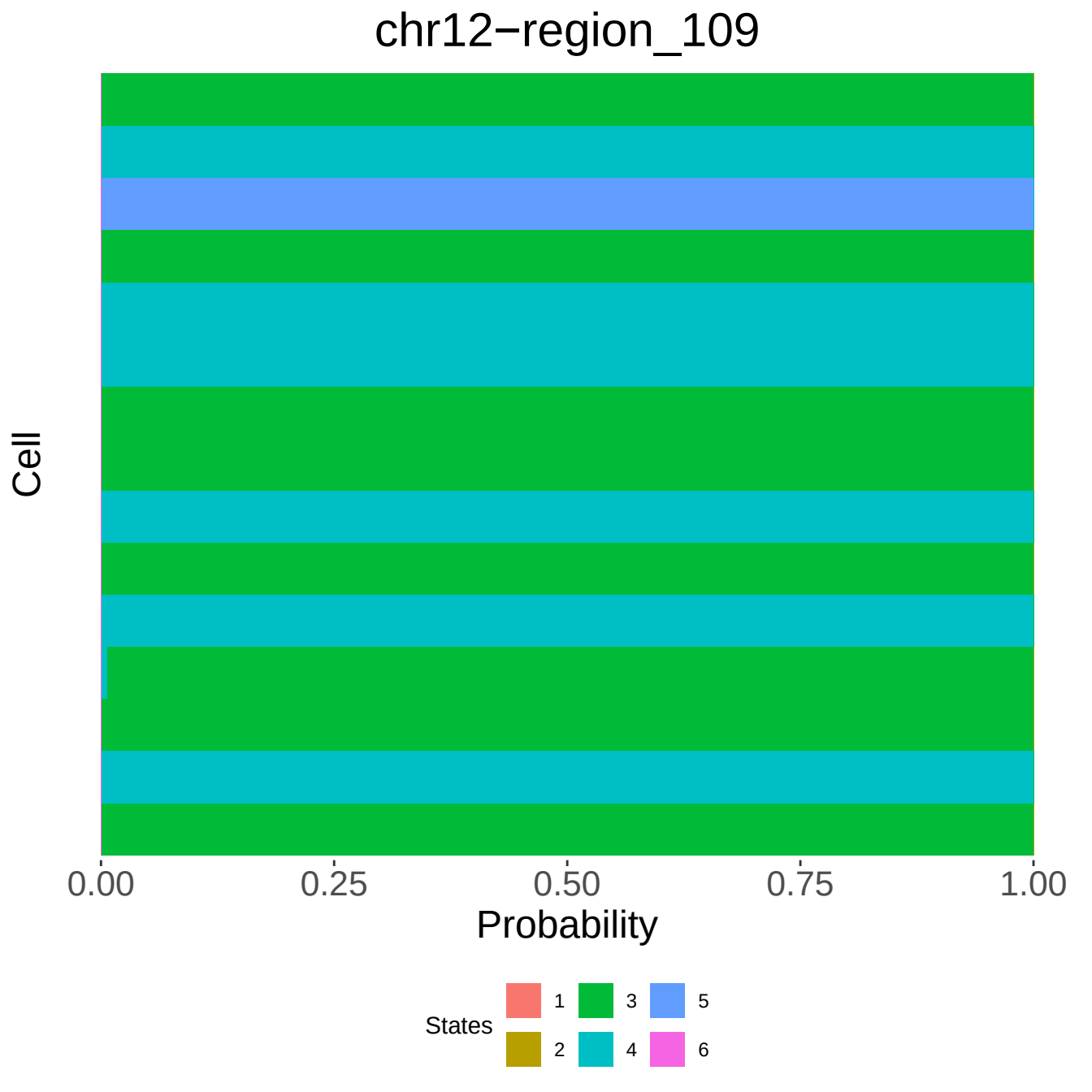
0.75
1.00
Probability
States
1
3
5
2
4
6


chr12−region_109
Cell
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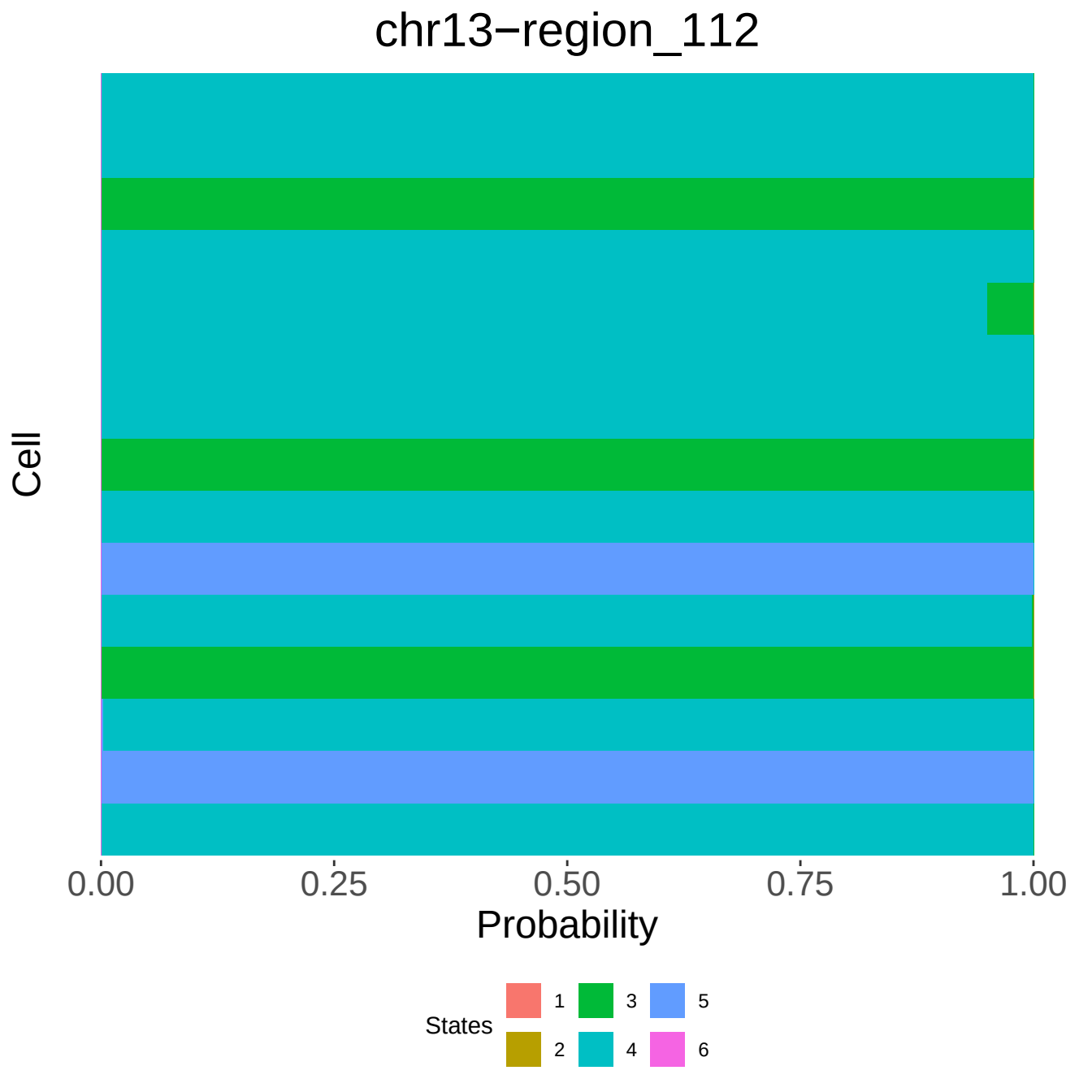
0.75
1.00
Probability
States
1
2
3
4
5
6


chr13−region_112
Cell
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0.75
1.00
Probability
States
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2
3
4
5
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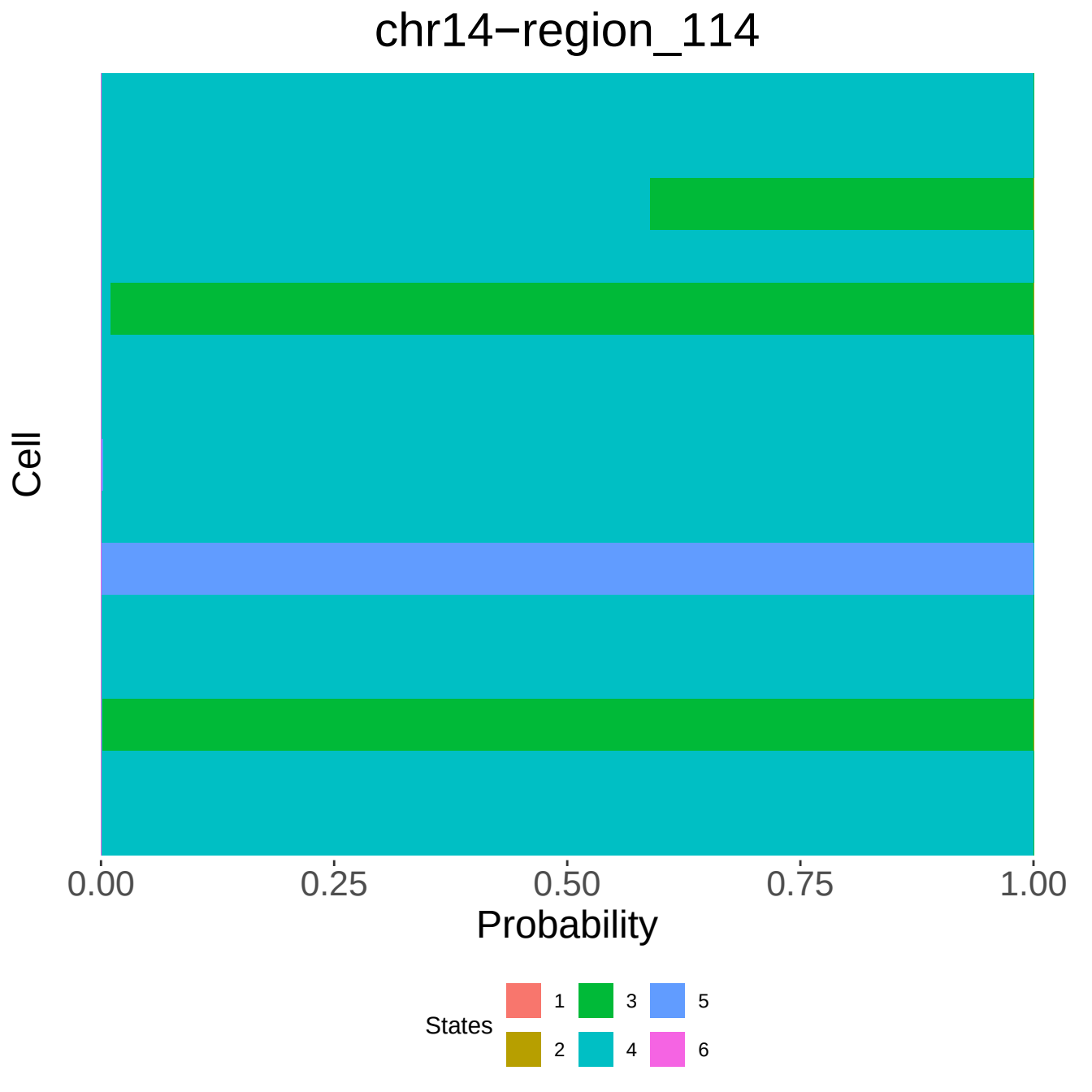
chr14−region_114
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1.00
Probability
States
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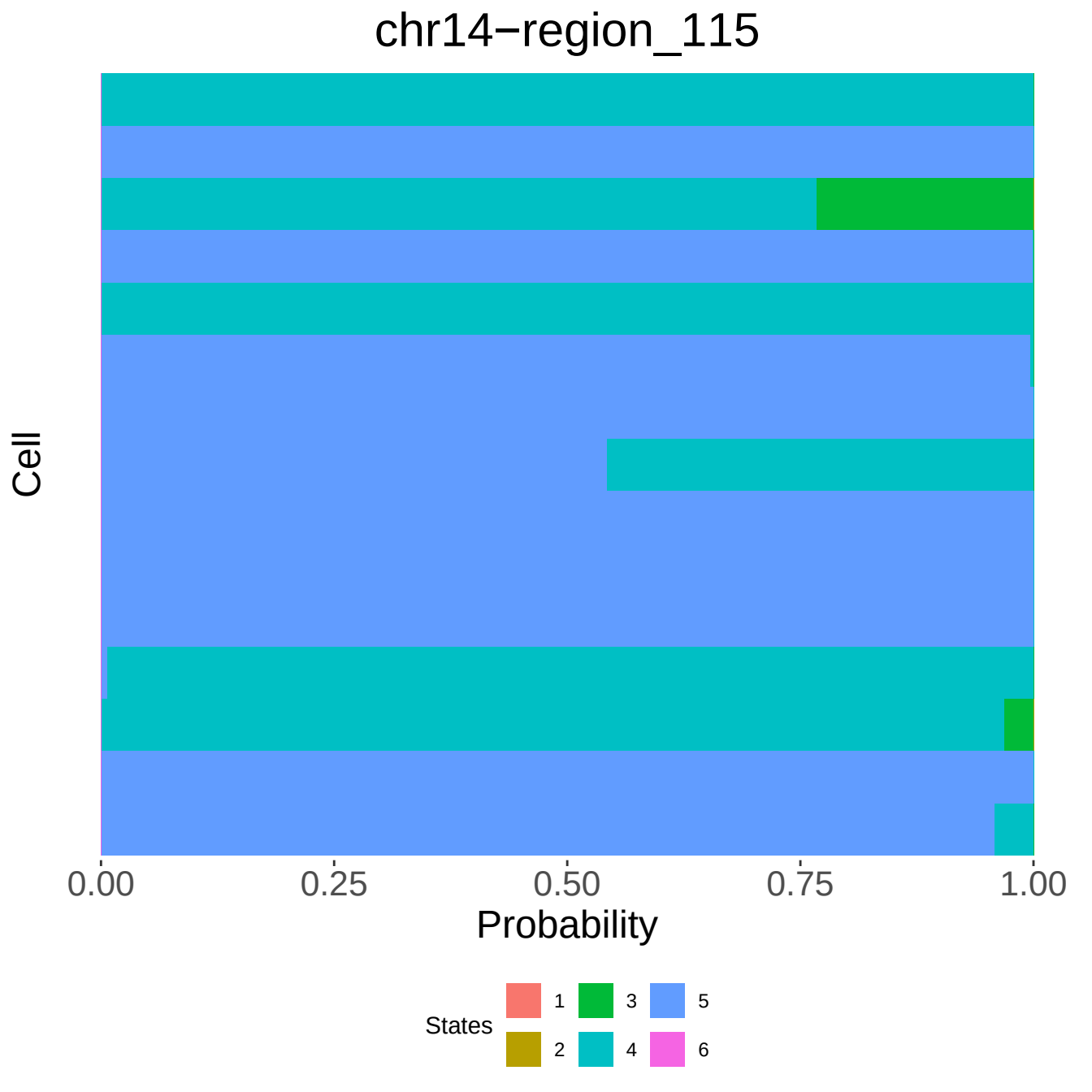
2
3
4
5
6


chr14−region_115
Cell
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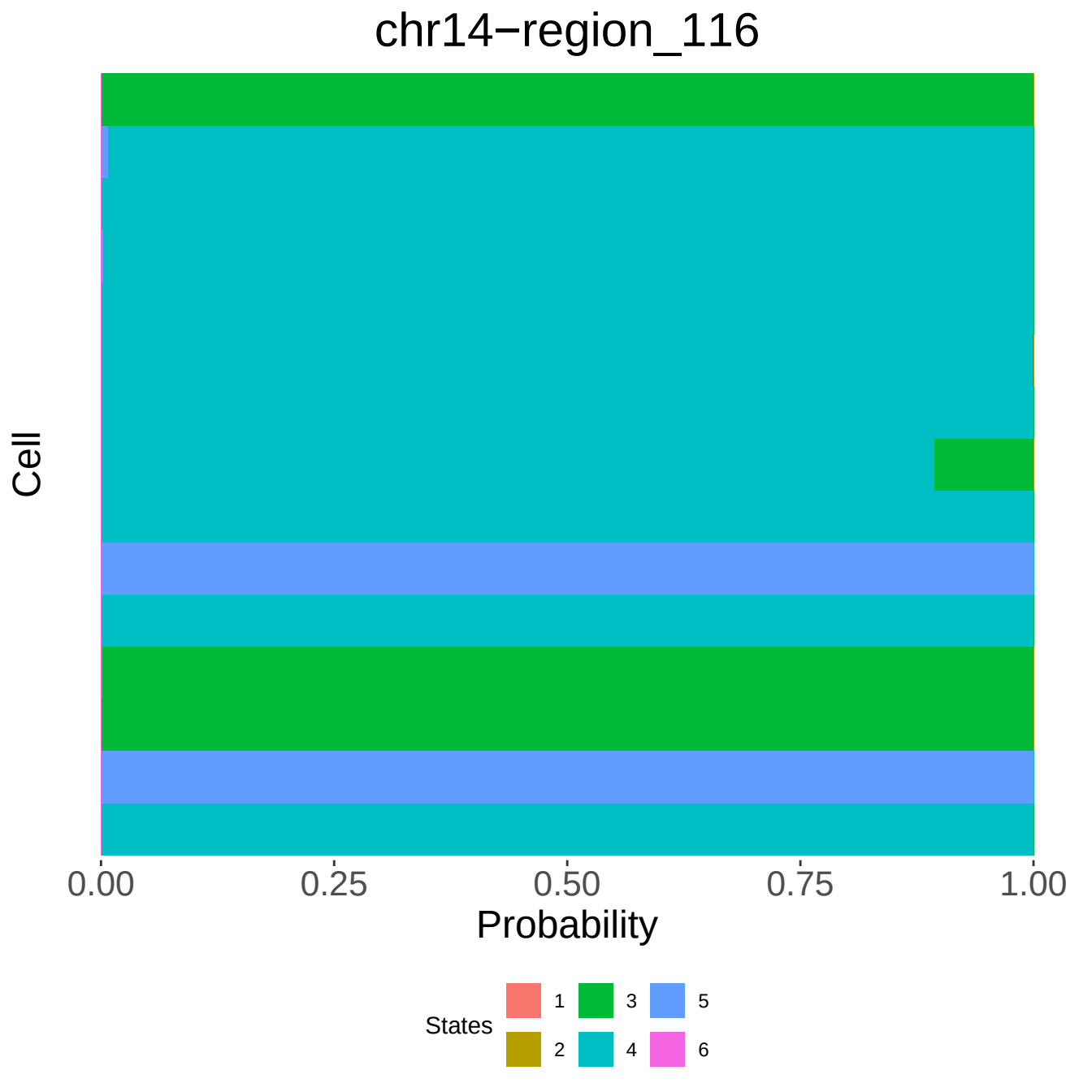
0.75
1.00
Probability
States
1
2
3
4
5
6


chr14−region_116
Cell
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0.25
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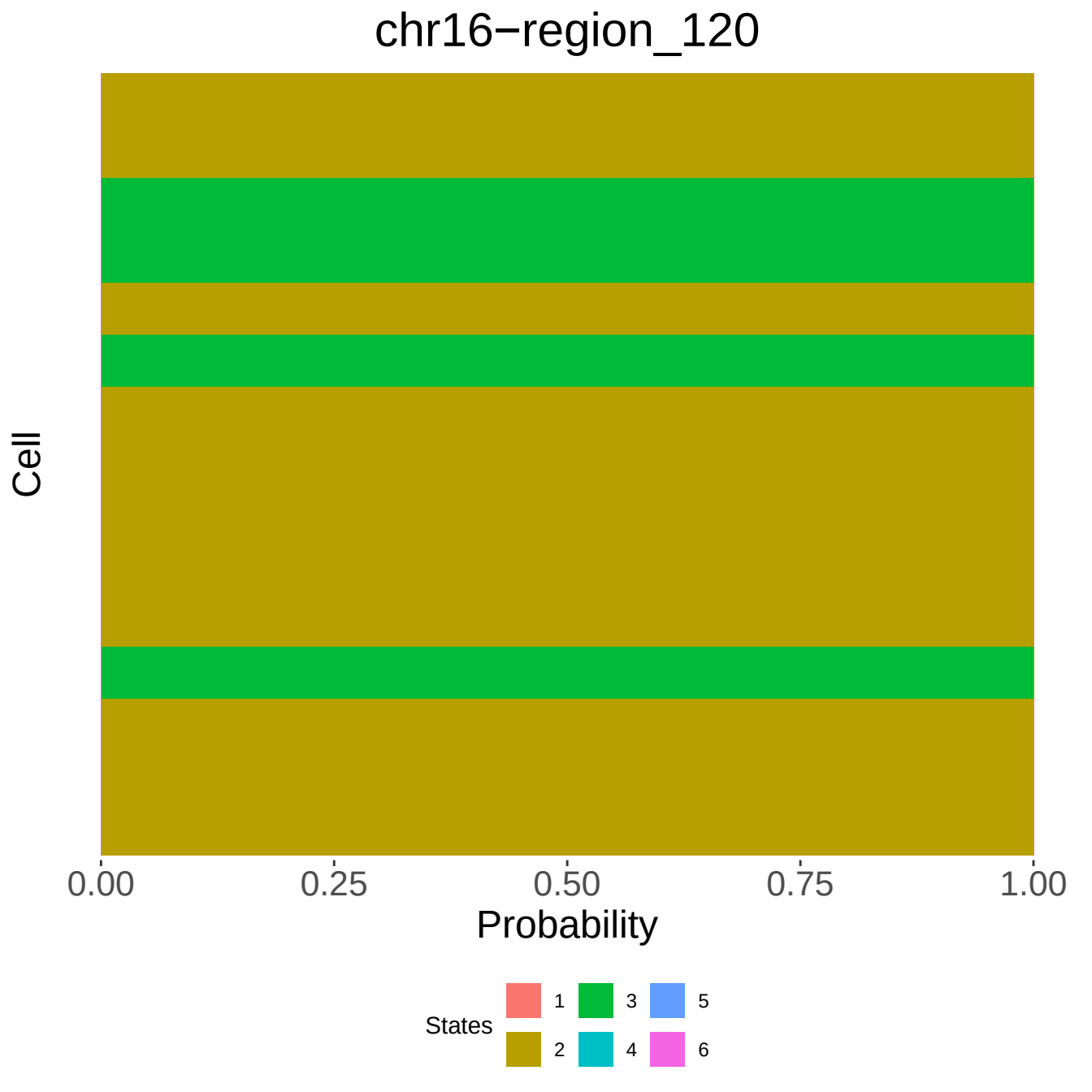
0.75
1.00
Probability
States
1
2
3
4
5
6


chr16−region_120
Cell
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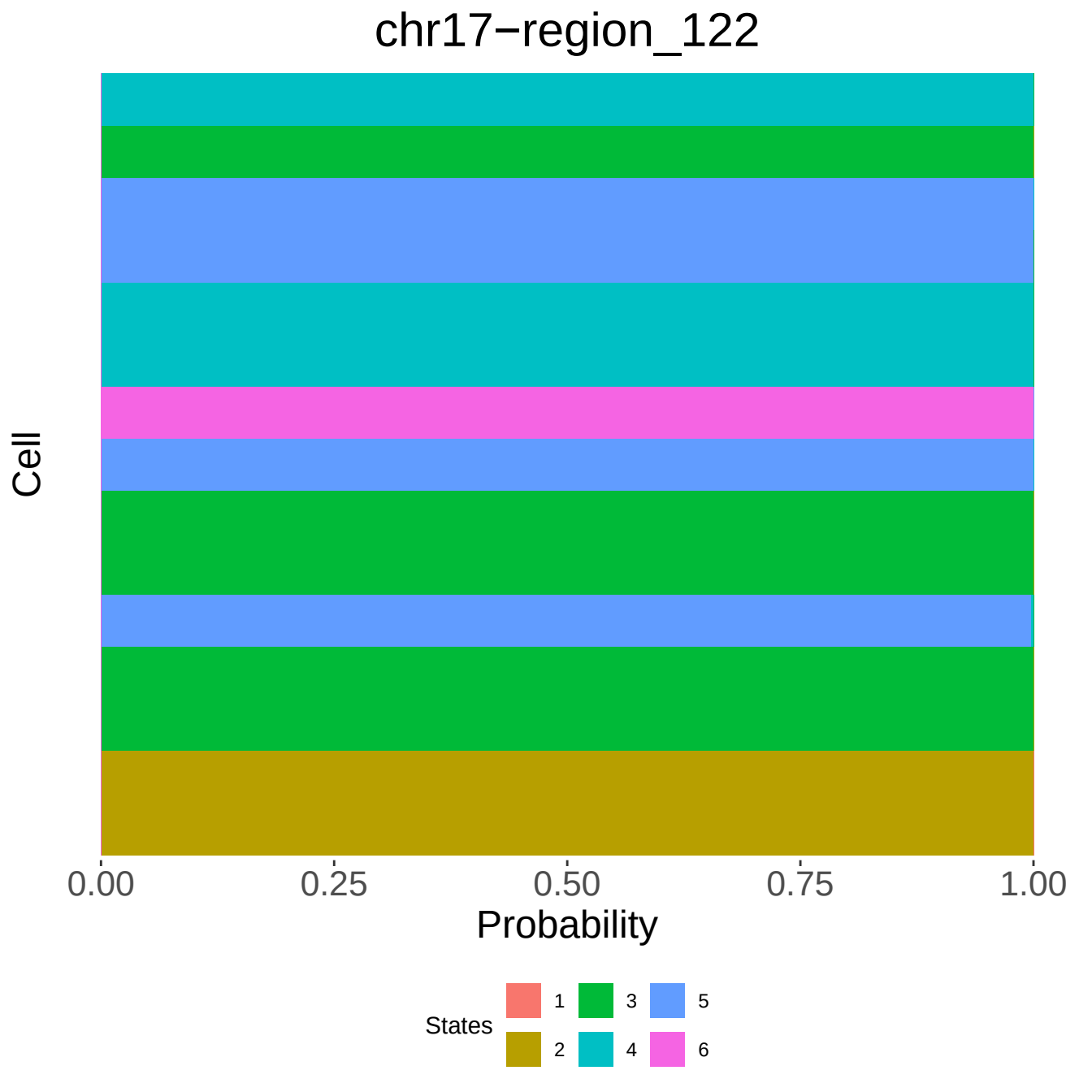
0.75
1.00
Probability
States
1
2
3
4
5
6


chr17−region_122
Cell
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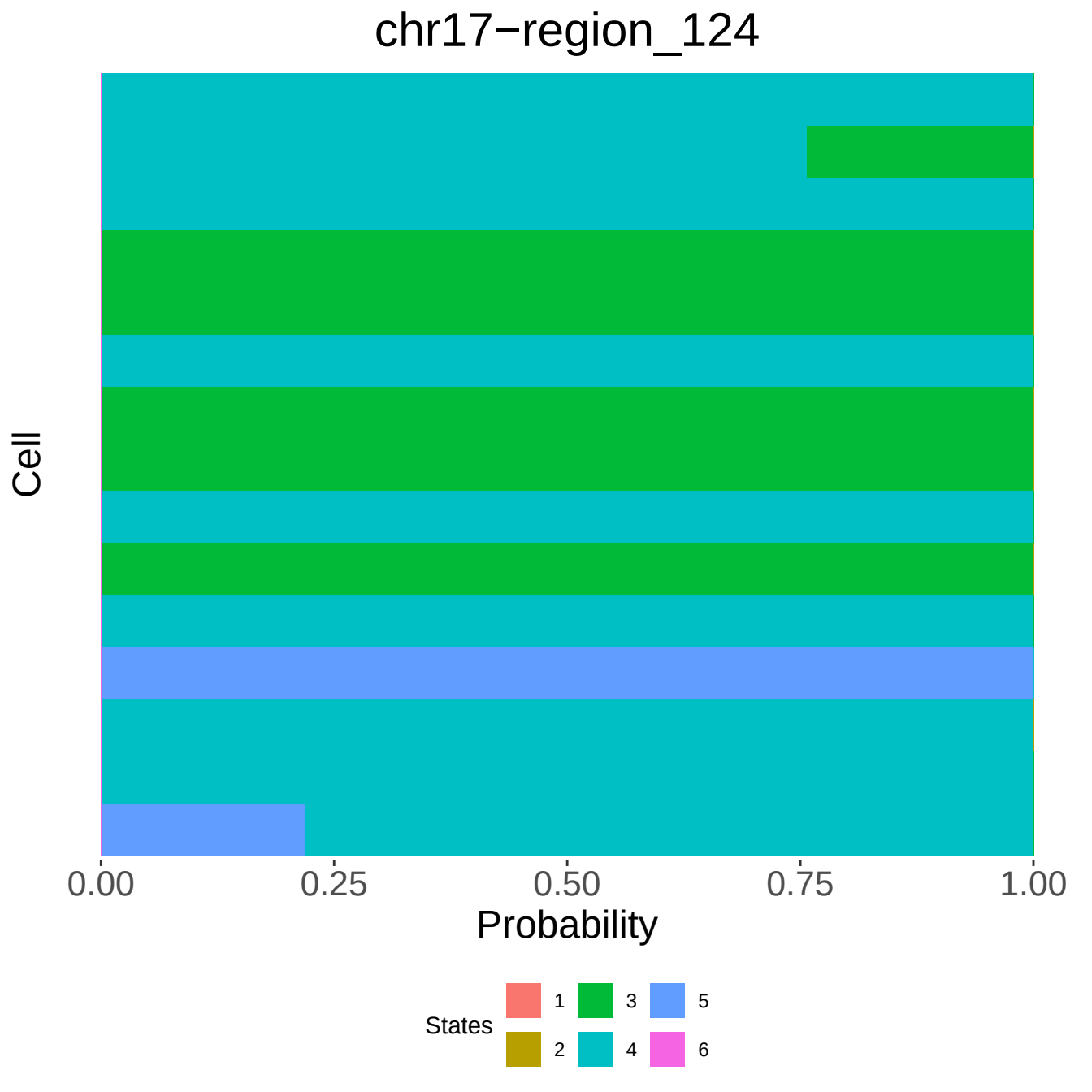
0.50
0.75
1.00
Probability
States
1
3
5
2
4
6


chr17−region_124
Cell
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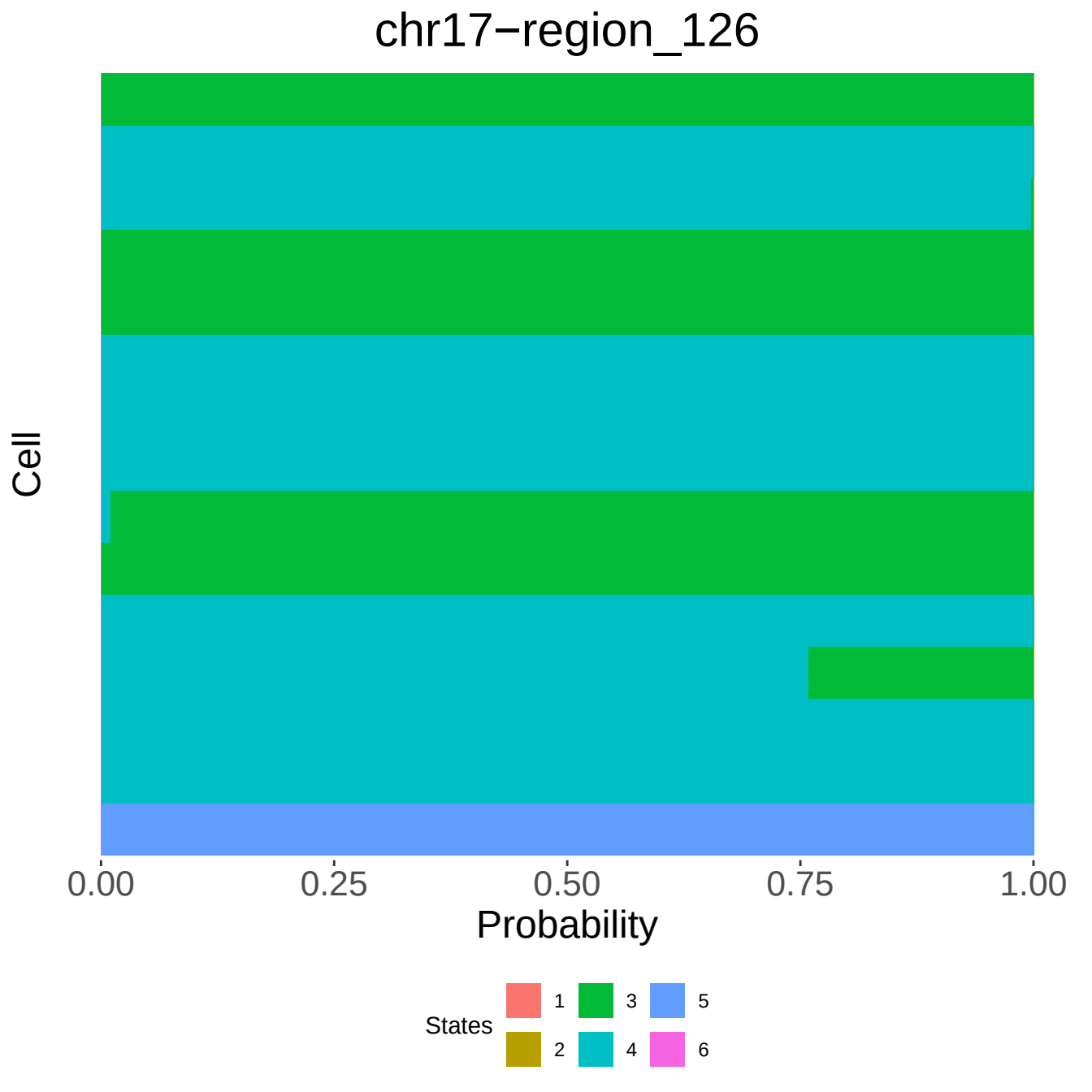
0.50
0.75
1.00
Probability
States
1
2
3
4
5
6


chr17−region_126
Cell
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1.00
Probability
States
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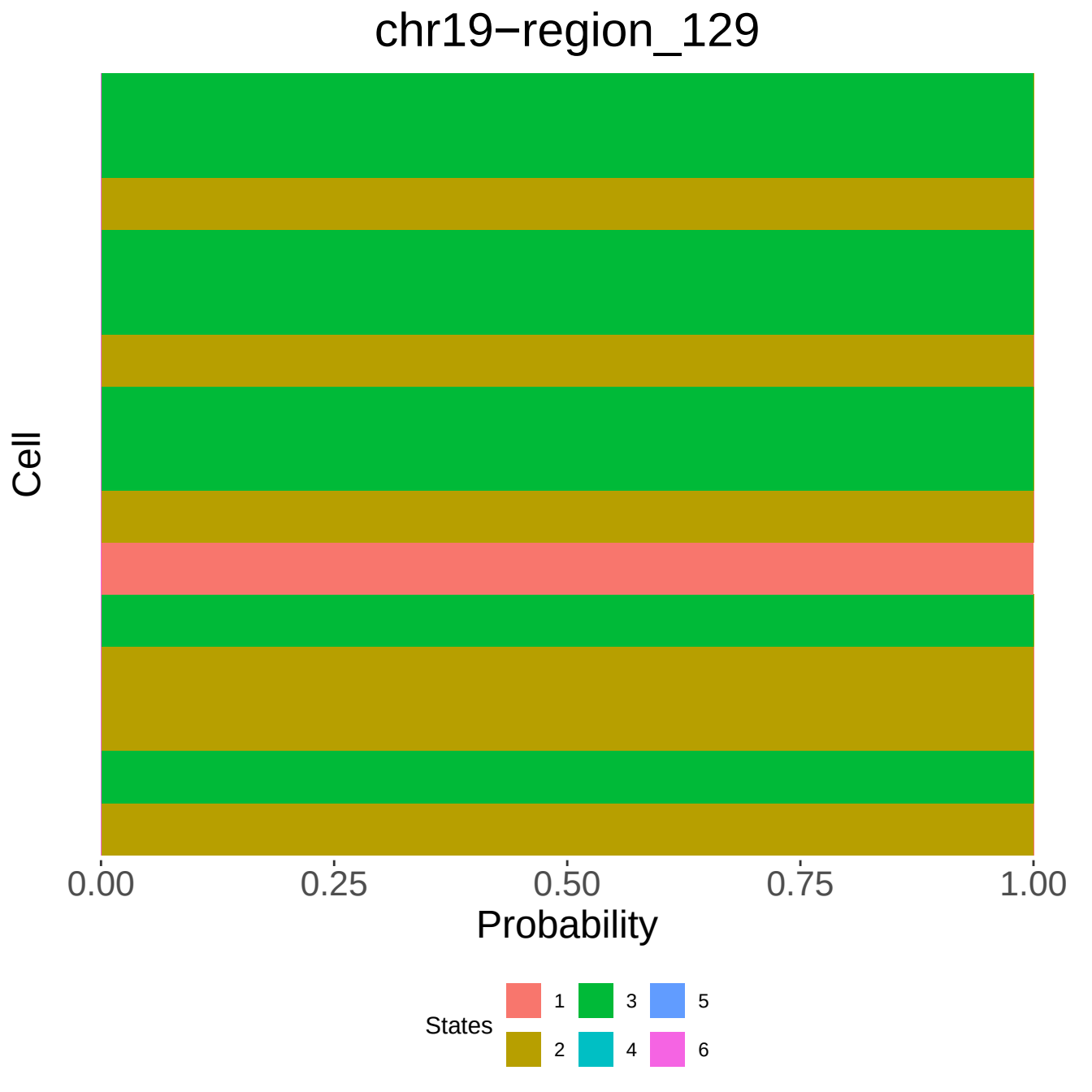
3
4
5
6


chr19−region_129
Cell
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0.25
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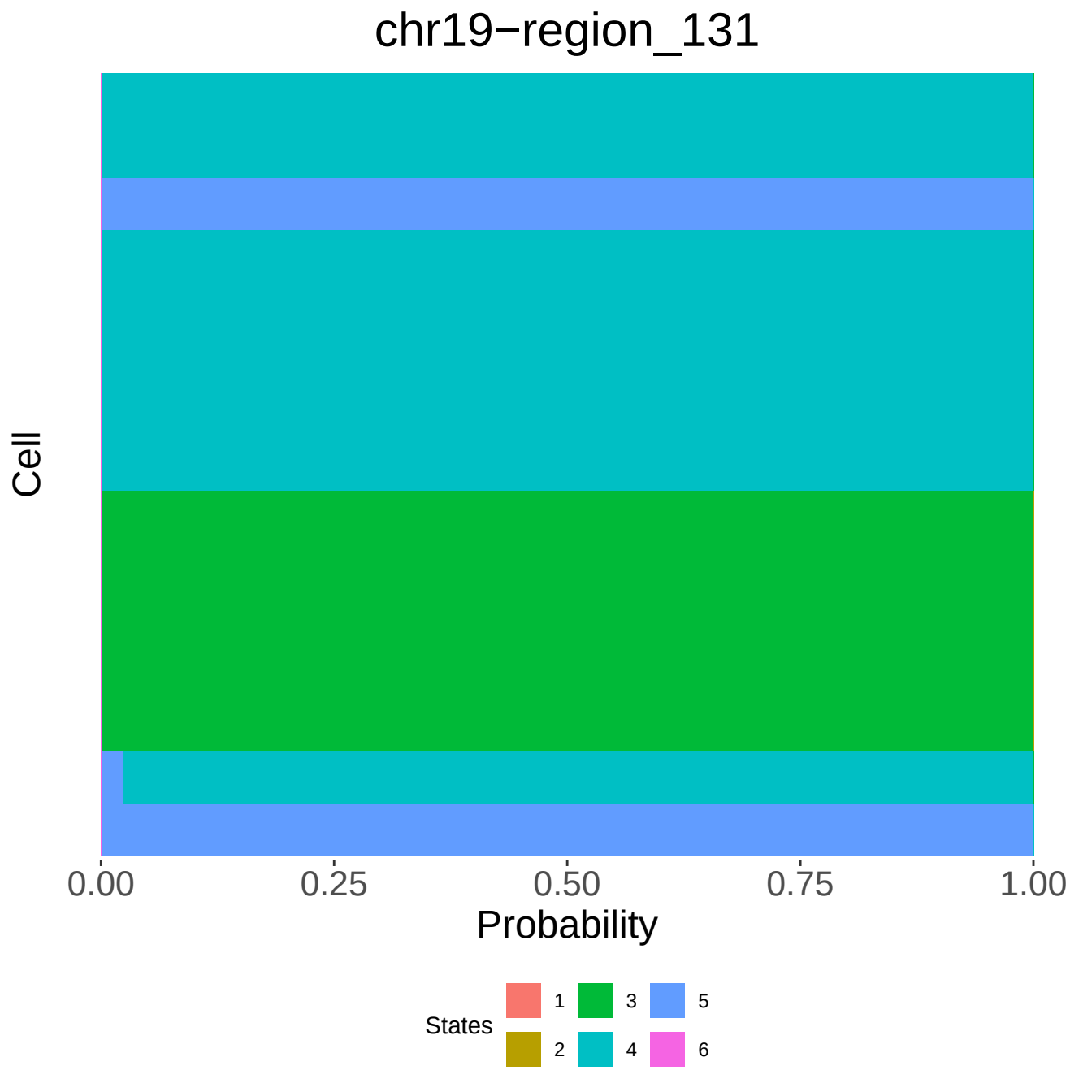
0.75
1.00
Probability
States
1
3
5
2
4
6


chr19−region_131
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0.75
1.00
Probability
States
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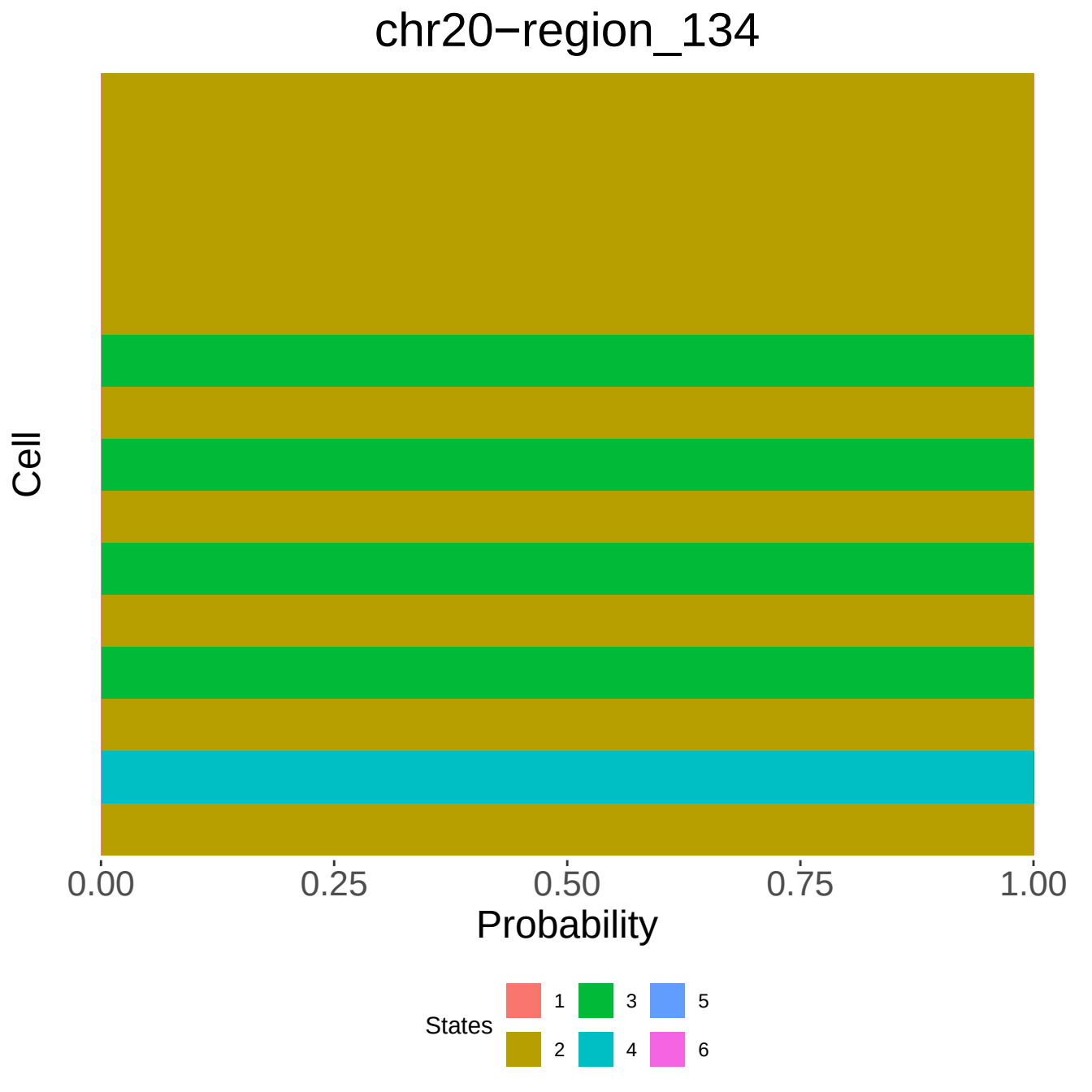
4
5
6


chr20−region_134
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Probability
States
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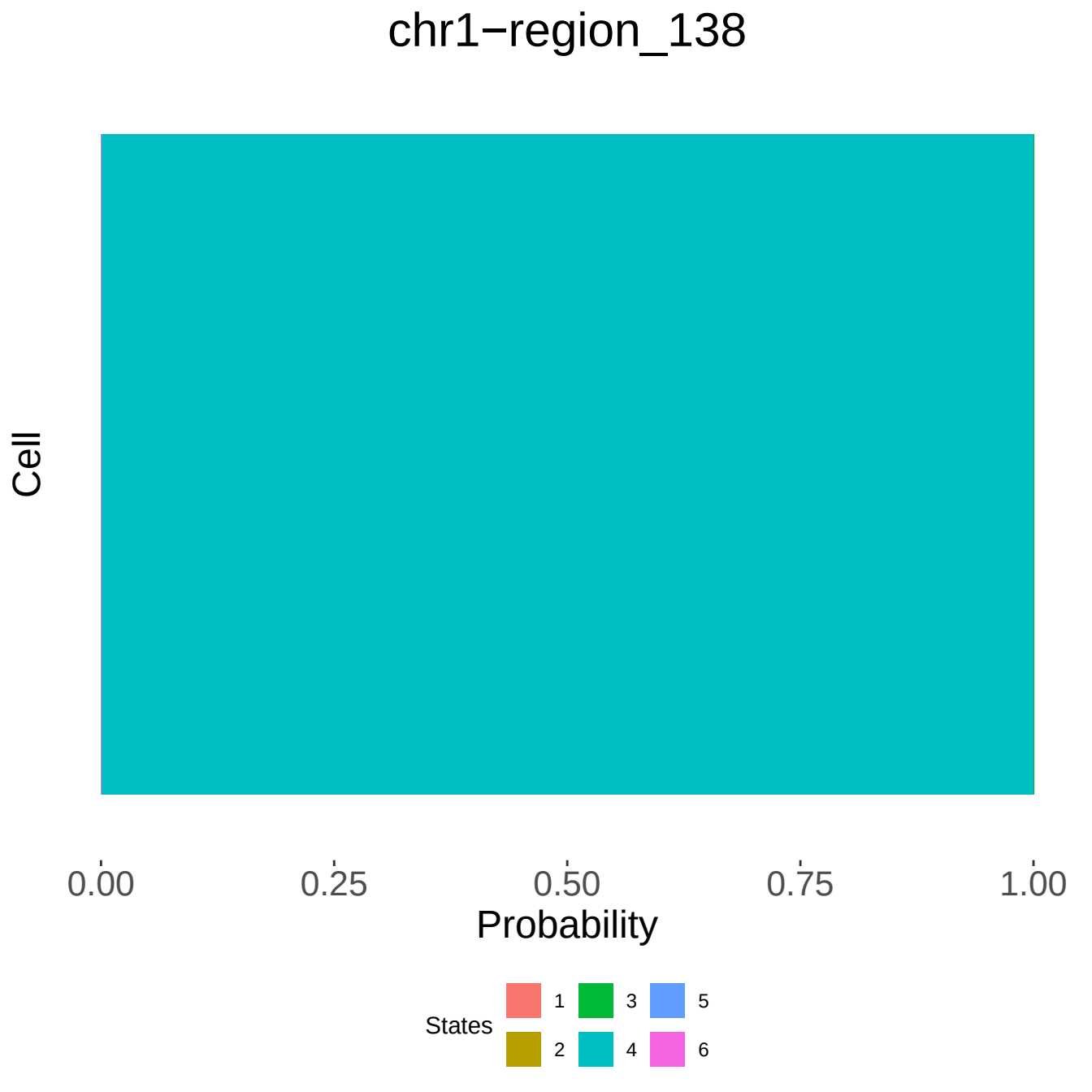
4
5
6


chr1−region_138
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Probability
States
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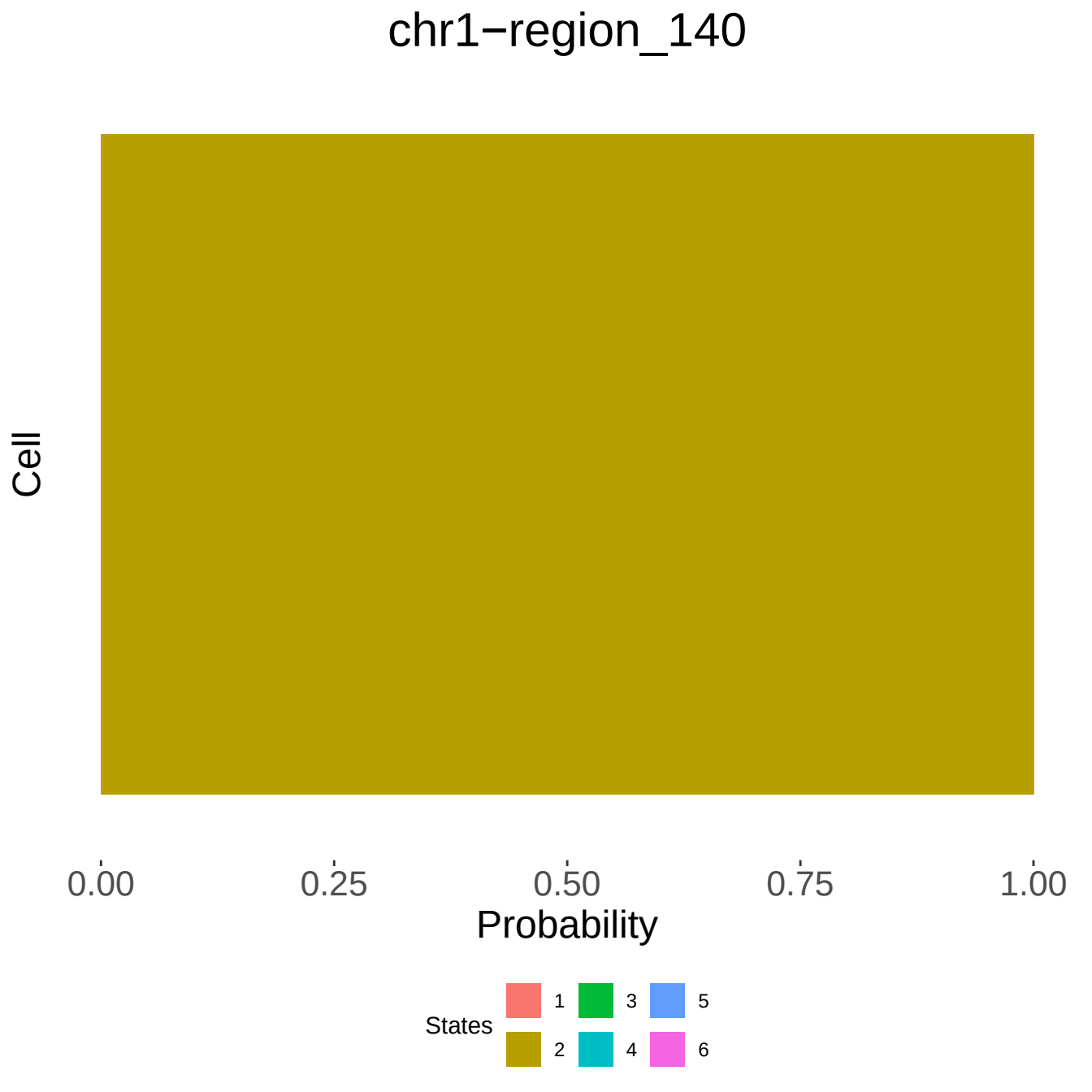
5
6


chr1−region_140
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0.75
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Probability
States
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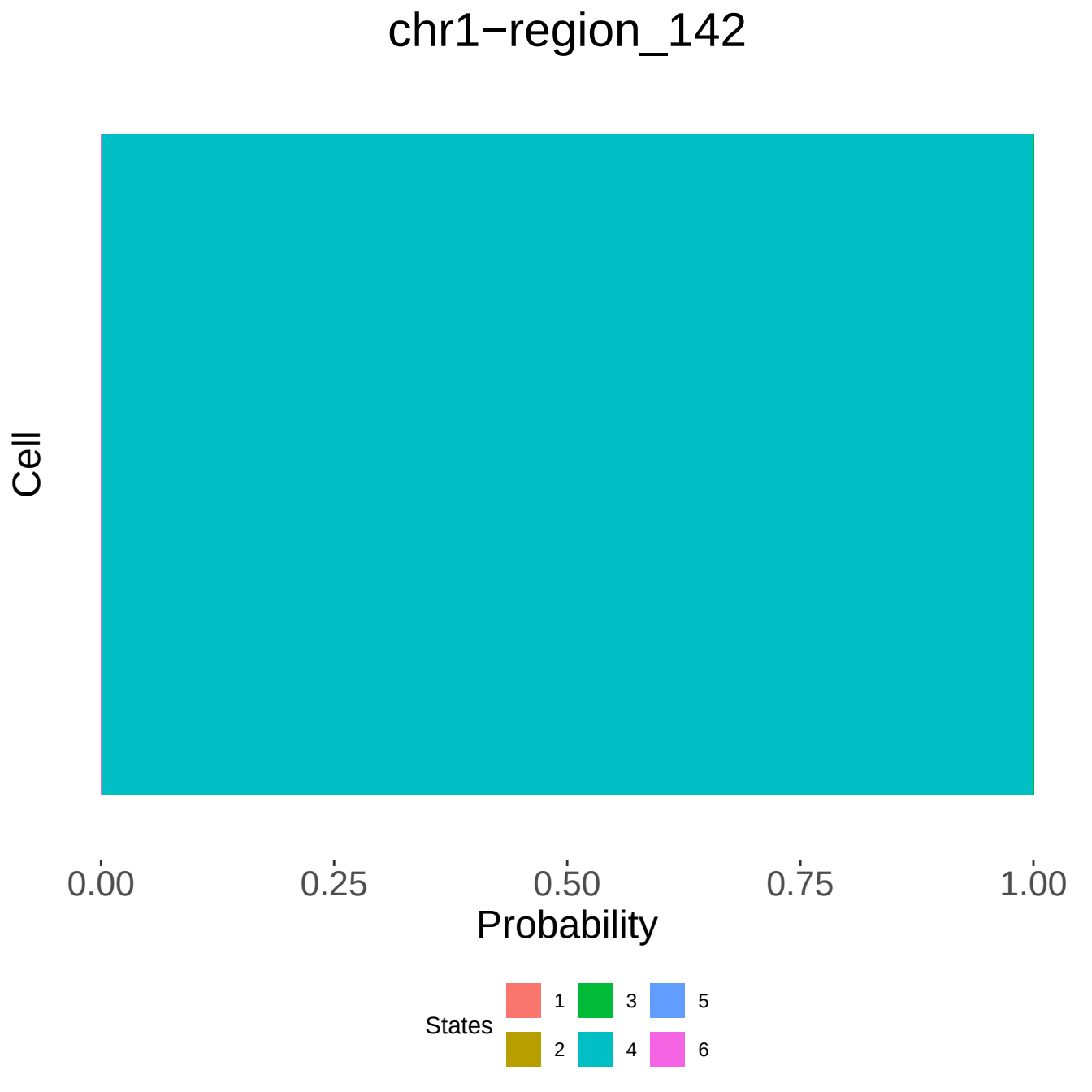
5
6


chr1−region_142
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1.00
Probability
States
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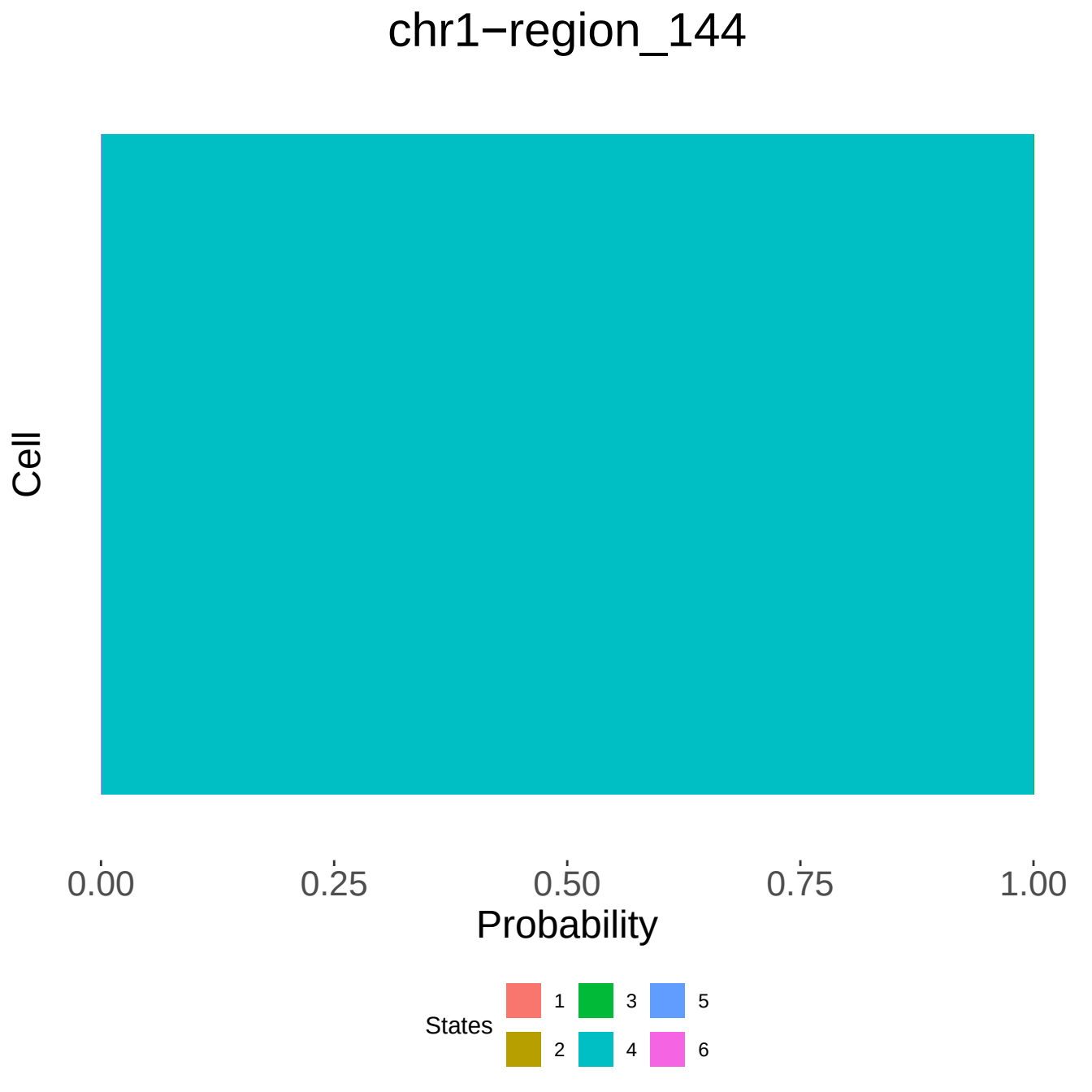
2
3
4
5
6


chr1−region_144
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0.75
1.00
Probability
States
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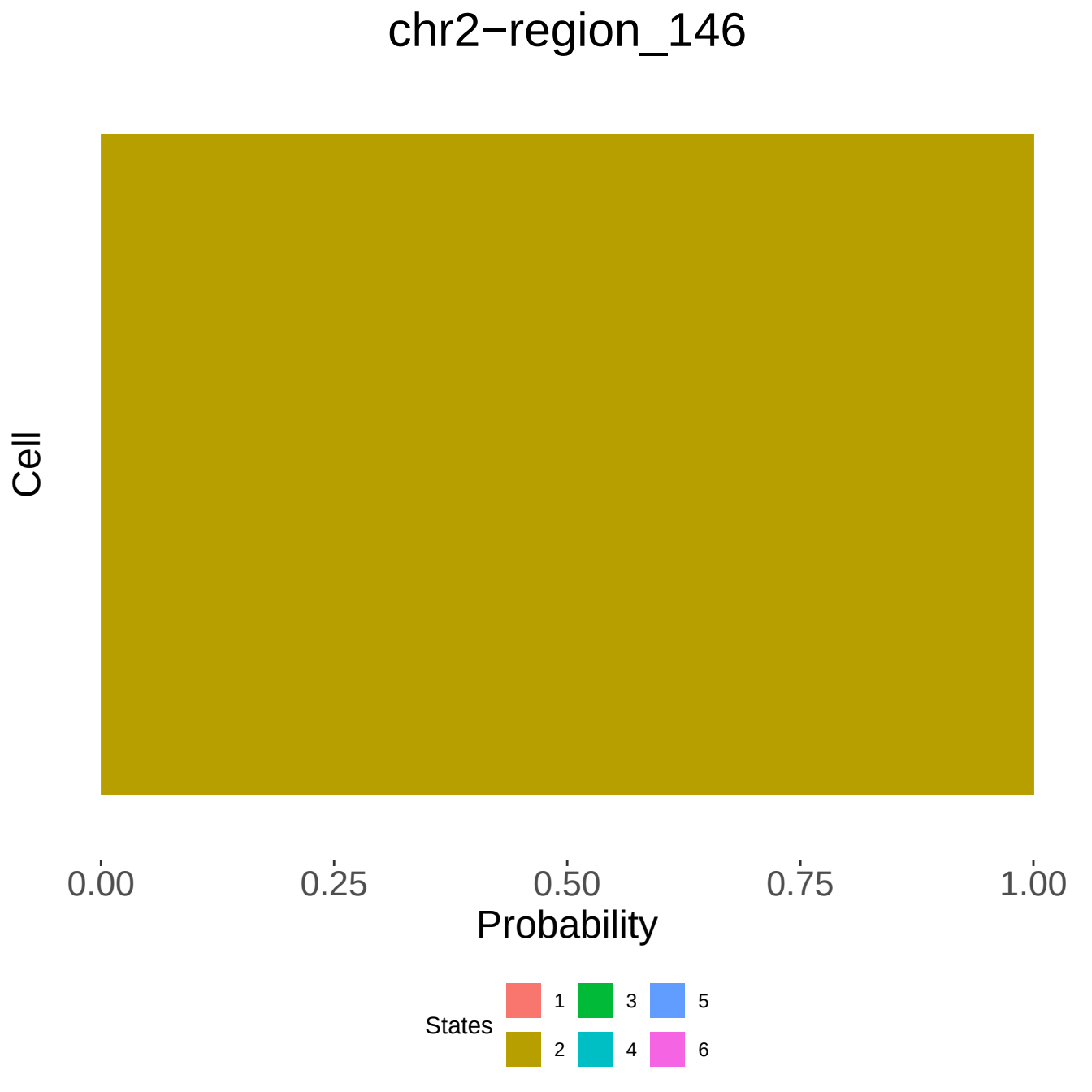
2
3
4
5
6


chr2−region_146
Cell
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0.50
0.75
1.00
Probability
States
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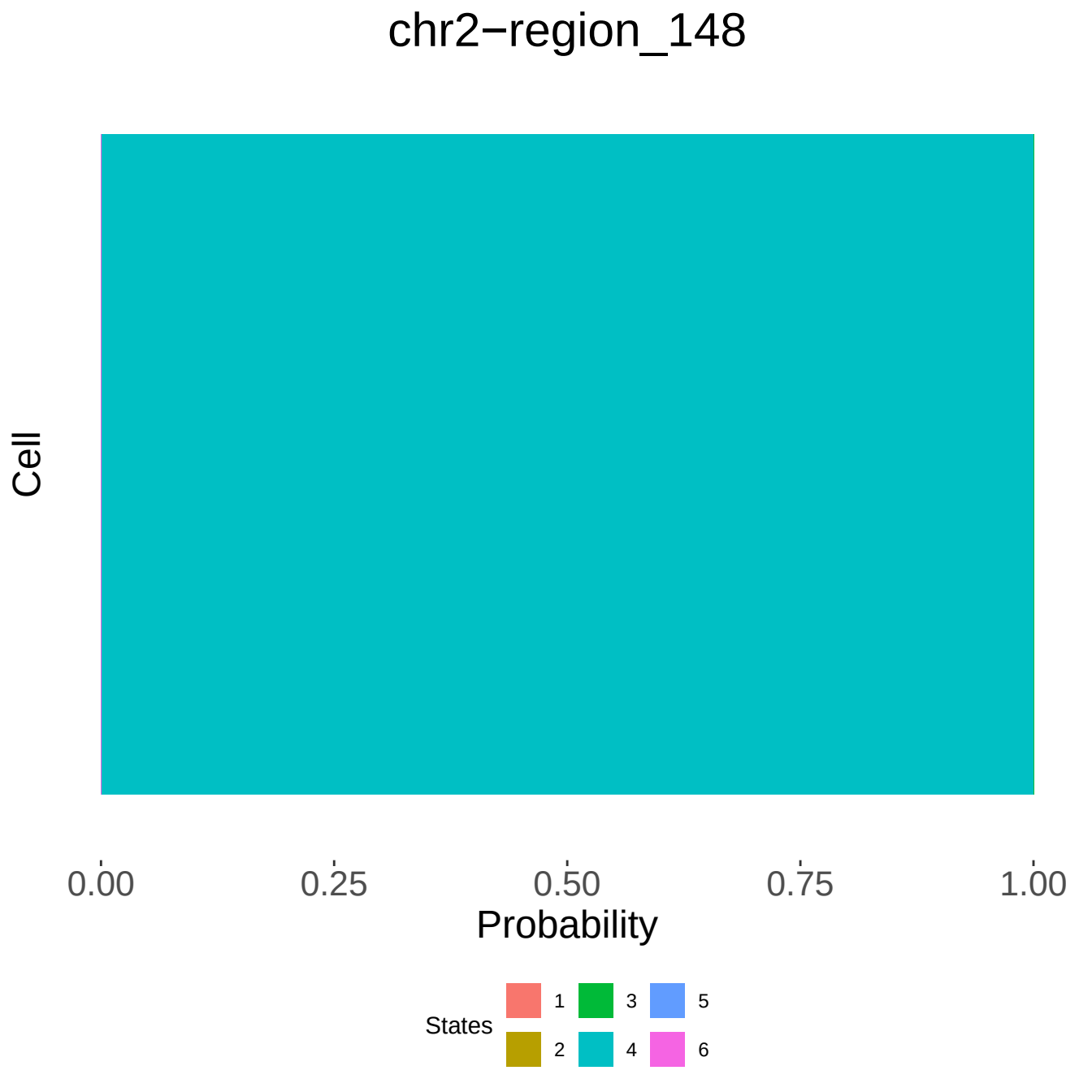
2
3
4
5
6


chr2−region_148
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1.00
Probability
States
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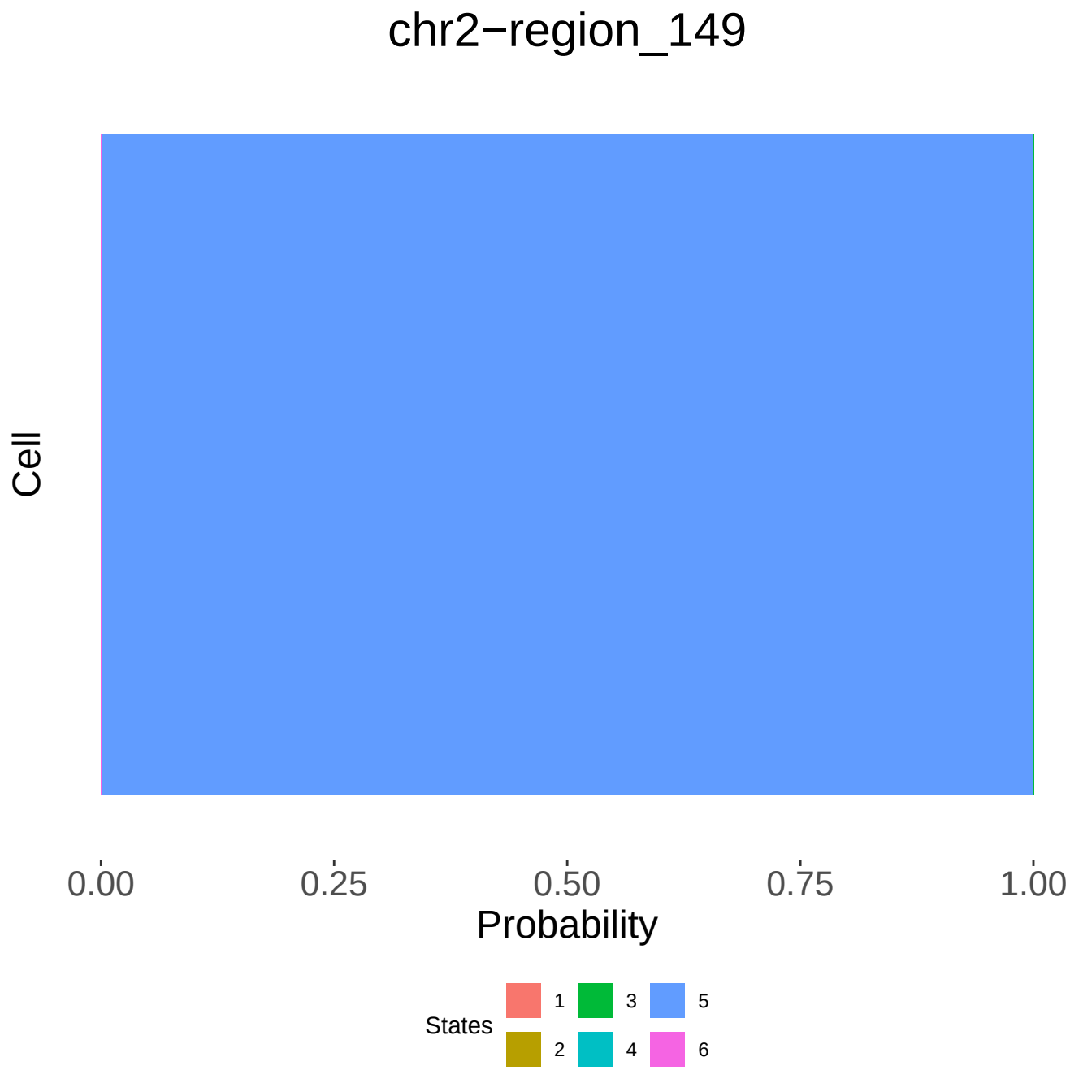
3
4
5
6


chr2−region_149
Cell
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0.75
1.00
Probability
States
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2
3
4
5
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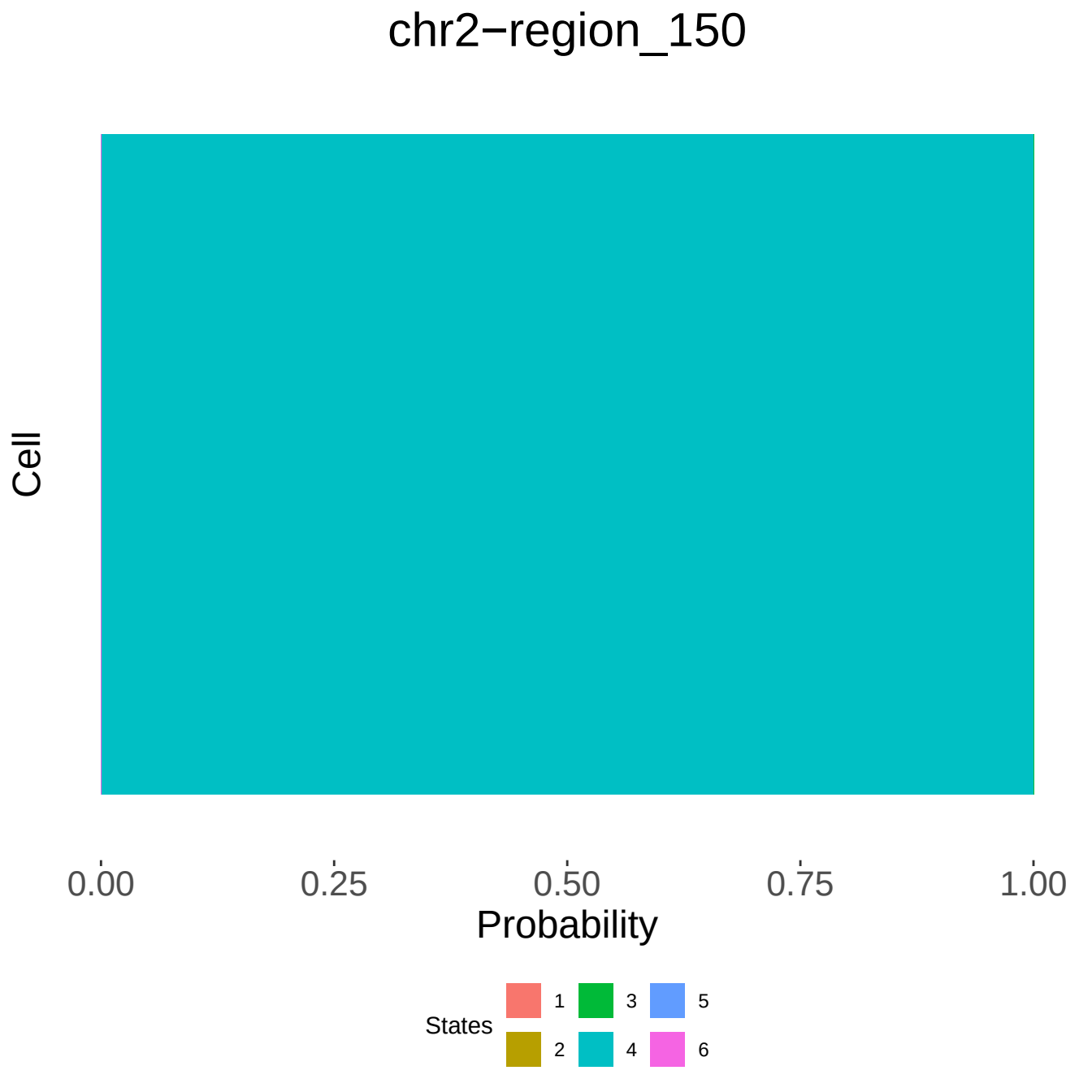
chr2−region_150
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1.00
Probability
States
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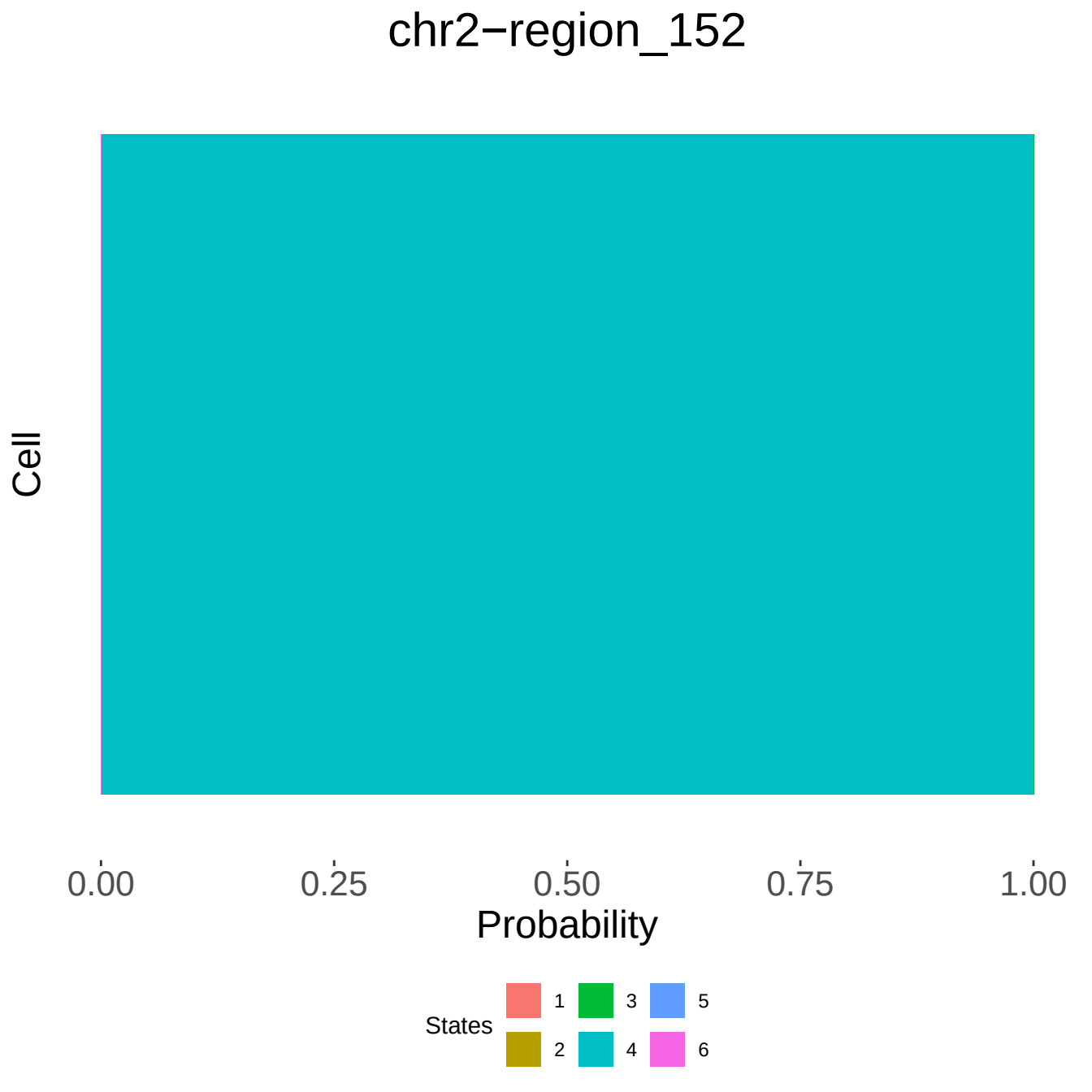
3
4
5
6


chr2−region_152
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Probability
States
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3
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5
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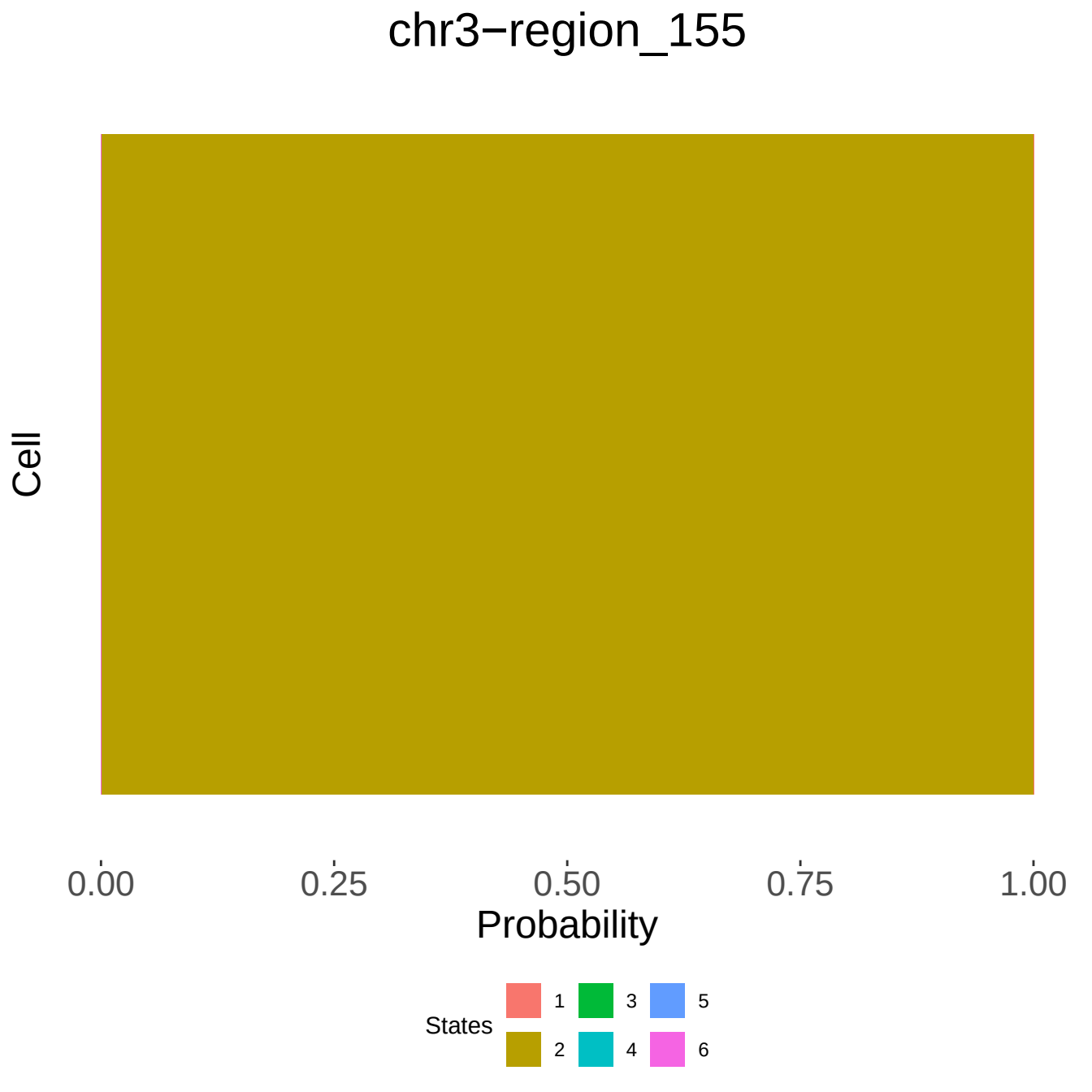
chr3−region_155
Cell
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0.75
1.00
Probability
States
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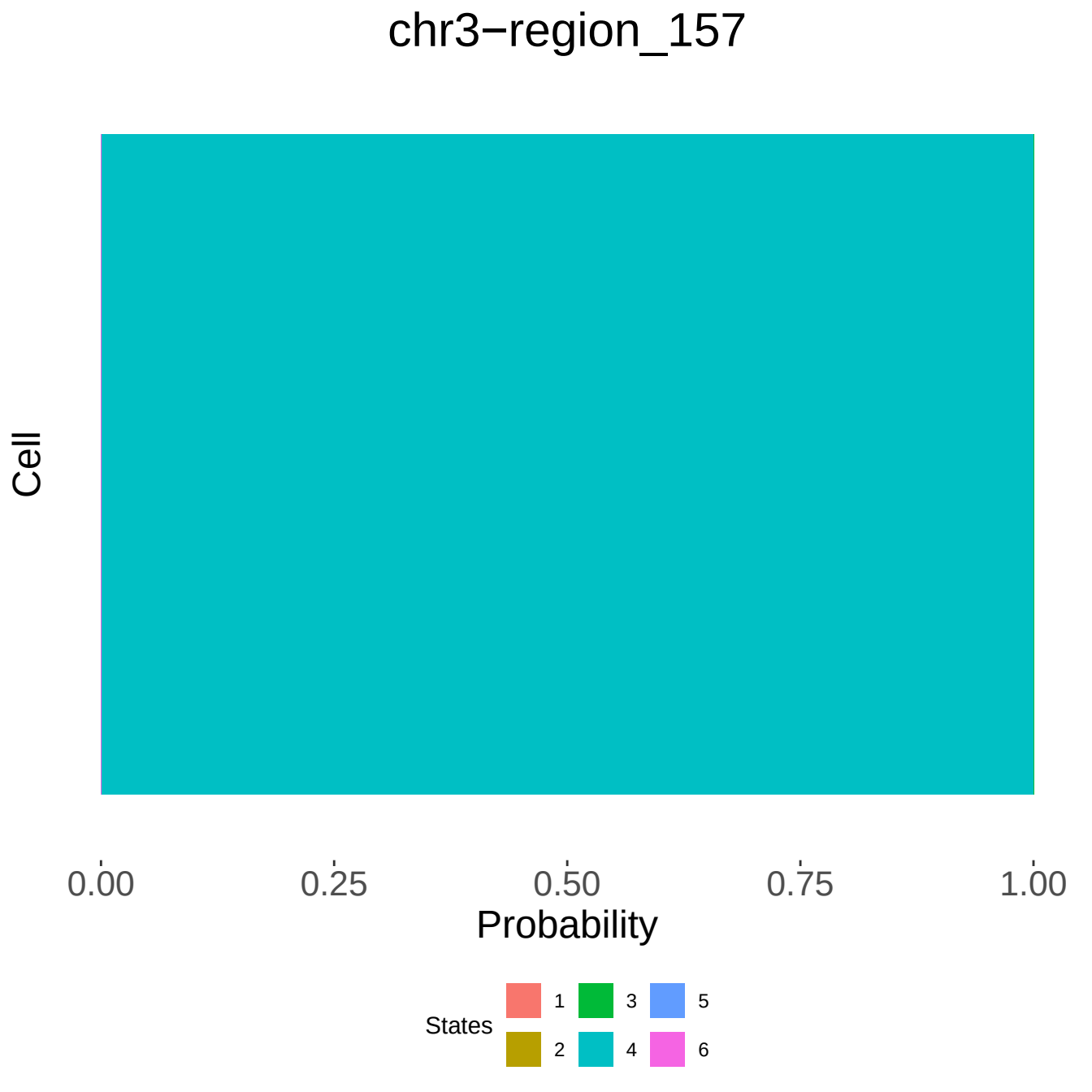
2
3
4
5
6


chr3−region_157
Cell
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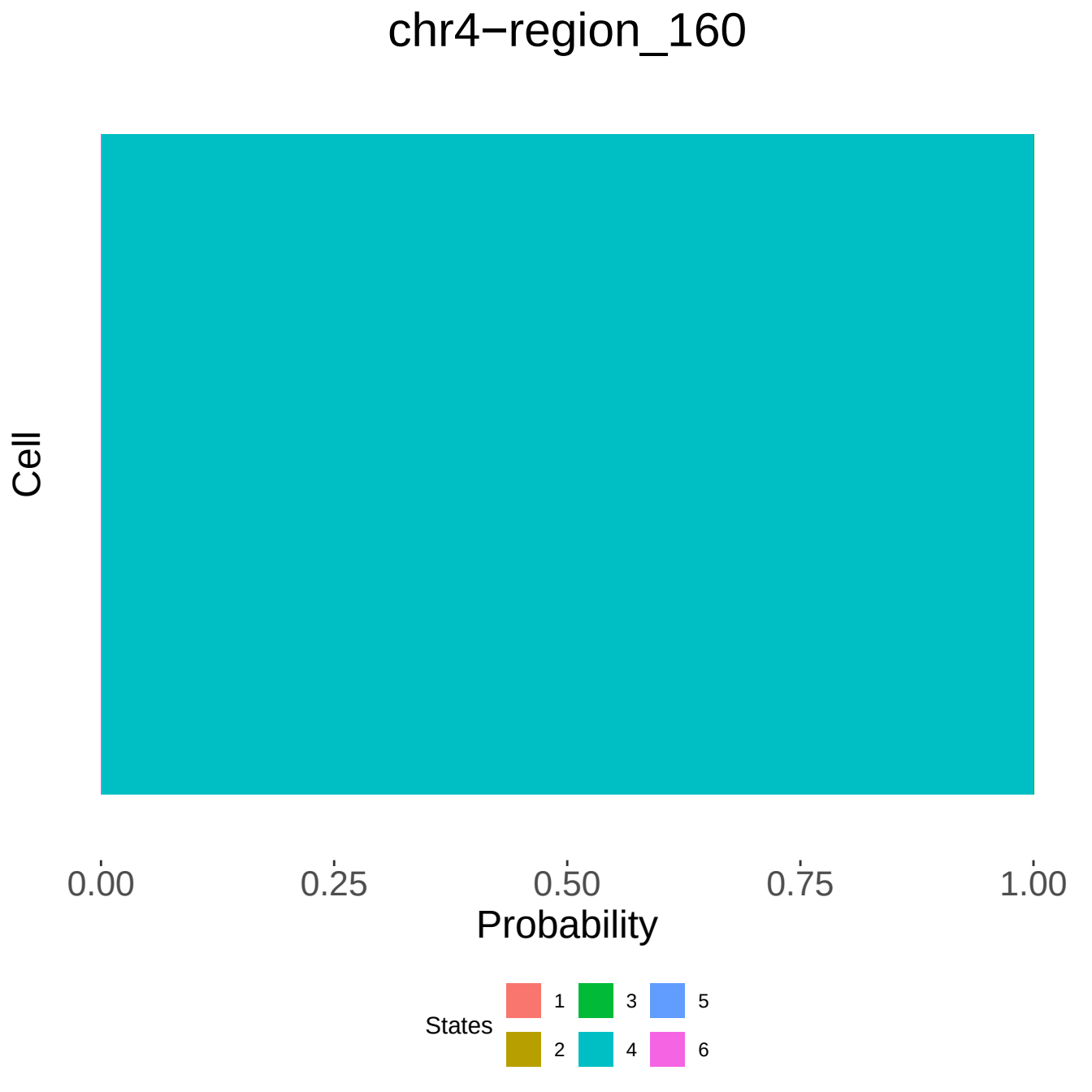
0.75
1.00
Probability
States
1
2
3
4
5
6


chr4−region_160
Cell
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0.75
1.00
Probability
States
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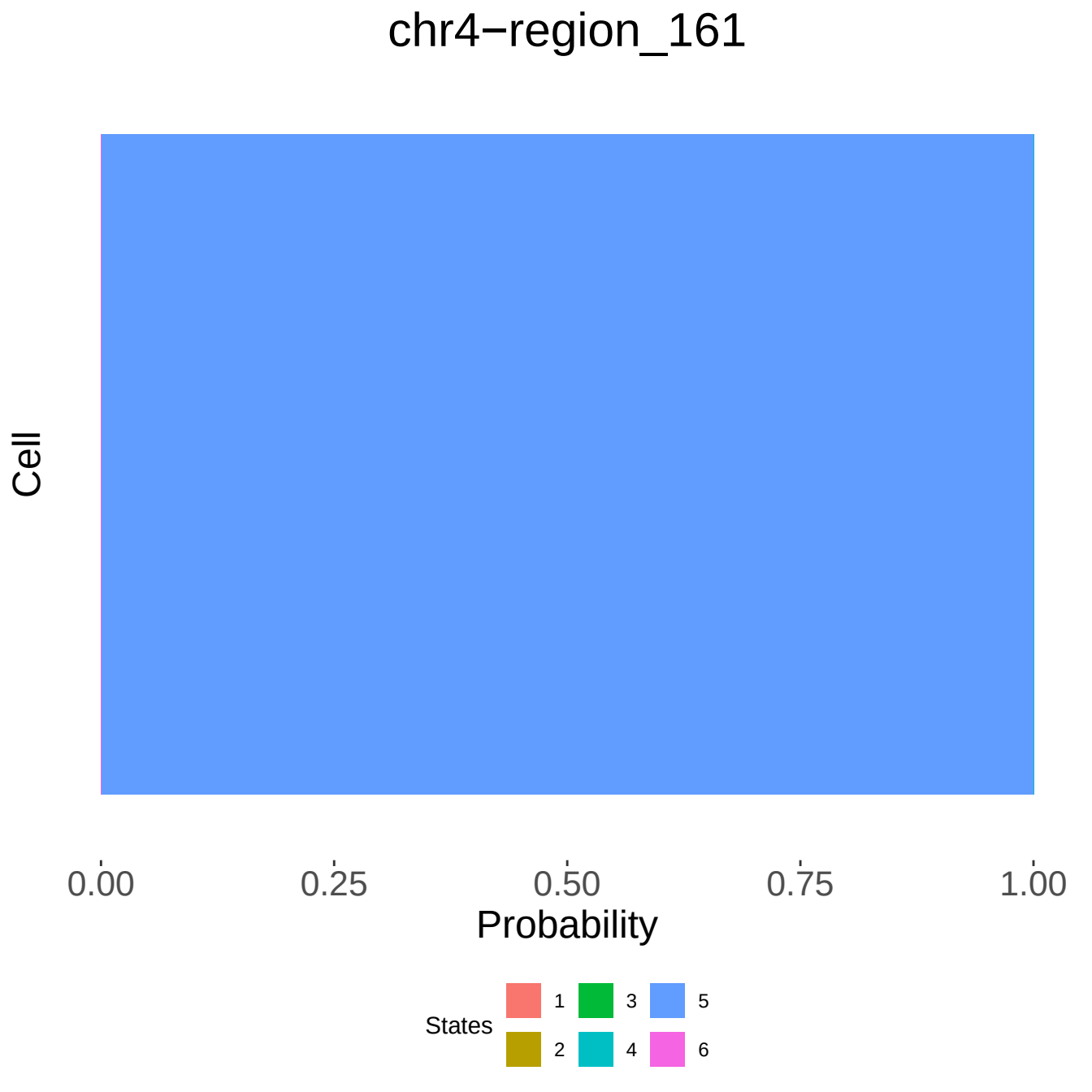
2
3
4
5
6


chr4−region_161
Cell
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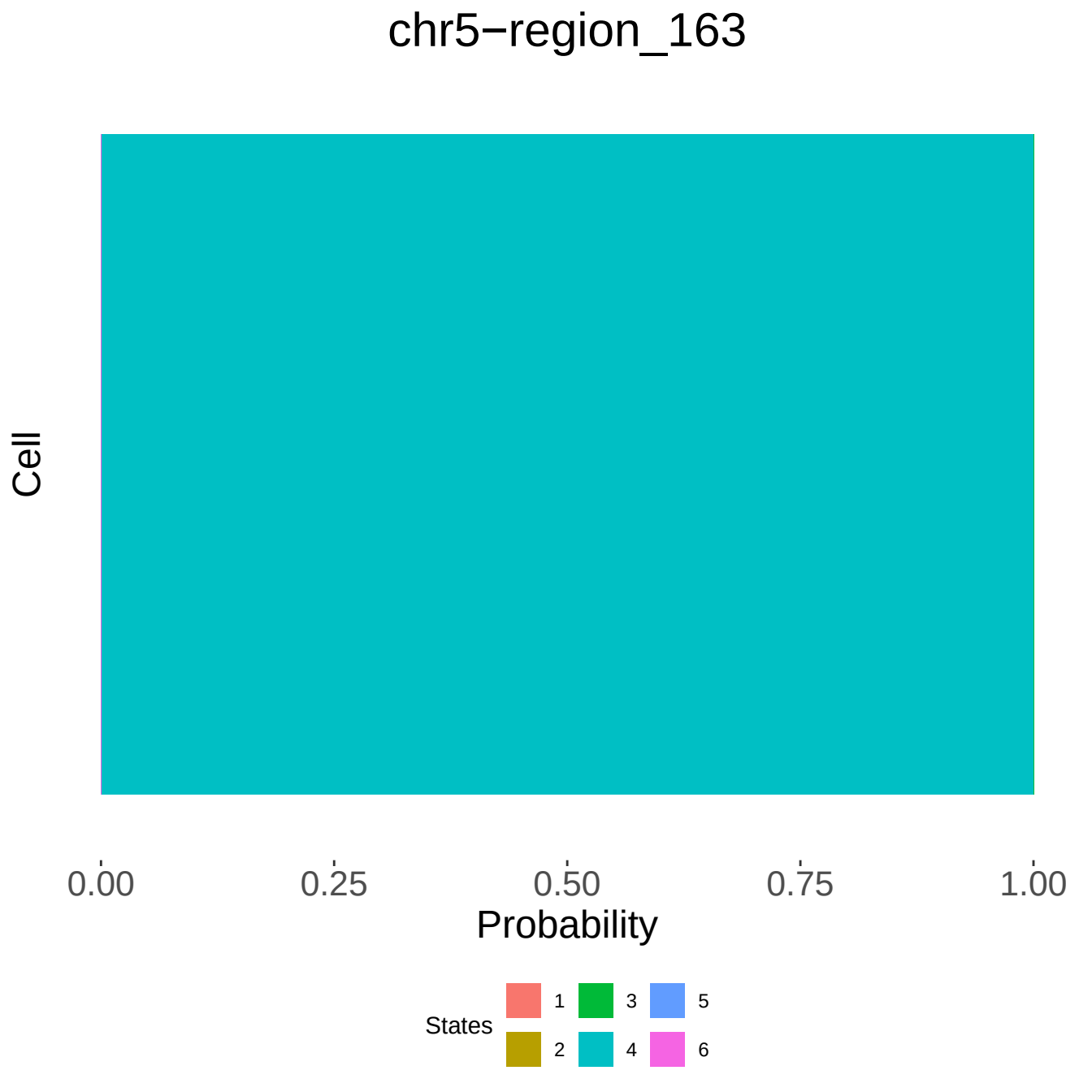
0.75
1.00
Probability
States
1
2
3
4
5
6


chr5−region_163
Cell
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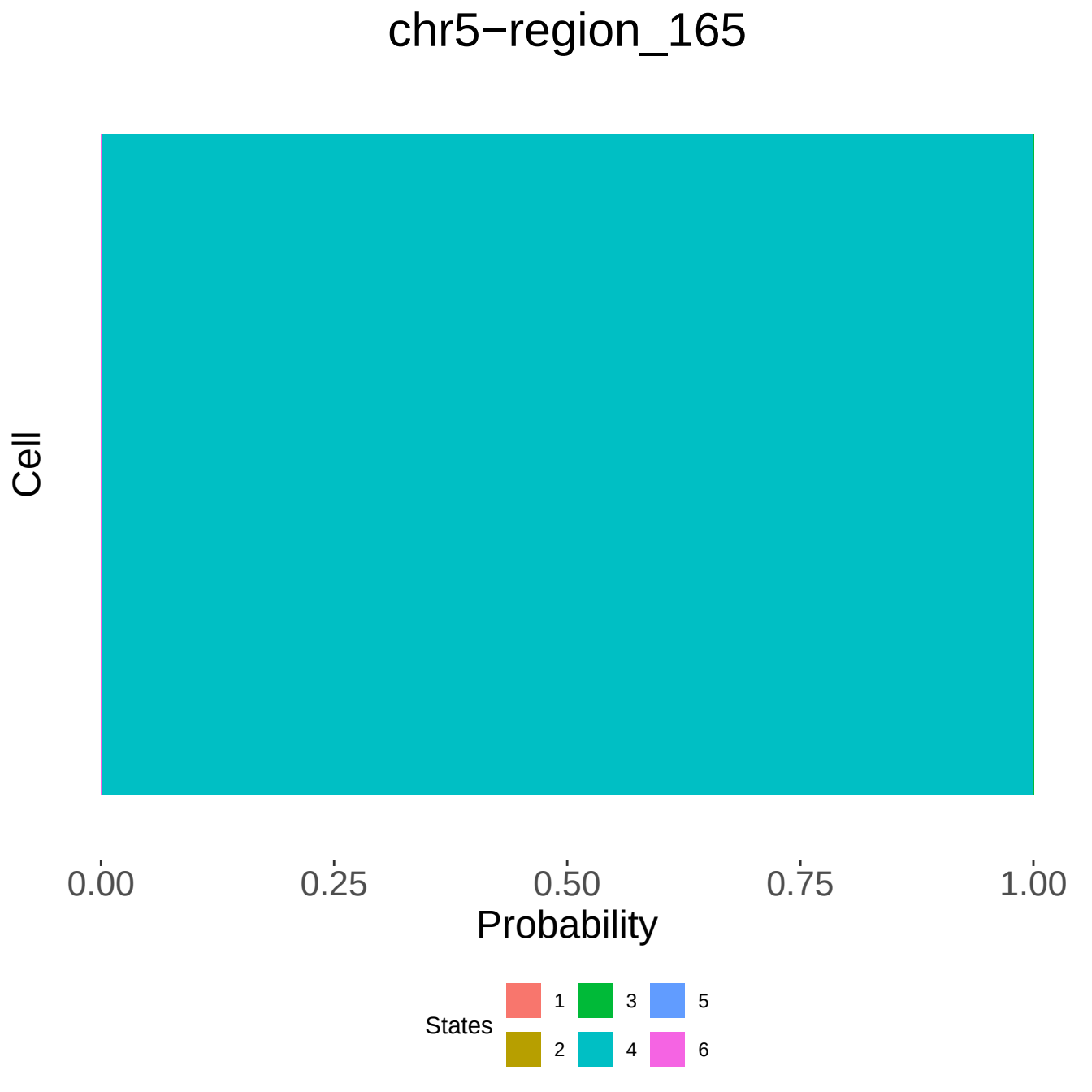
0.75
1.00
Probability
States
1
2
3
4
5
6


chr5−region_165
Cell
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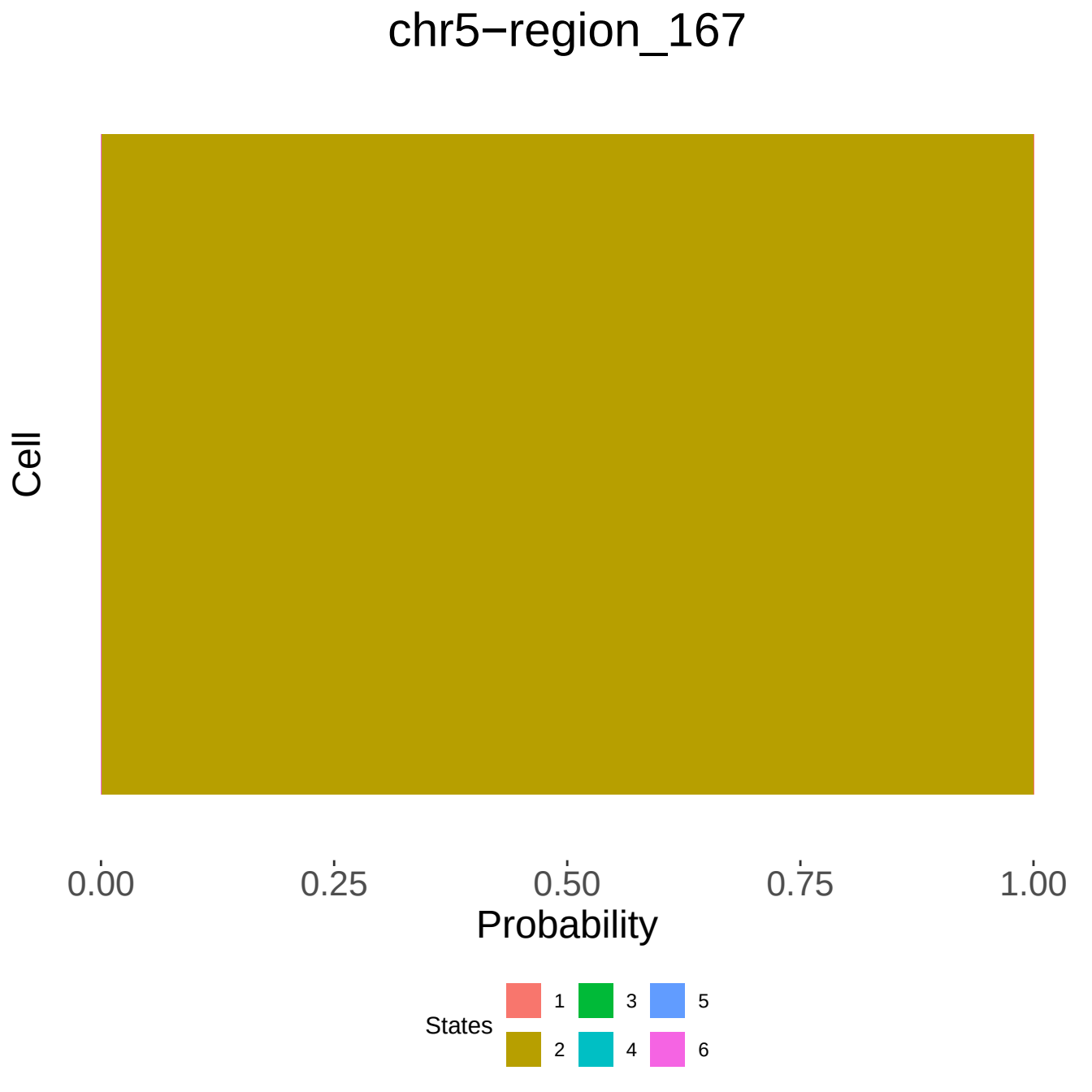
0.75
1.00
Probability
States
1
2
3
4
5
6


chr5−region_167
Cell
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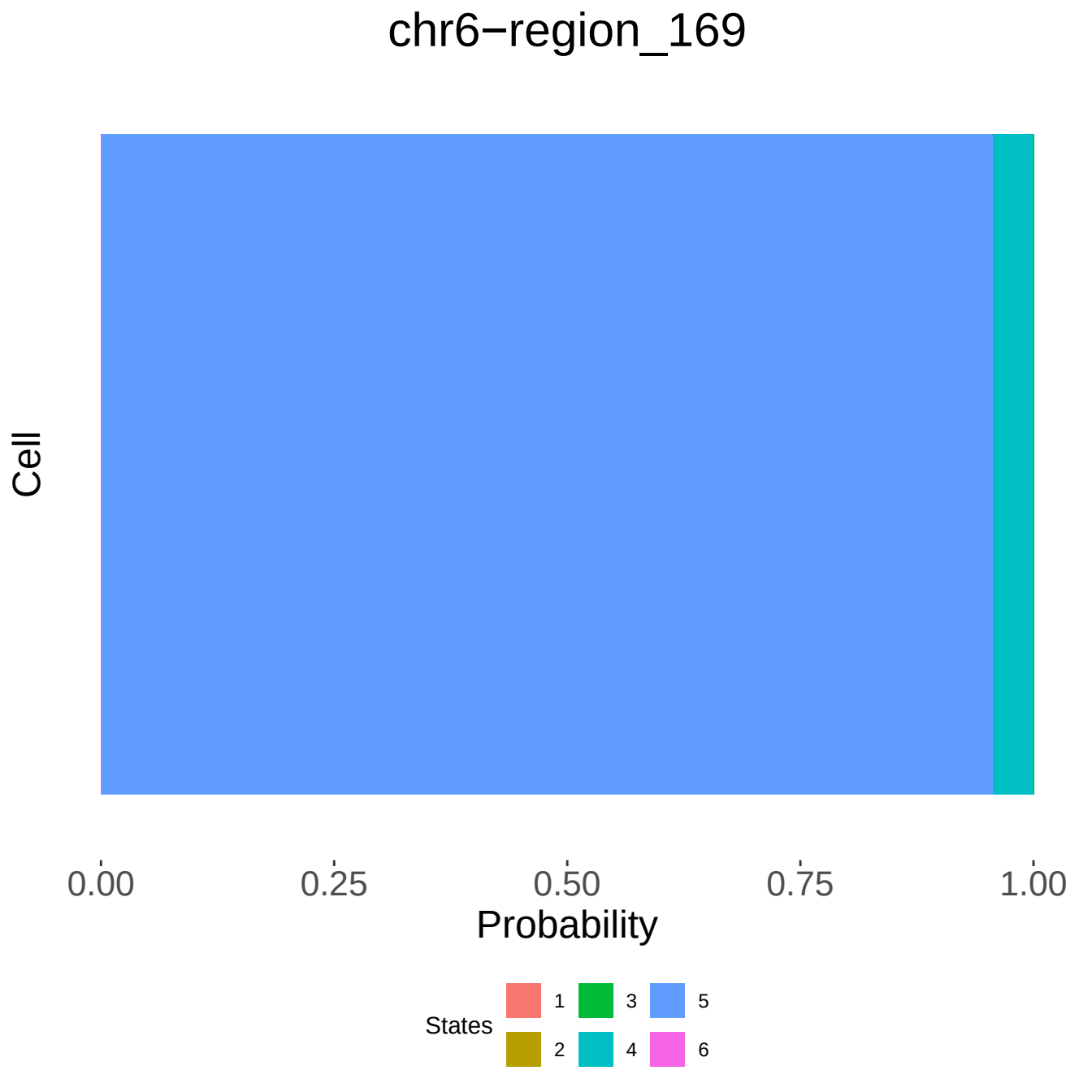
0.75
1.00
Probability
States
1
2
3
4
5
6


chr6−region_169
Cell
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0.25
0.50
0.75
1.00
Probability
States
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2
3
4
5
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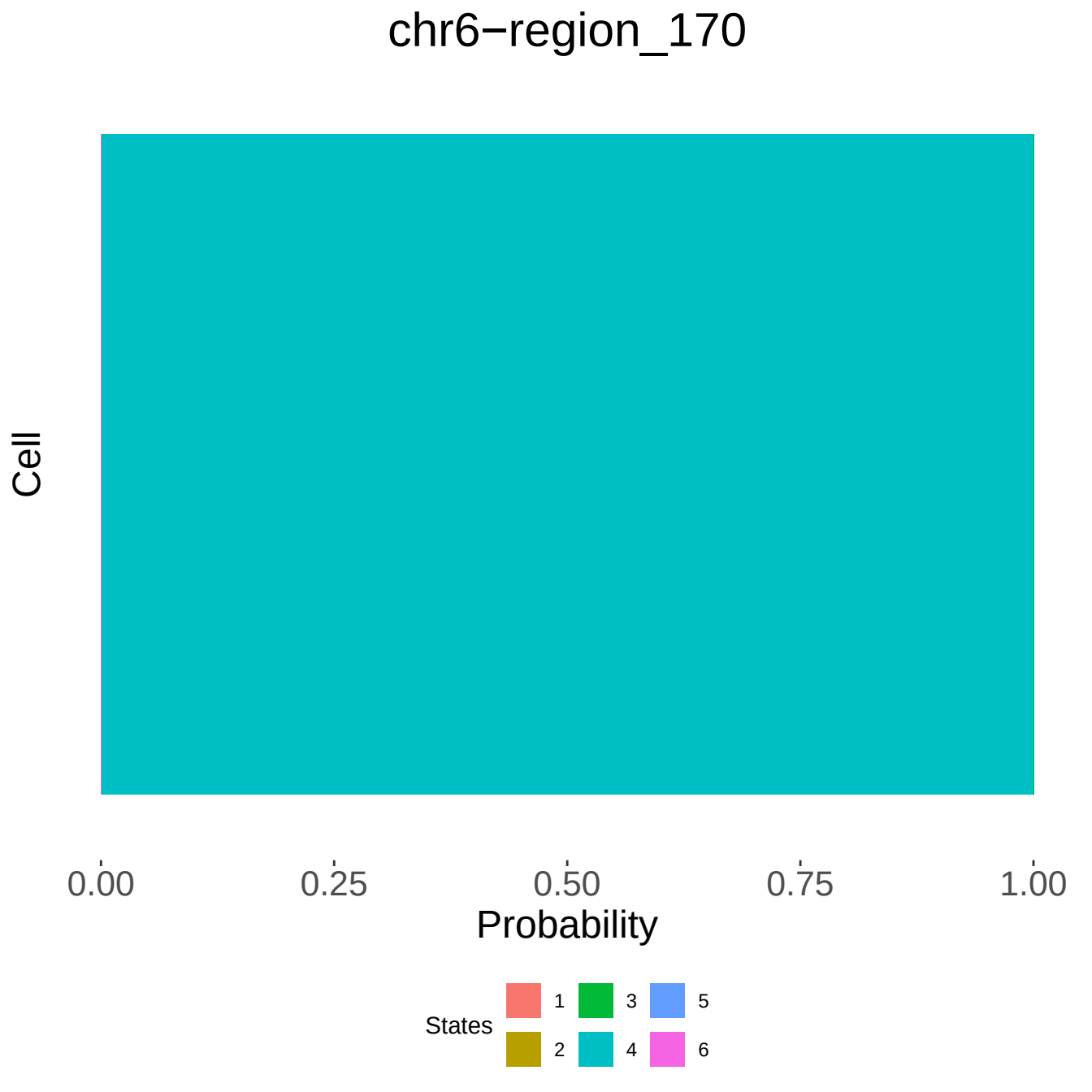
chr6−region_170
Cell
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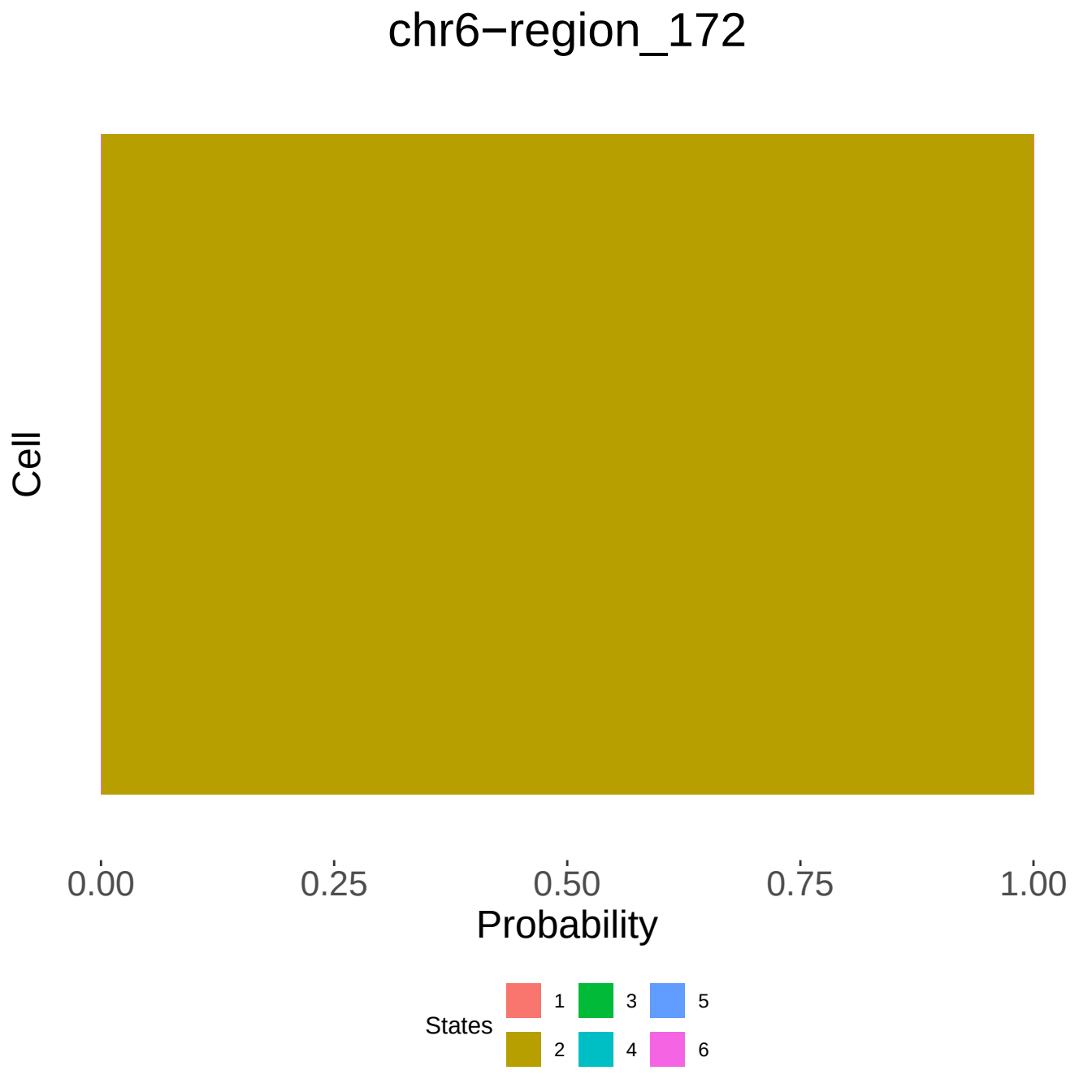
0.25
0.50
0.75
1.00
Probability
States
1
2
3
4
5
6


chr6−region_172
Cell
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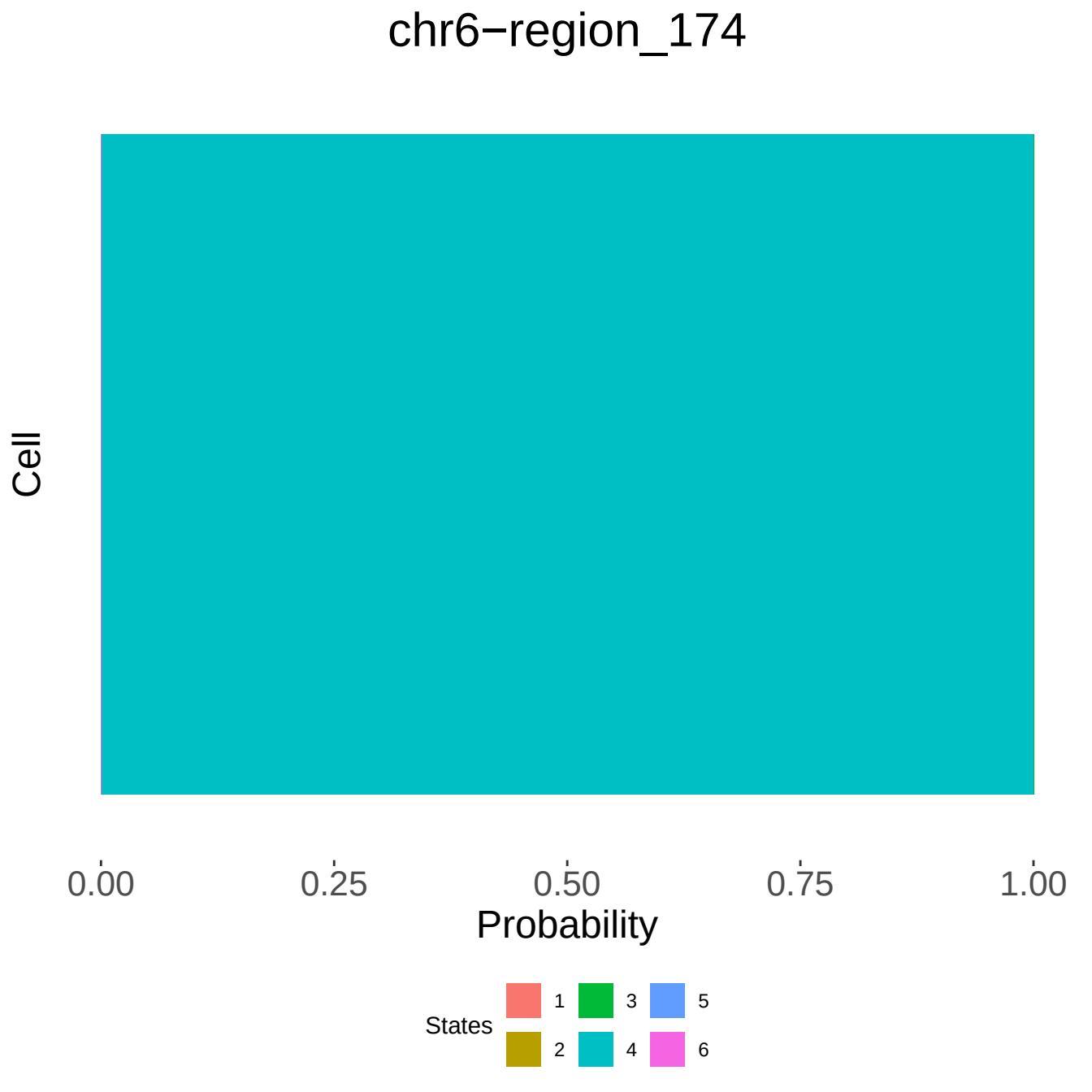
0.25
0.50
0.75
1.00
Probability
States
1
2
3
4
5
6


chr6−region_174
Cell
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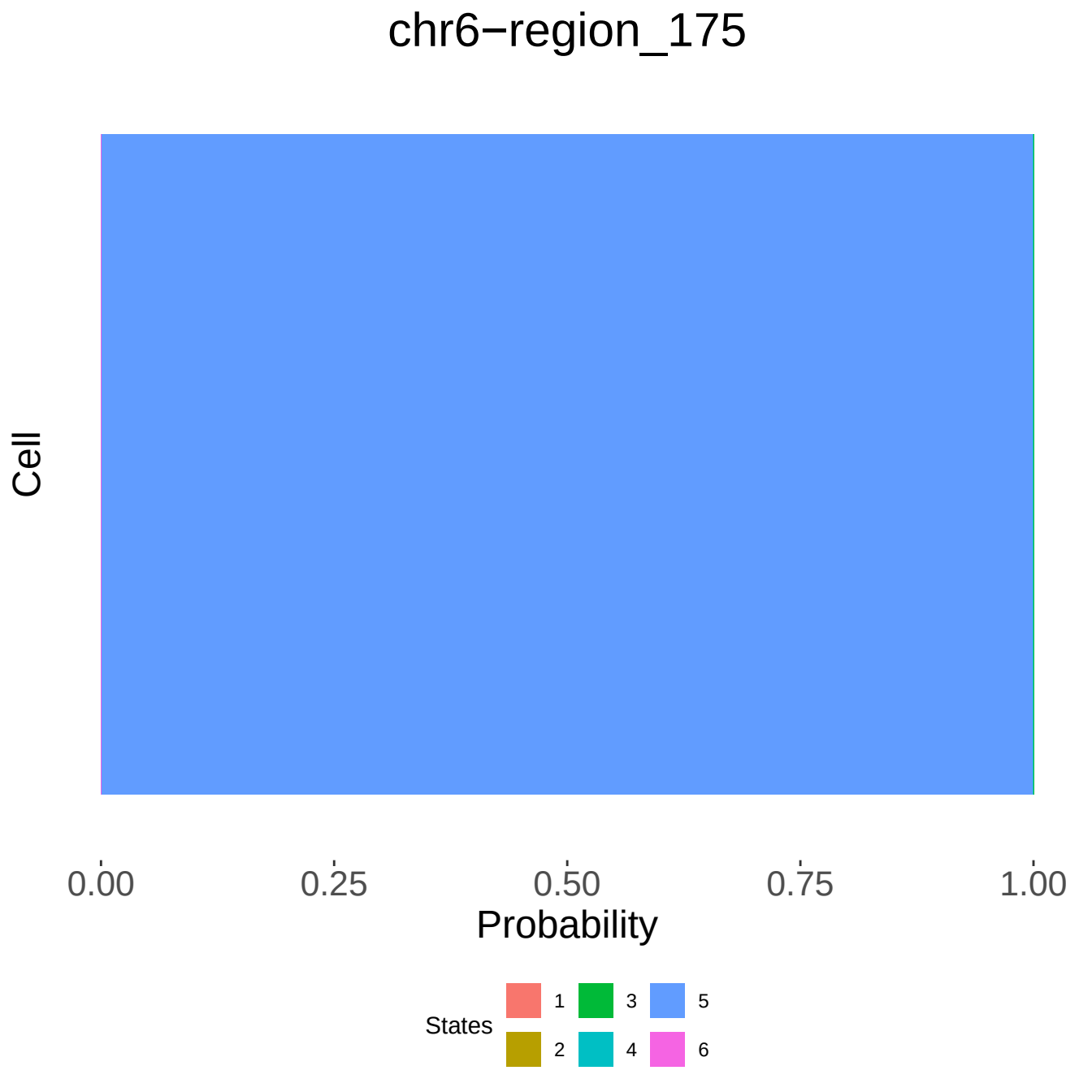
0.25
0.50
0.75
1.00
Probability
States
1
2
3
4
5
6


chr6−region_175
Cell
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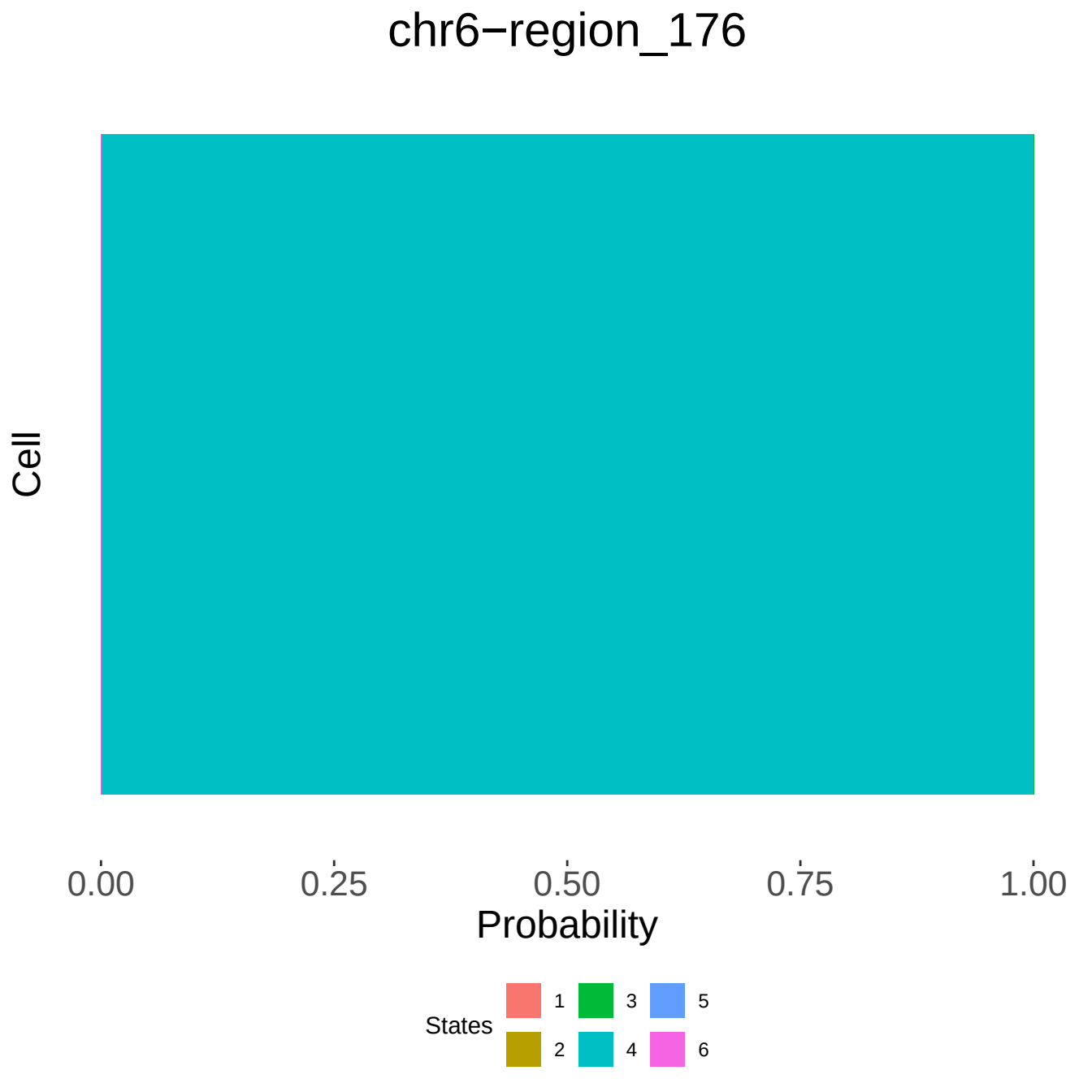
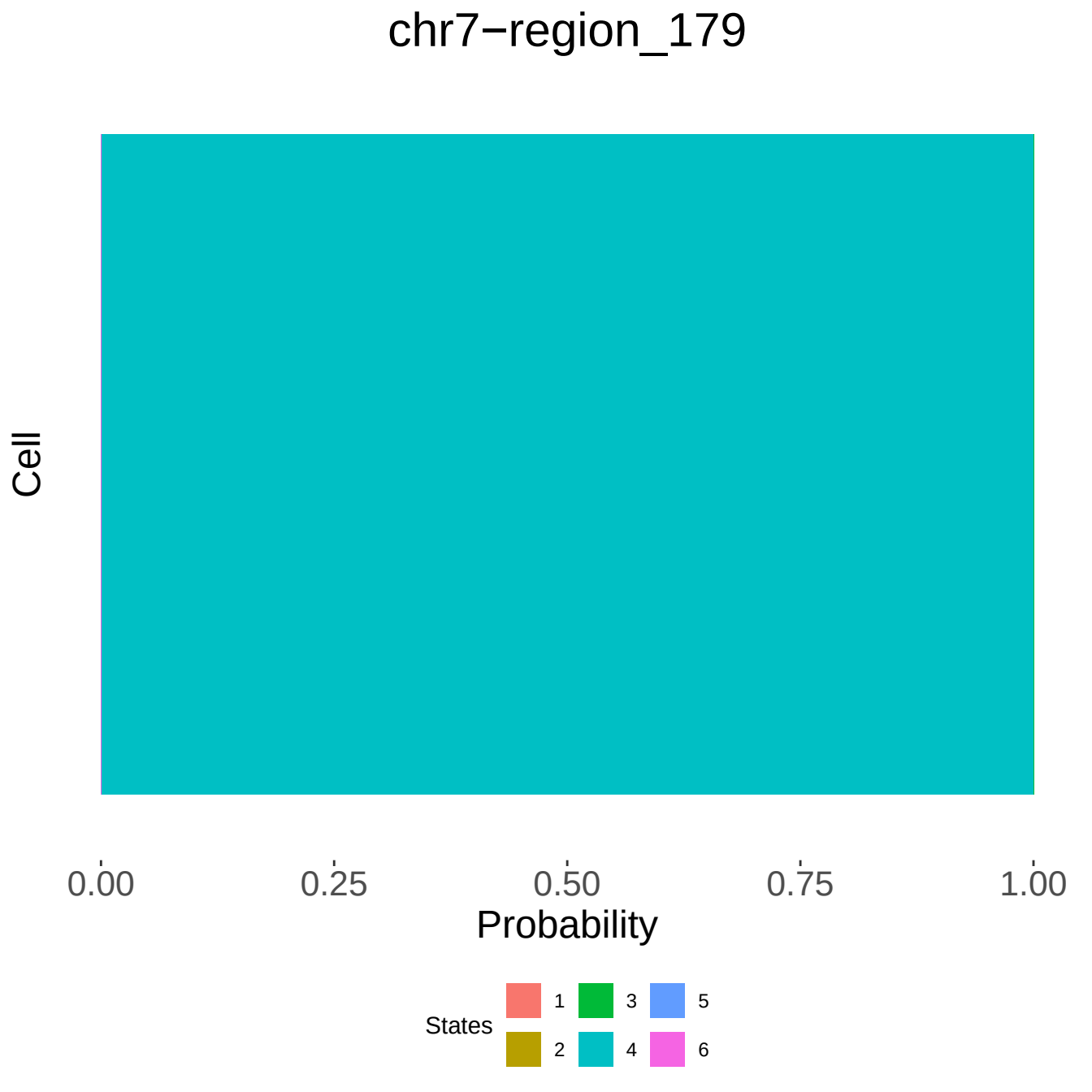
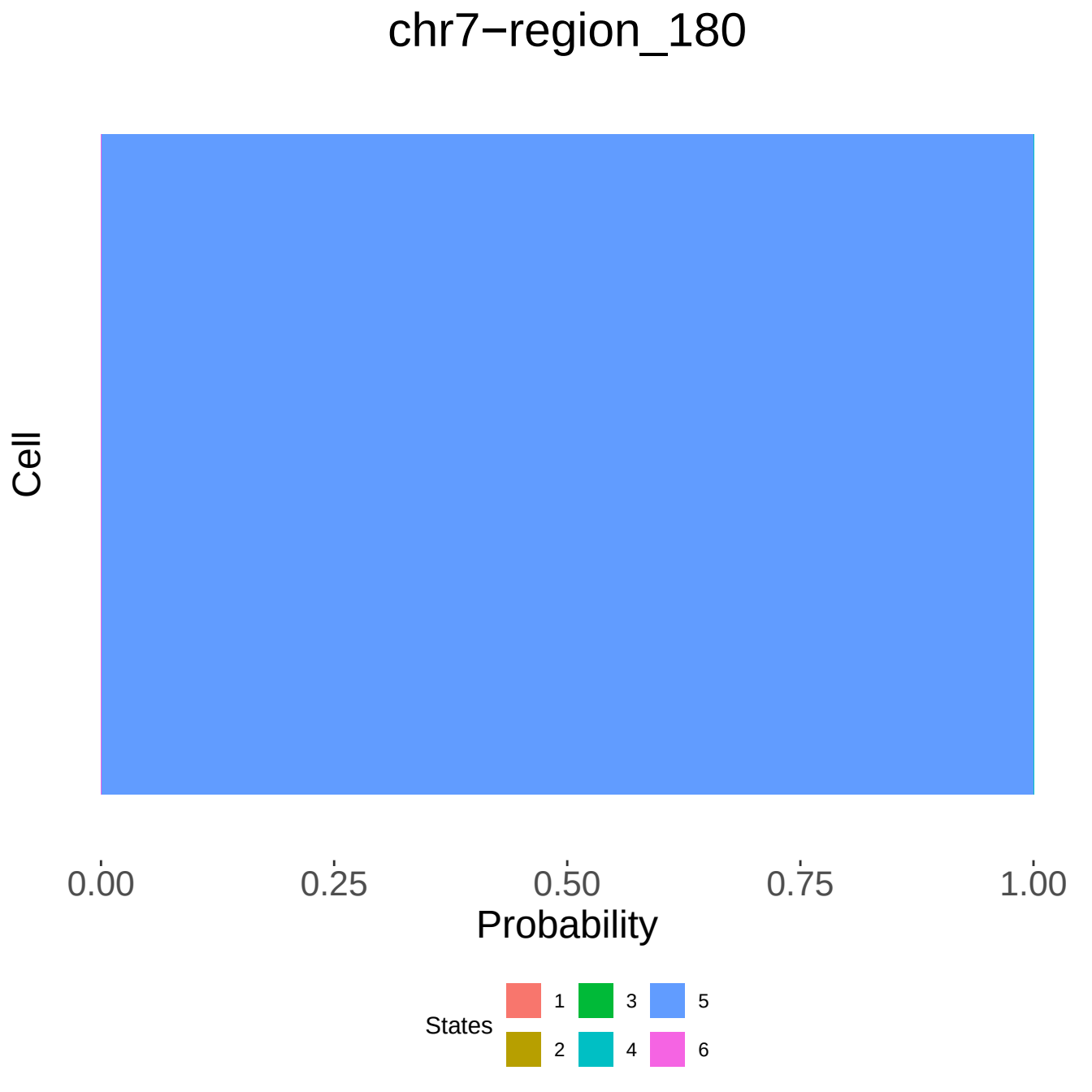
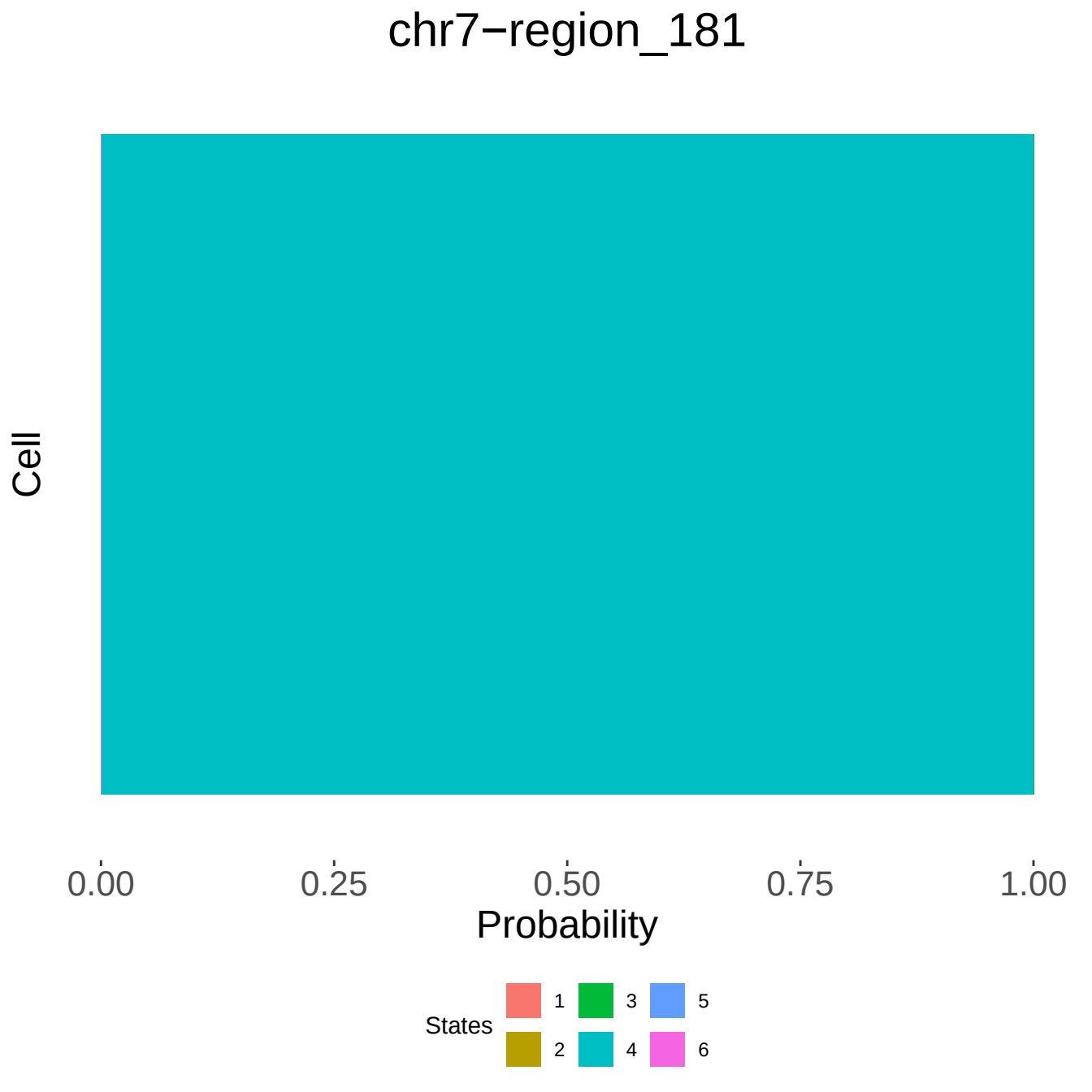
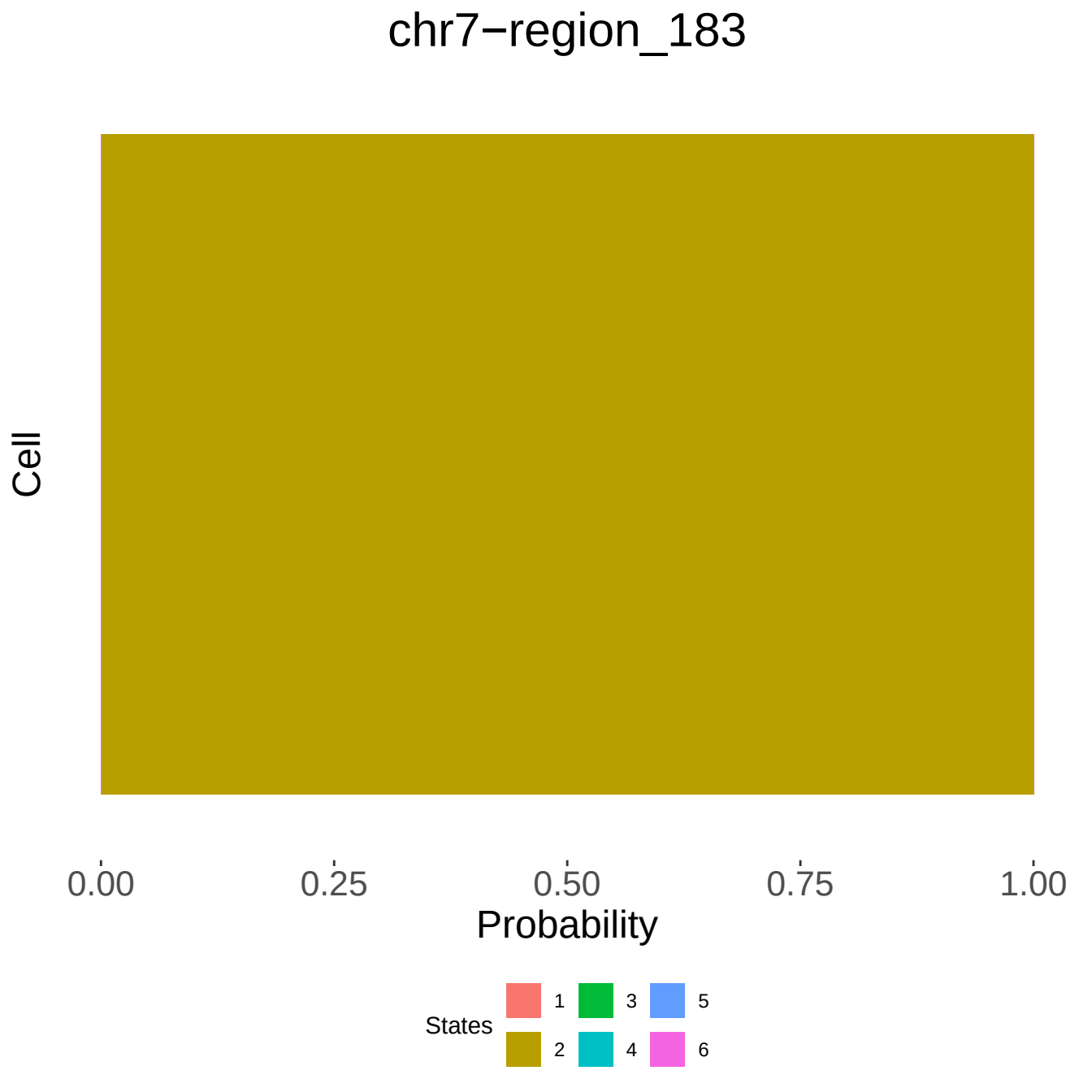
0.25
0.50
0.75
1.00
Probability
States
1
2
3
4
5
6

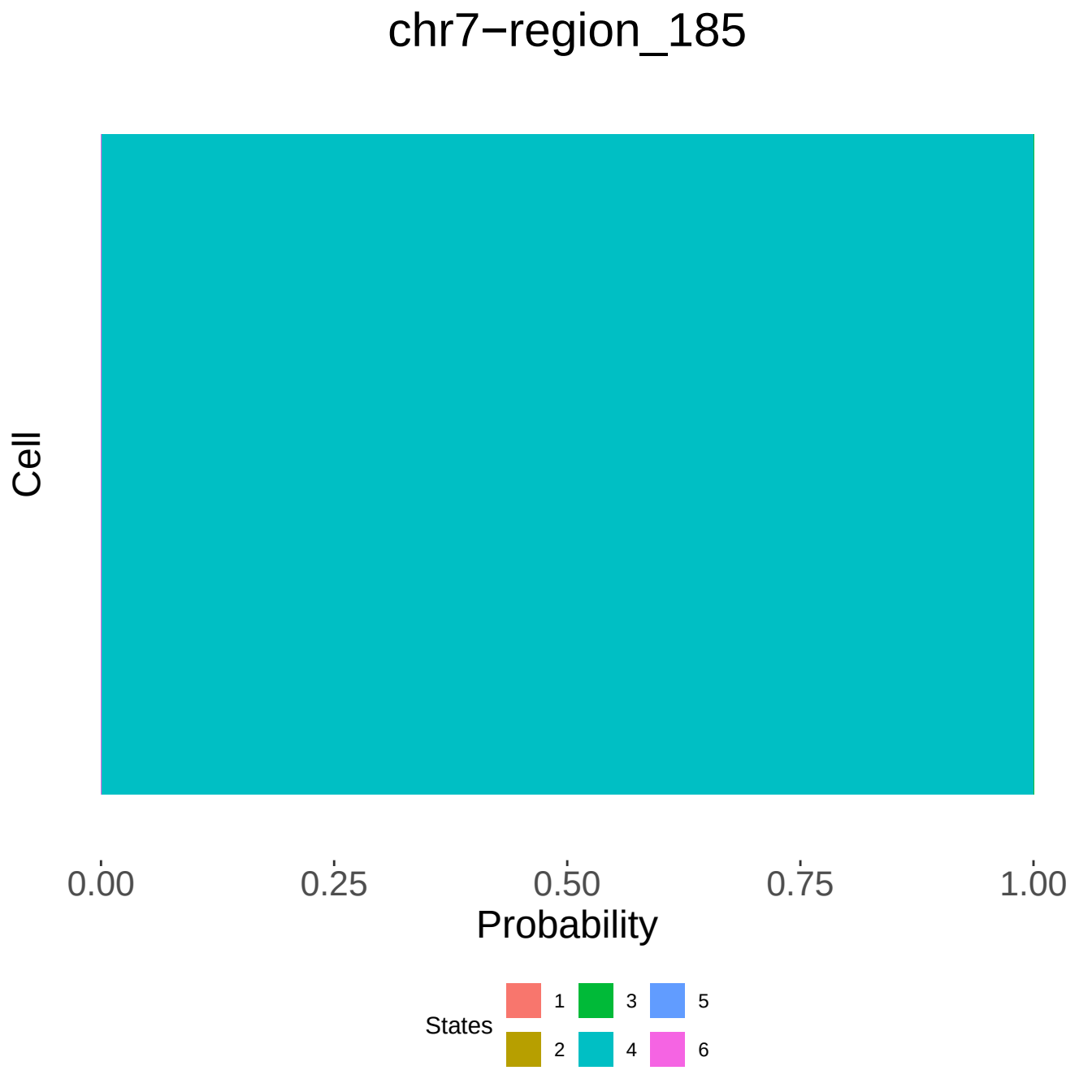

chr6−region_176
Cell
0.00
0.25
0.50
0.75
1.00
Probability
States
1
2
3
4
5
6

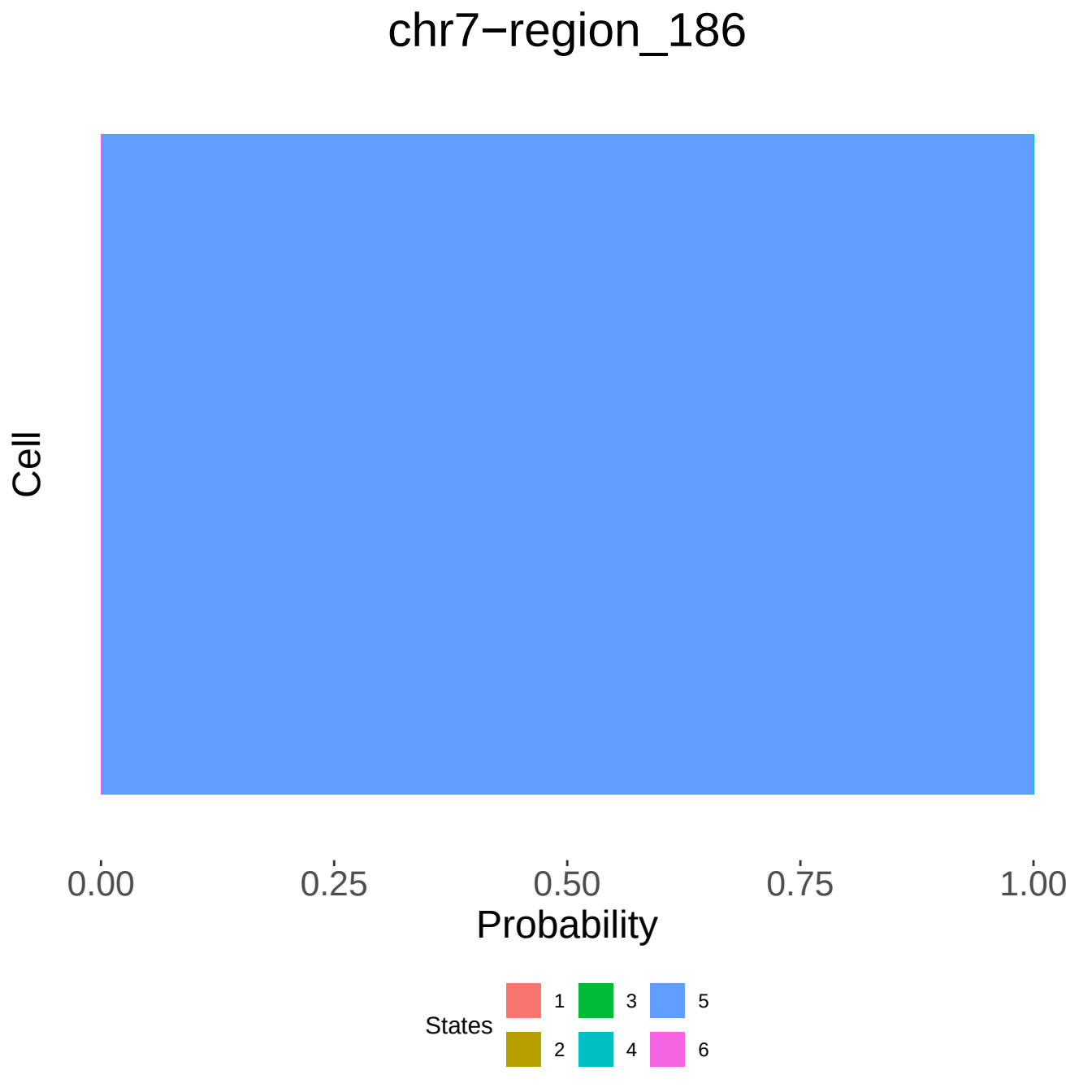

chr7−region_179
Cell
0.00
0.25
0.50
0.75
1.00
Probability
States
1
2
3
4
5
6

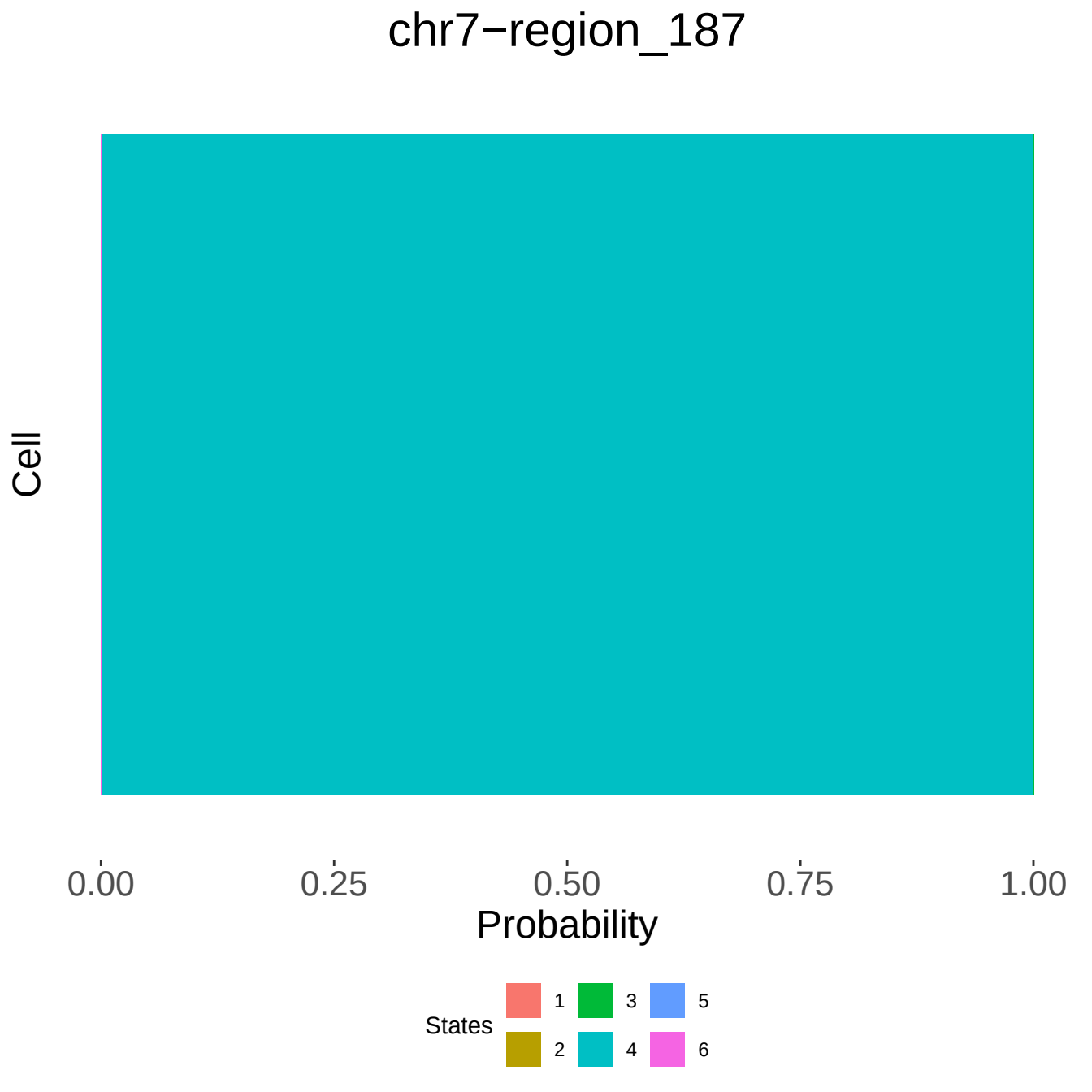

chr7−region_180
Cell
0.00
0.25
0.50
0.75
1.00
Probability
States
1
2
3
4
5
6

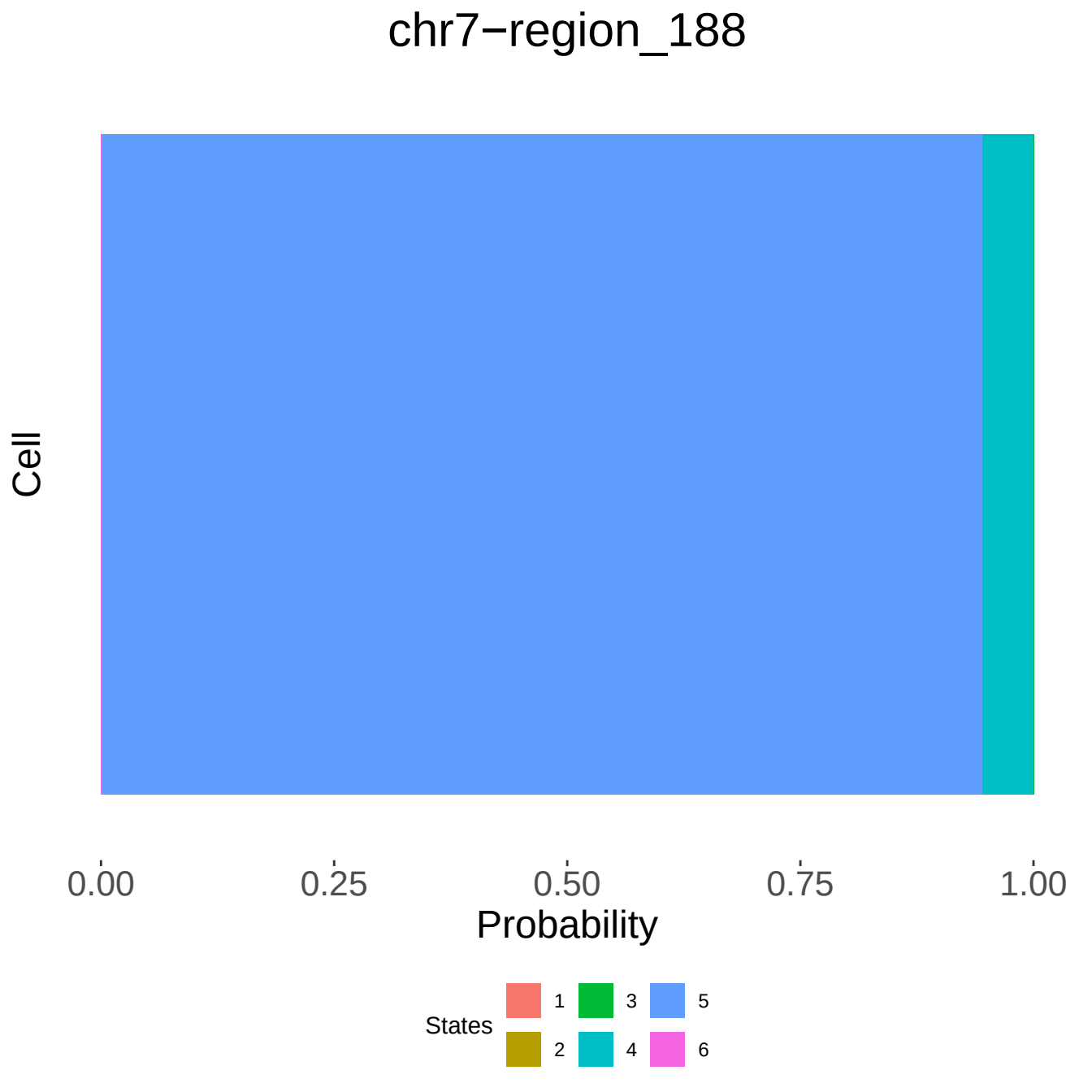

chr7−region_181
Cell
0.00
0.25
0.50
0.75
1.00
Probability
States
1
2
3
4
5
6

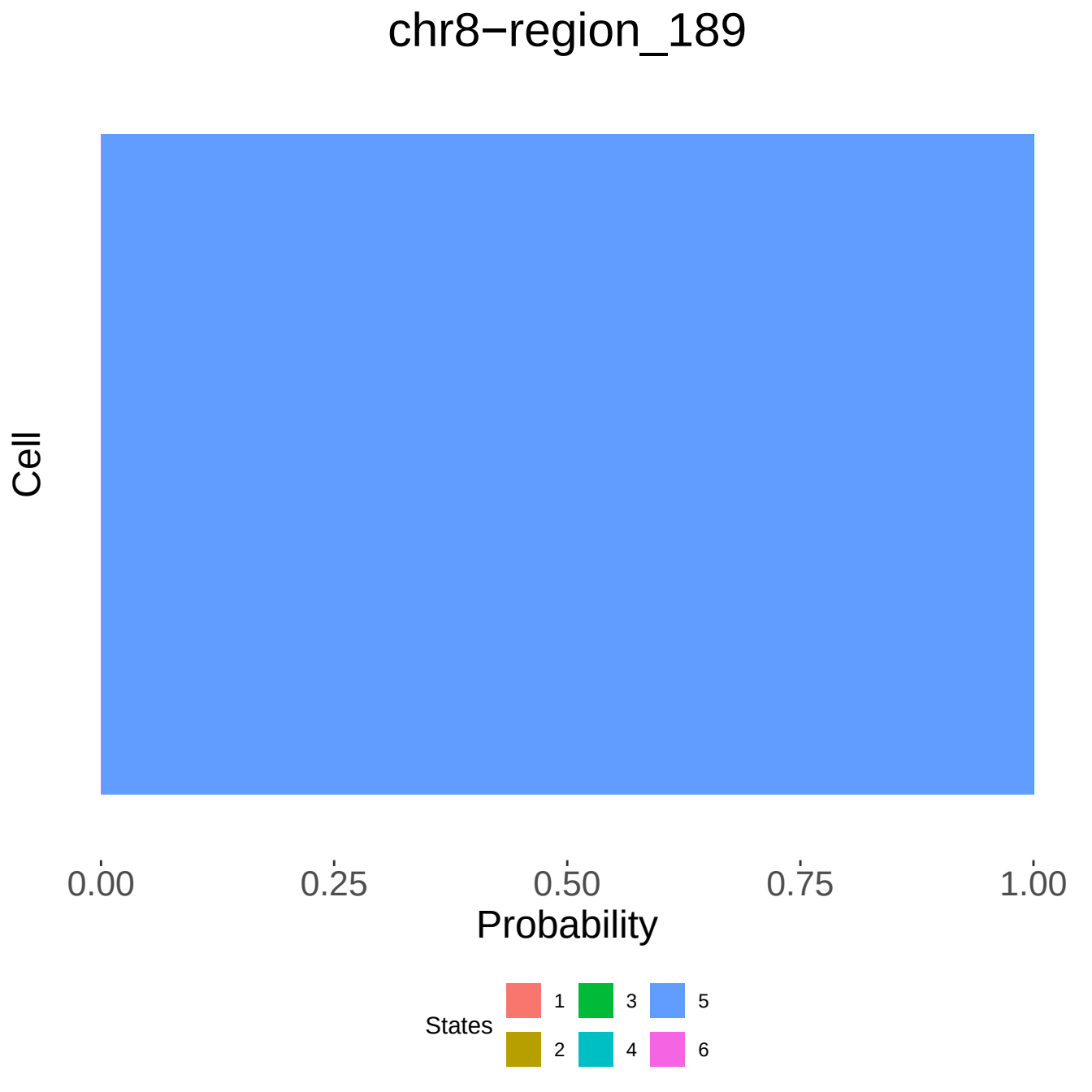

chr7−region_183
Cell
0.00
0.25
0.50
0.75
1.00
Probability
States
1
2
3
4
5
6

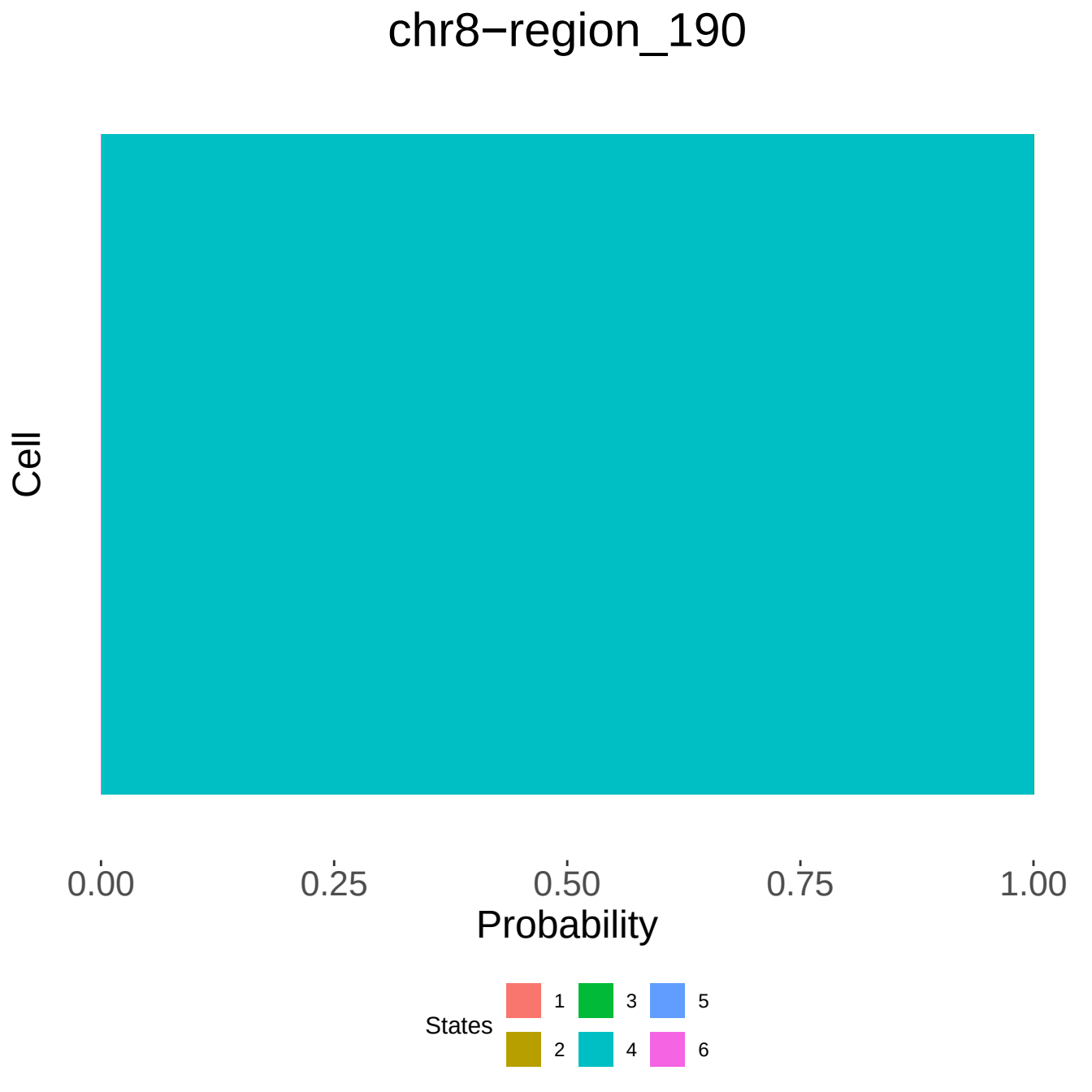

chr7−region_185
Cell
0.00
0.25
0.50
0.75
1.00
Probability
States
1
2
3
4
5
6

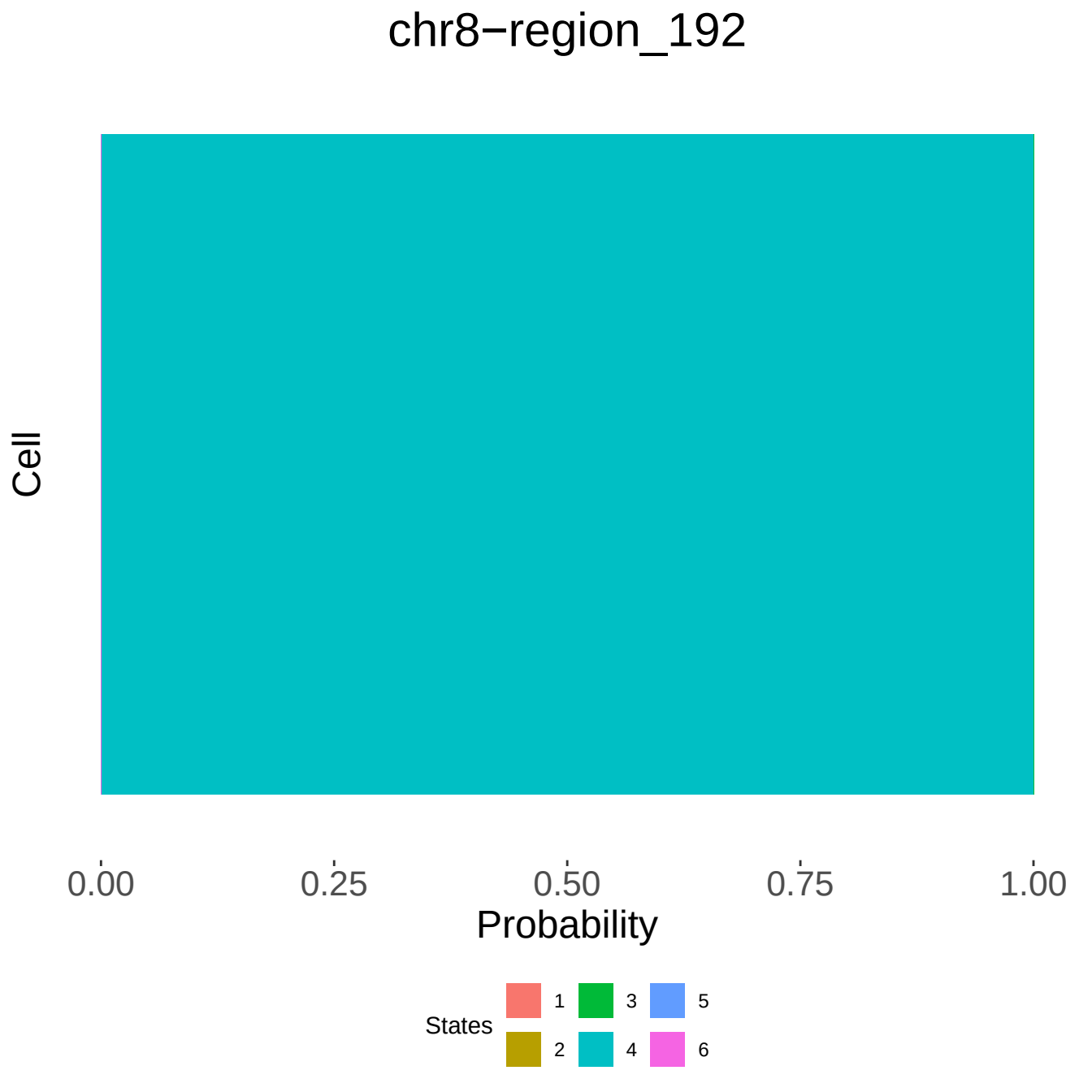

chr7−region_186
Cell
0.00
0.25
0.50
0.75
1.00
Probability
States
1
2
3
4
5
6

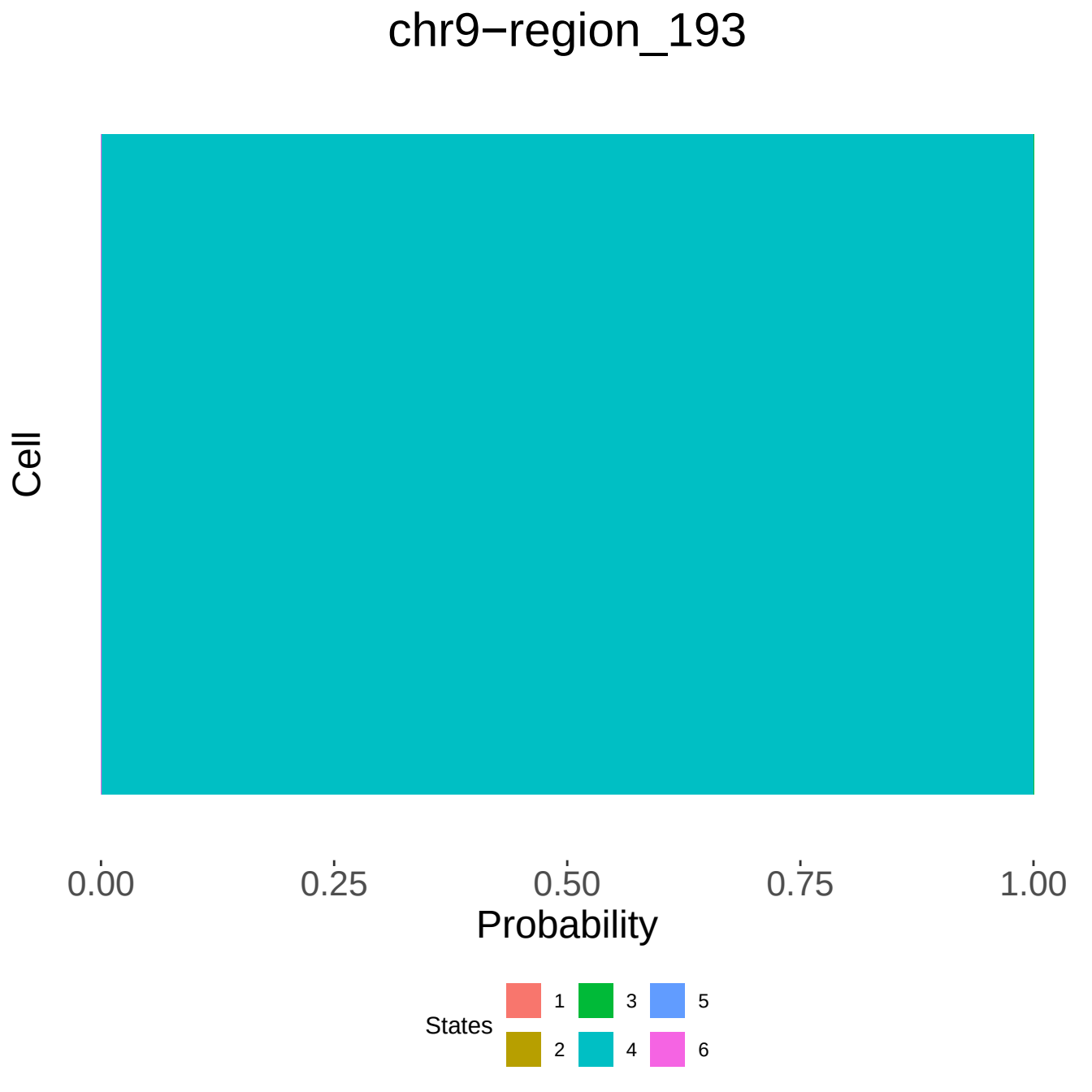

chr7−region_187
Cell
0.00
0.25
0.50
0.75
1.00
Probability
States
1
2
3
4
5
6

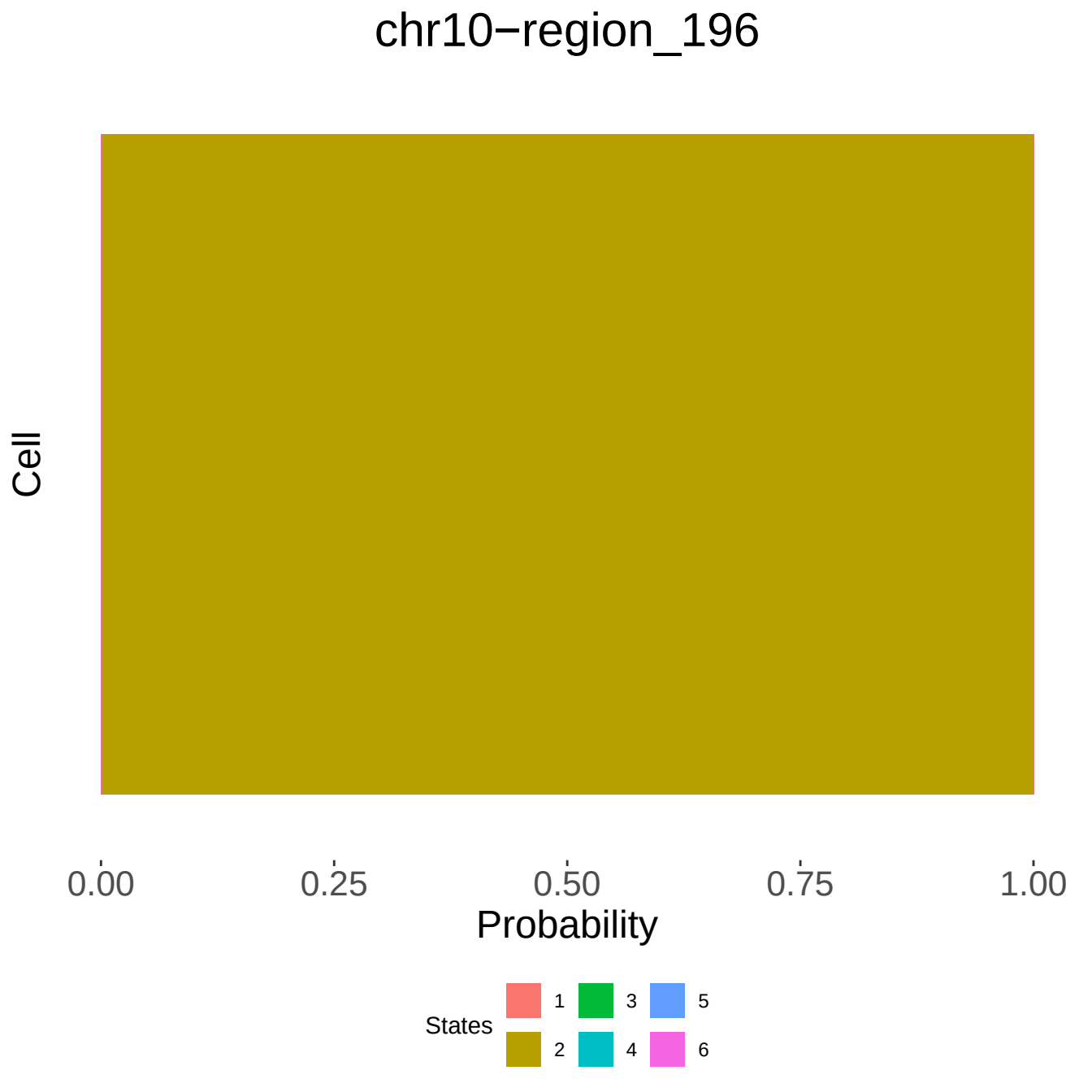

chr7−region_188
Cell
0.00
0.25
0.50
0.75
1.00
Probability
States
1
2
3
4
5
6

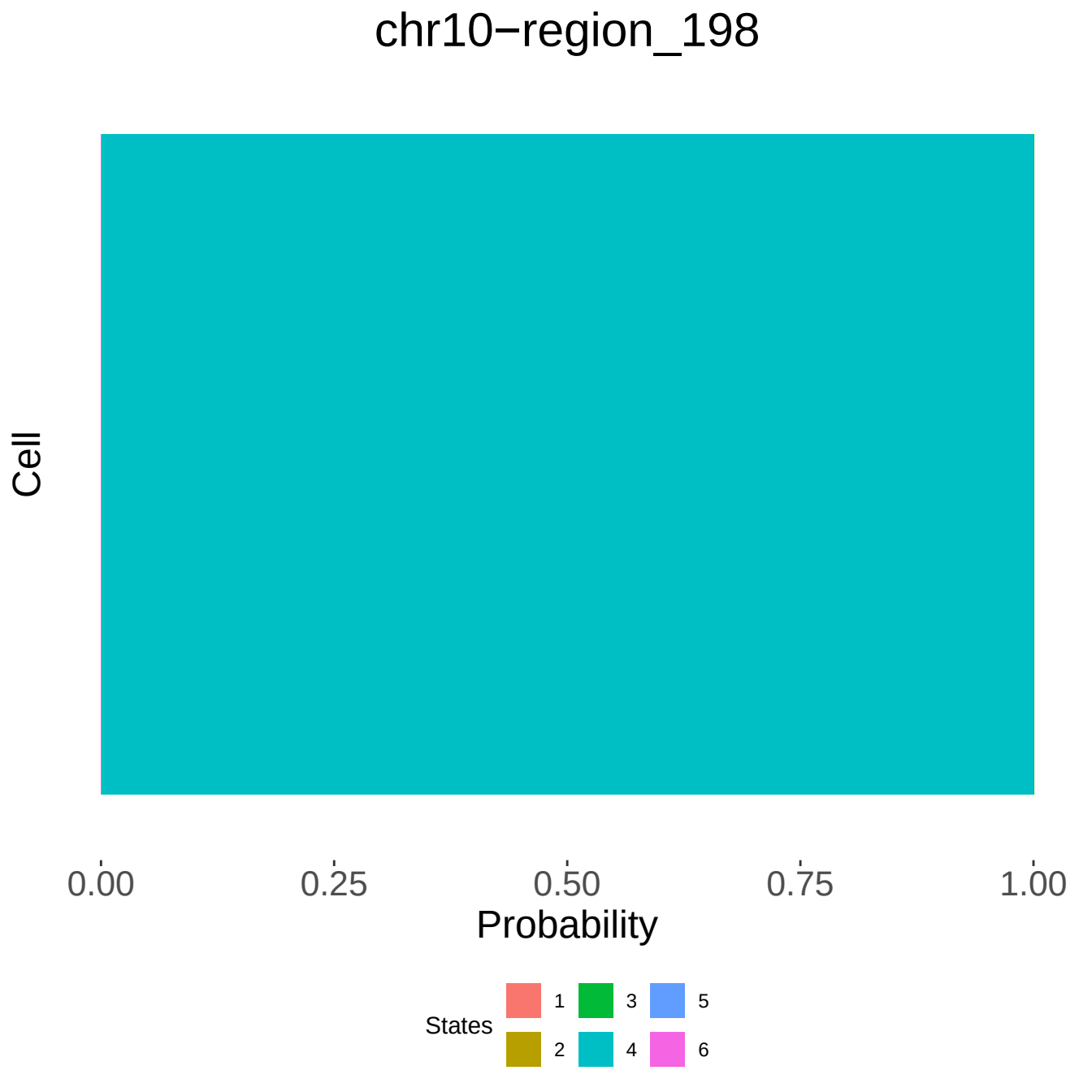

chr8−region_189
Cell
0.00
0.25
0.50
0.75
1.00
Probability
States
1
2
3
4
5
6

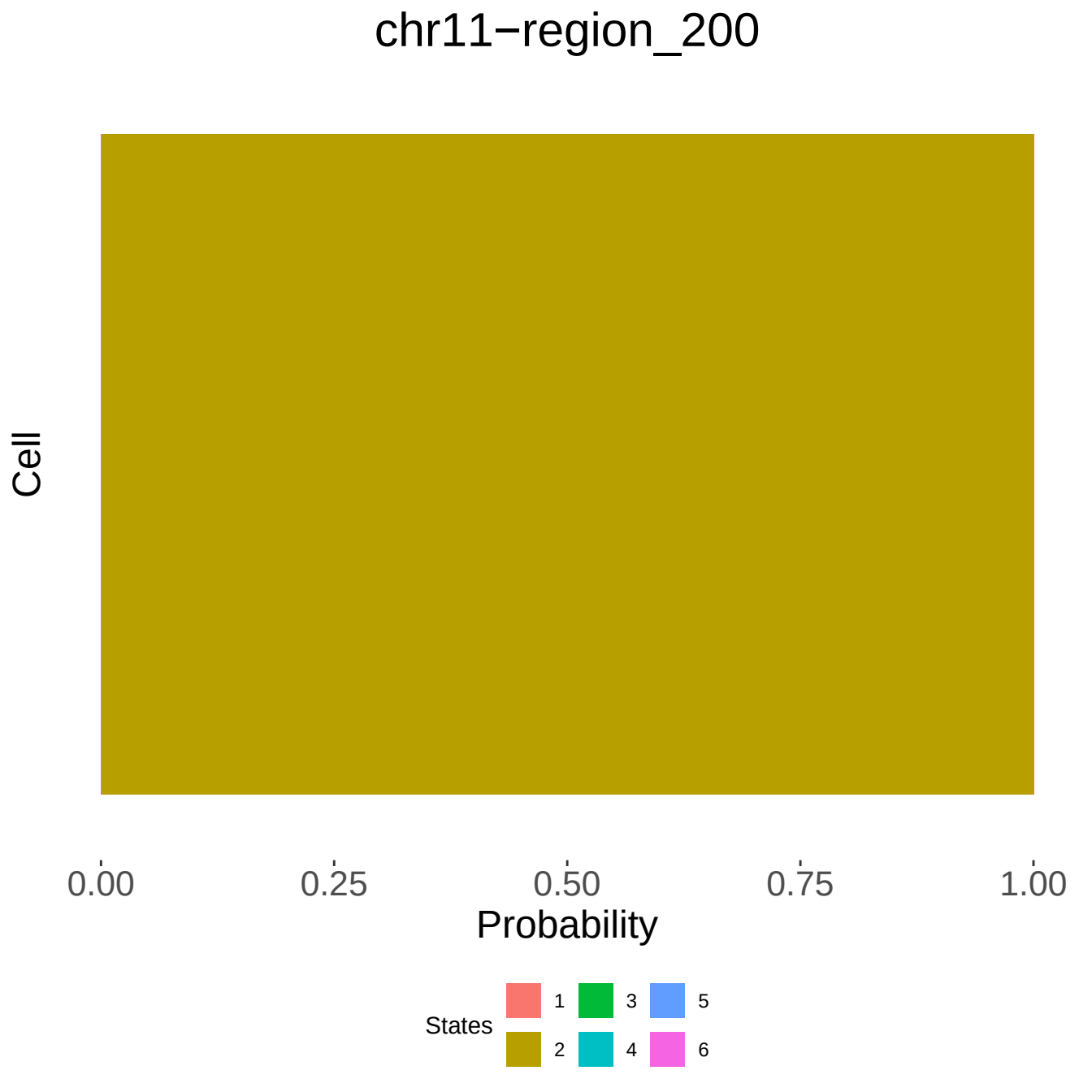

chr8−region_190
Cell
0.00
0.25
0.50
0.75
1.00
Probability
States
1
2
3
4
5
6

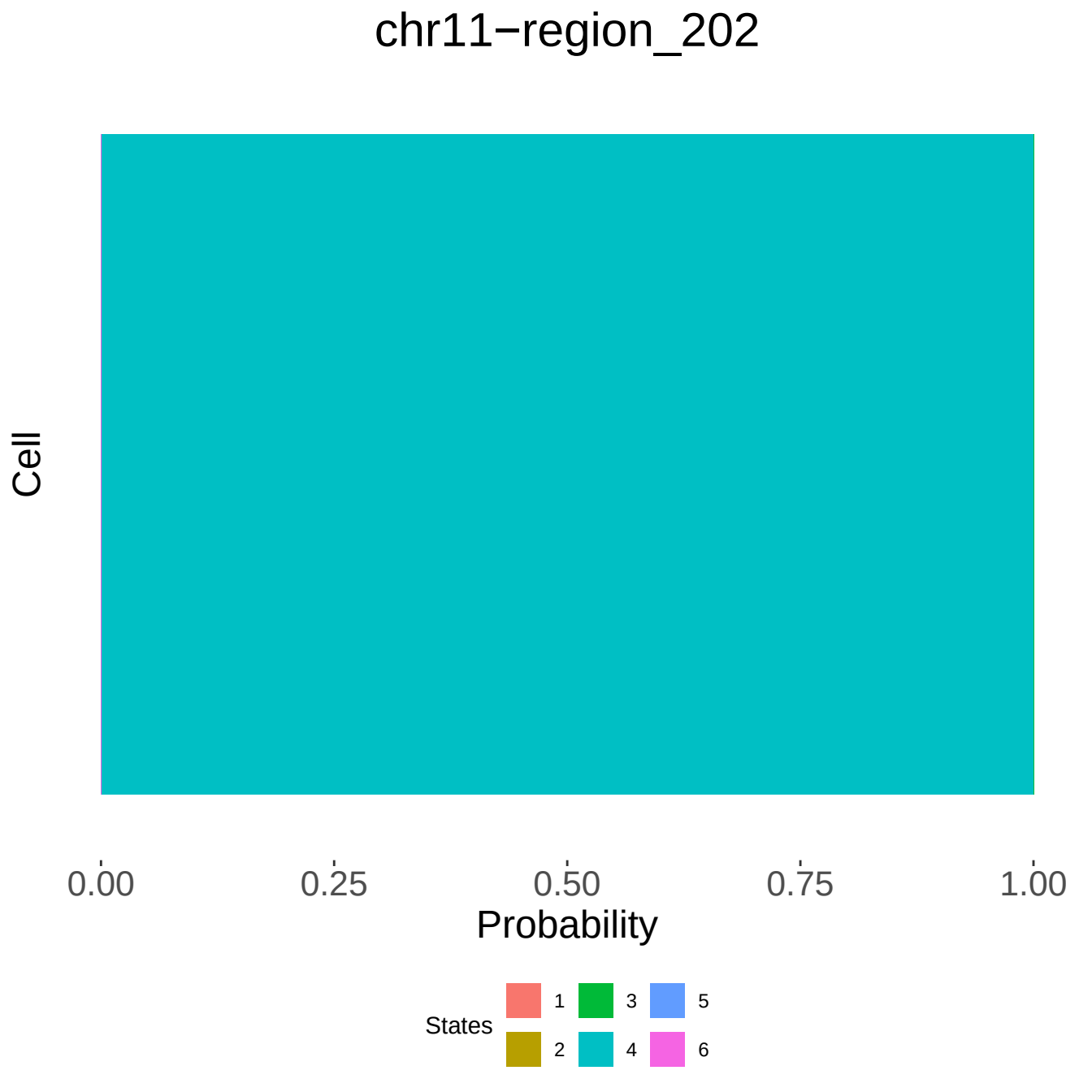

chr8−region_192
Cell
0.00
0.25
0.50
0.75
1.00
Probability
States
1
2
3
4
5
6


chr9−region_193
Cell
0.00
0.25
0.50
0.75
1.00
Probability
States
1
2
3
4
5
6


chr10−region_196
Cell
0.00
0.25
0.50
0.75
1.00
Probability
States
1
2
3
4
5
6


chr10−region_198
Cell
0.00
0.25
0.50
0.75
1.00
Probability
States
1
2
3
4
5
6


chr11−region_200
Cell
0.00
0.25
0.50
0.75
1.00
Probability
States
1
2
3
4
5
6


chr11−region_202
Cell
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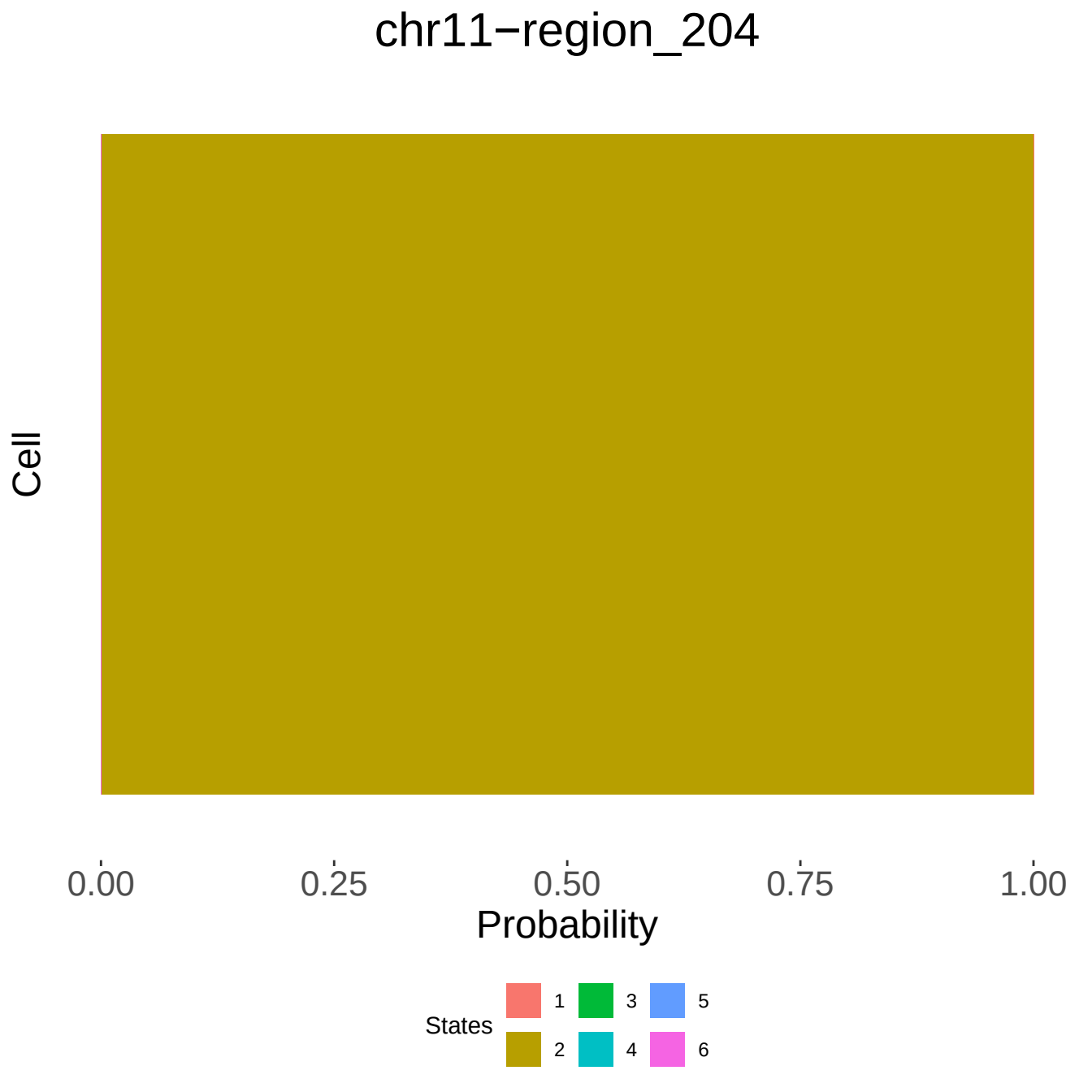
0.25
0.50
0.75
1.00
Probability
States
1
2
3
4
5
6


chr11−region_204
Cell
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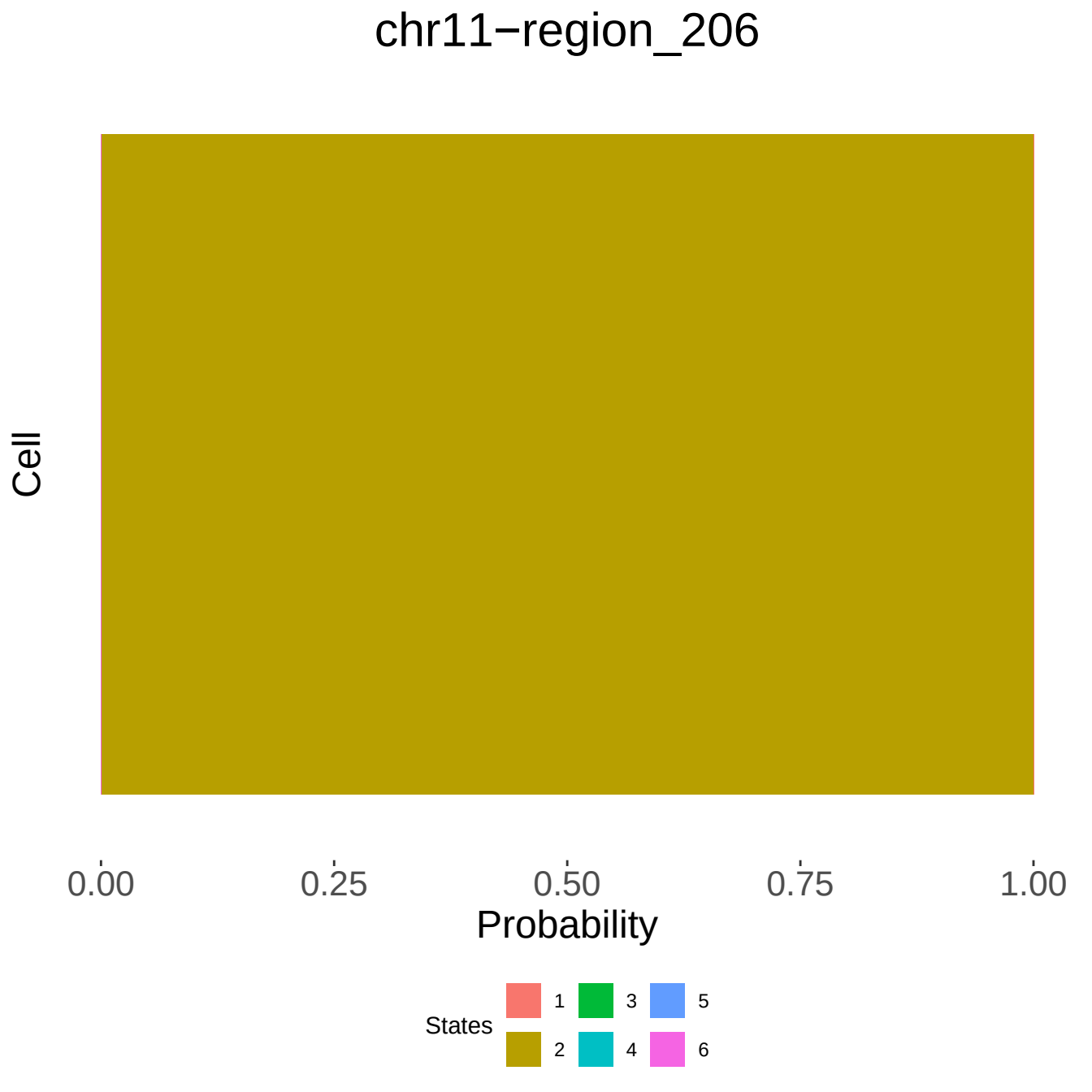
0.25
0.50
0.75
1.00
Probability
States
1
2
3
4
5
6


chr11−region_206
Cell
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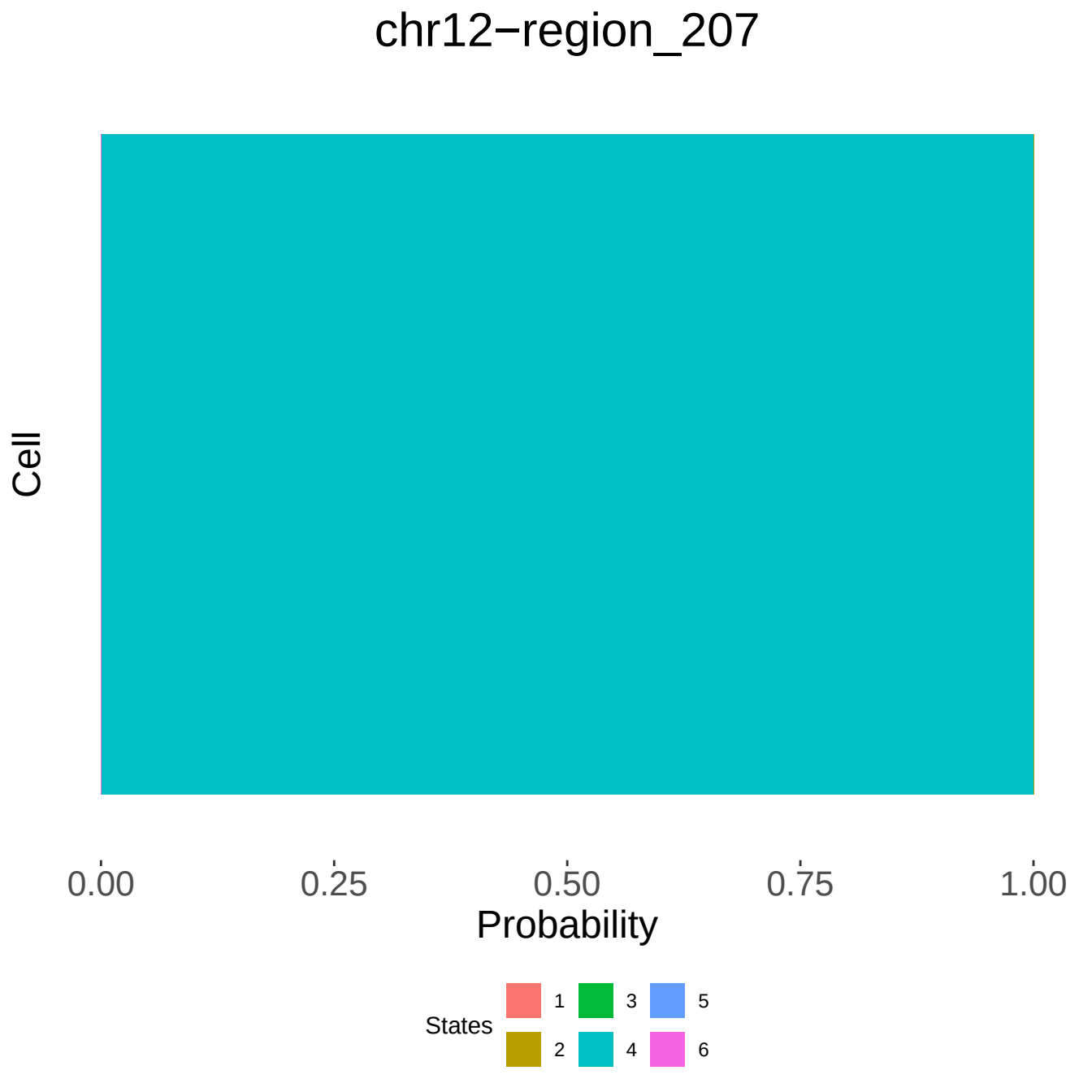
0.25
0.50
0.75
1.00
Probability
States
1
2
3
4
5
6


chr12−region_207
Cell
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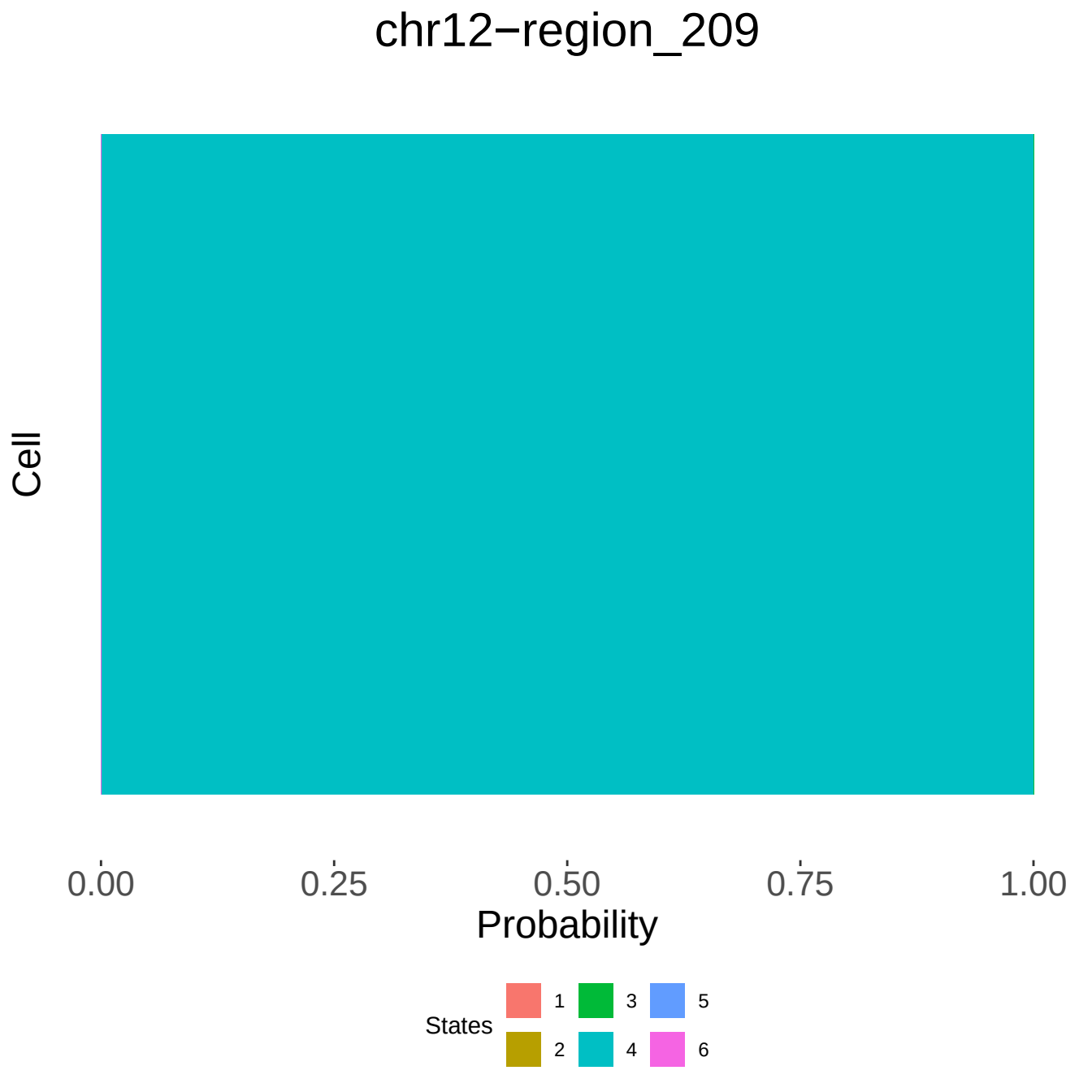
0.25
0.50
0.75
1.00
Probability
States
1
2
3
4
5
6


chr12−region_209
Cell
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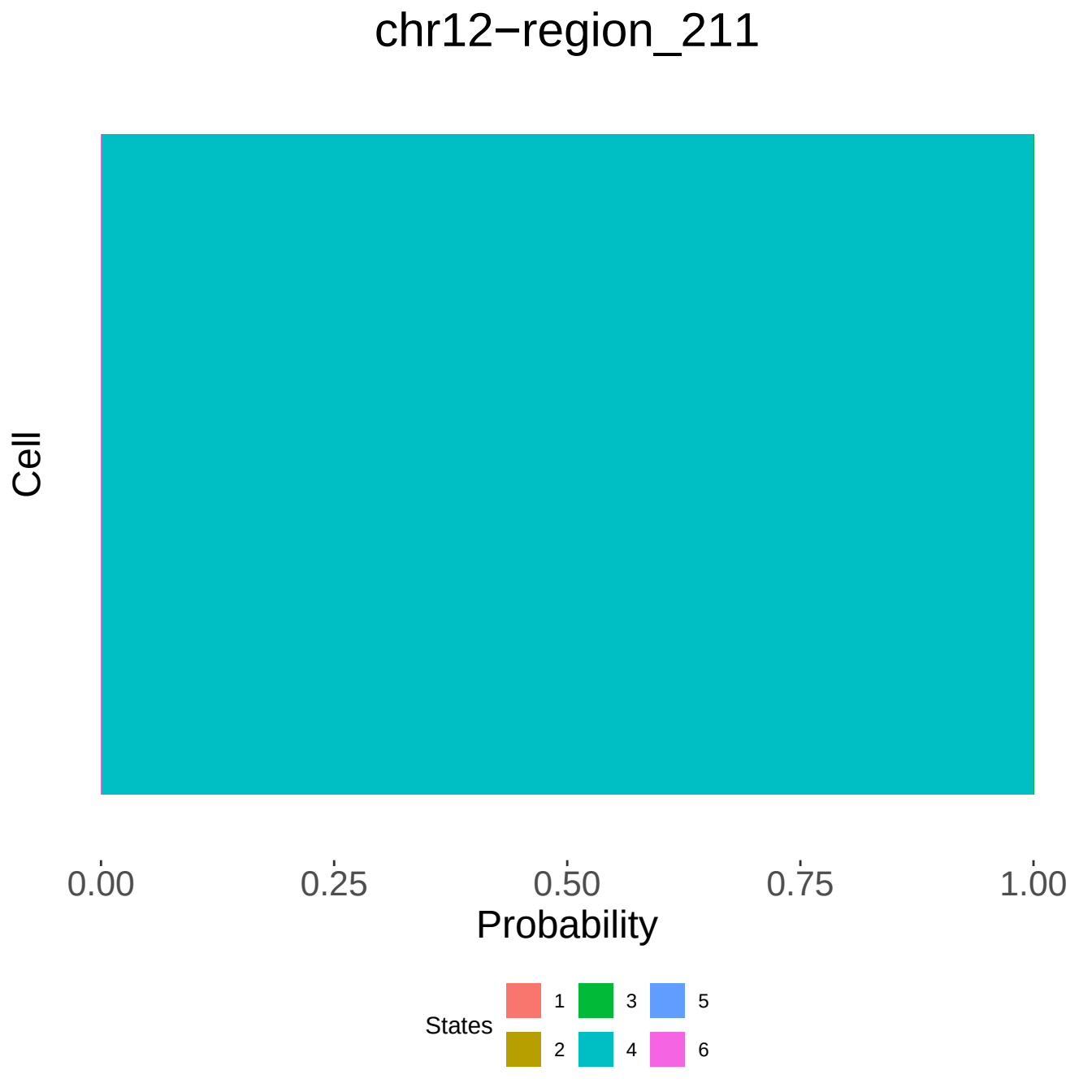
0.25
0.50
0.75
1.00
Probability
States
1
2
3
4
5
6


chr12−region_211
Cell
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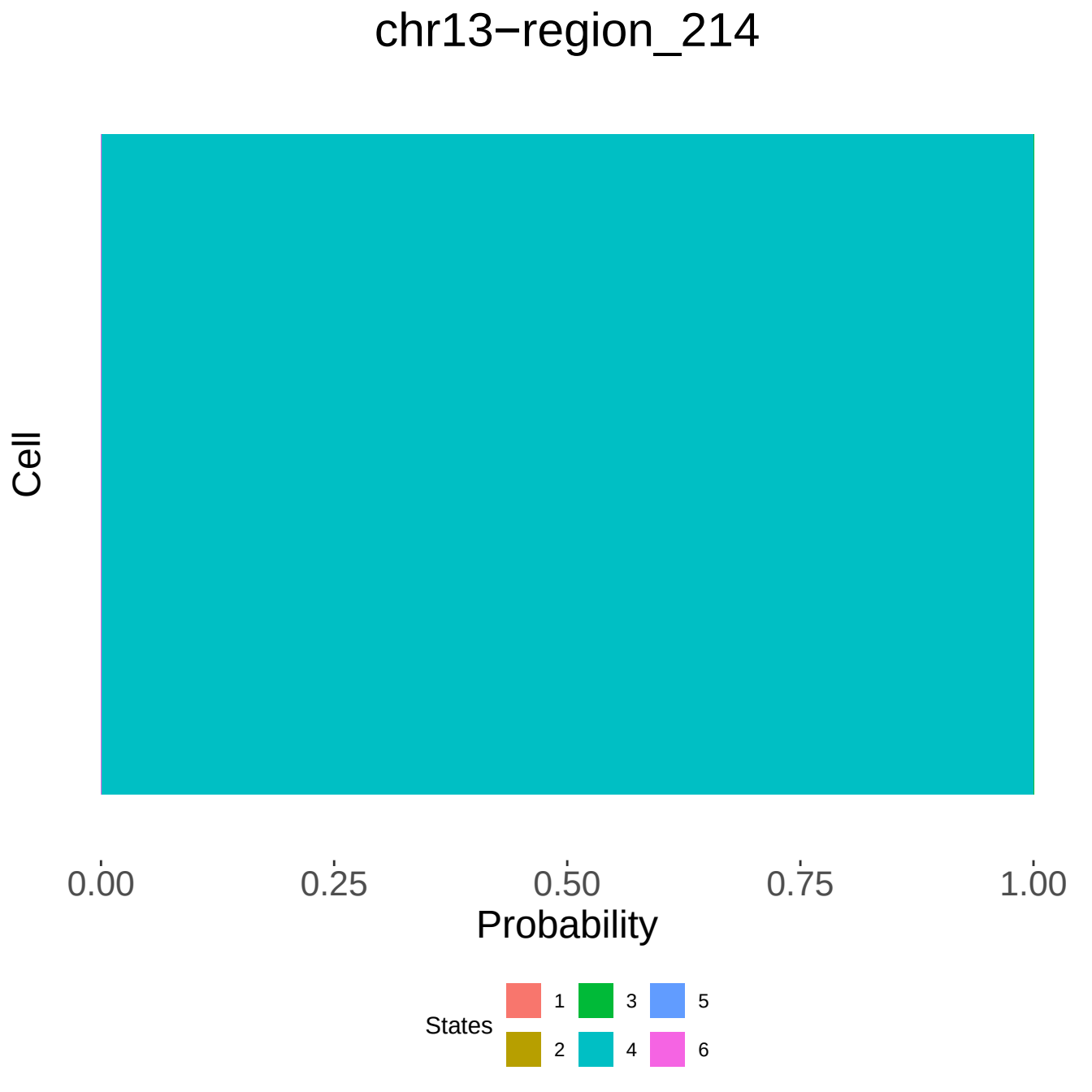
0.25
0.50
0.75
1.00
Probability
States
1
2
3
4
5
6


chr13−region_214
Cell
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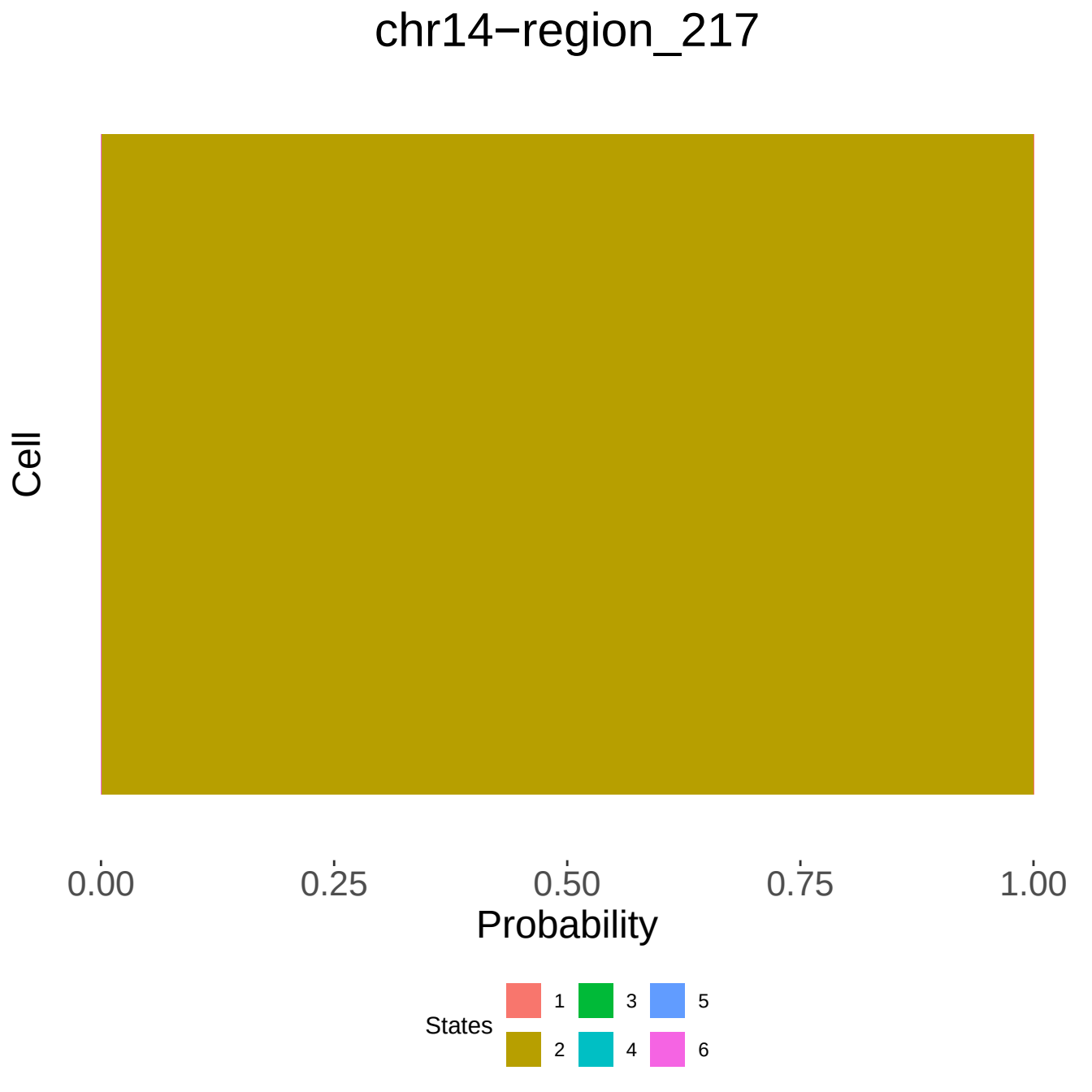
0.25
0.50
0.75
1.00
Probability
States
1
2
3
4
5
6


chr14−region_217
Cell
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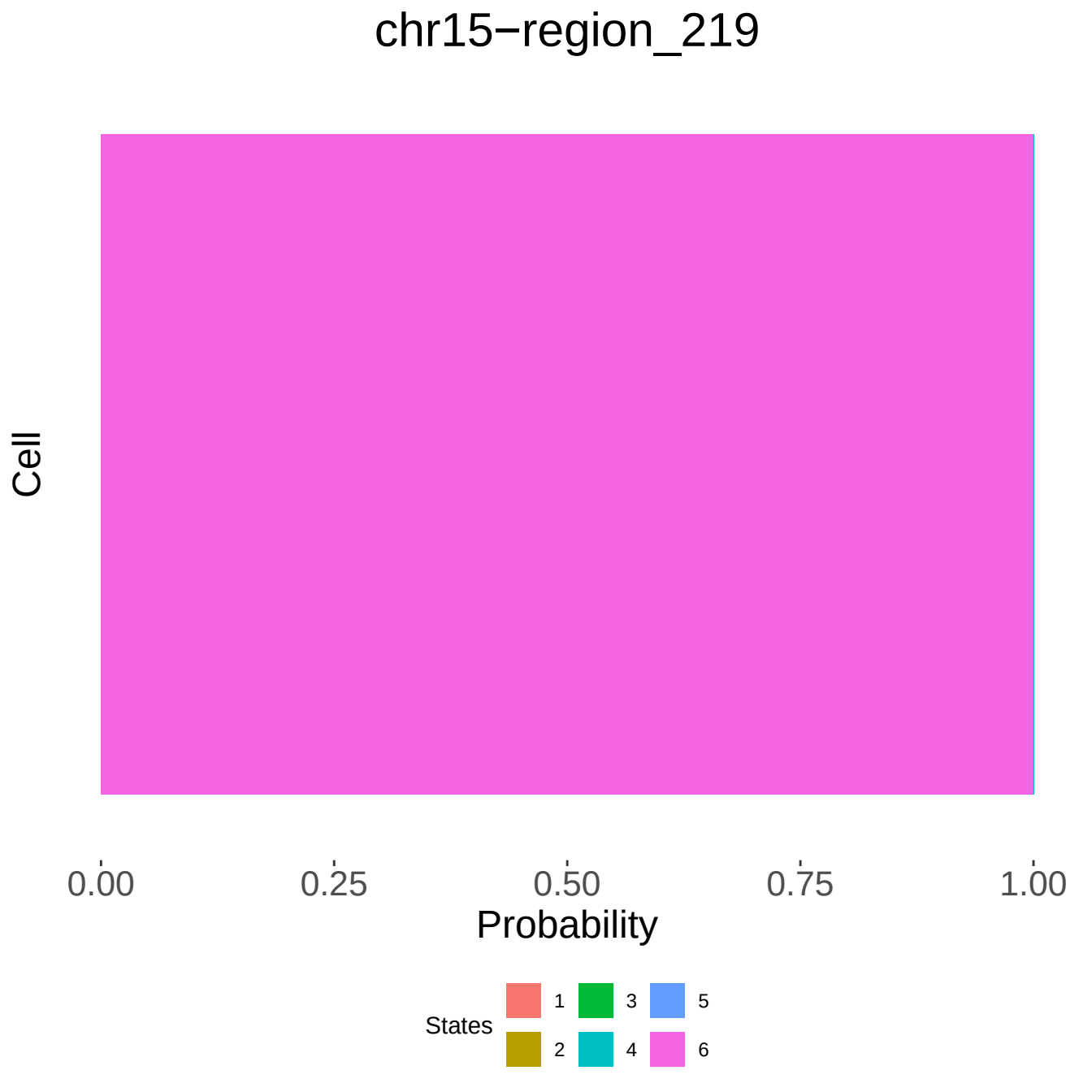
0.25
0.50
0.75
1.00
Probability
States
1
2
3
4
5
6


chr15−region_219
Cell
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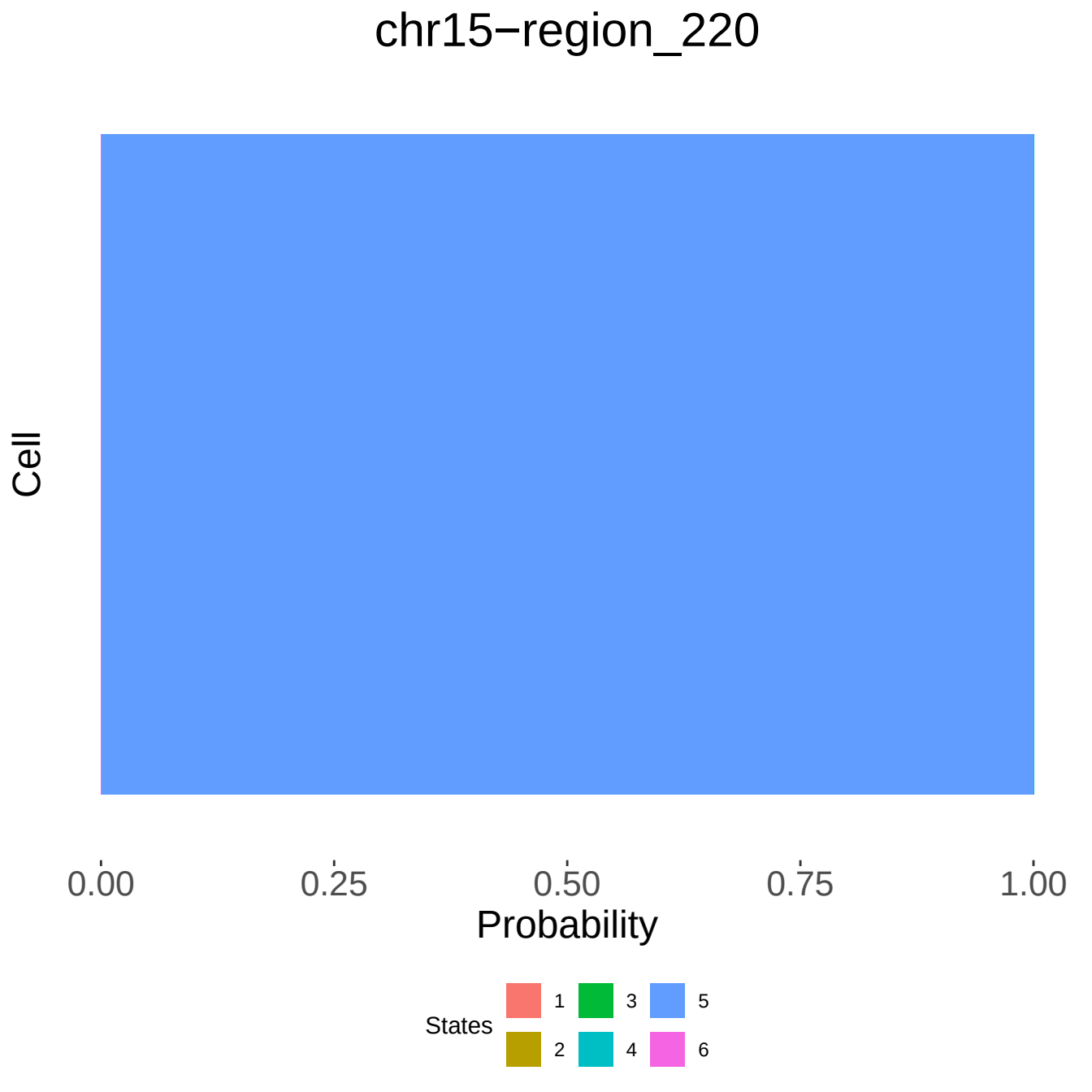
0.25
0.50
0.75
1.00
Probability
States
1
2
3
4
5
6


chr15−region_220
Cell
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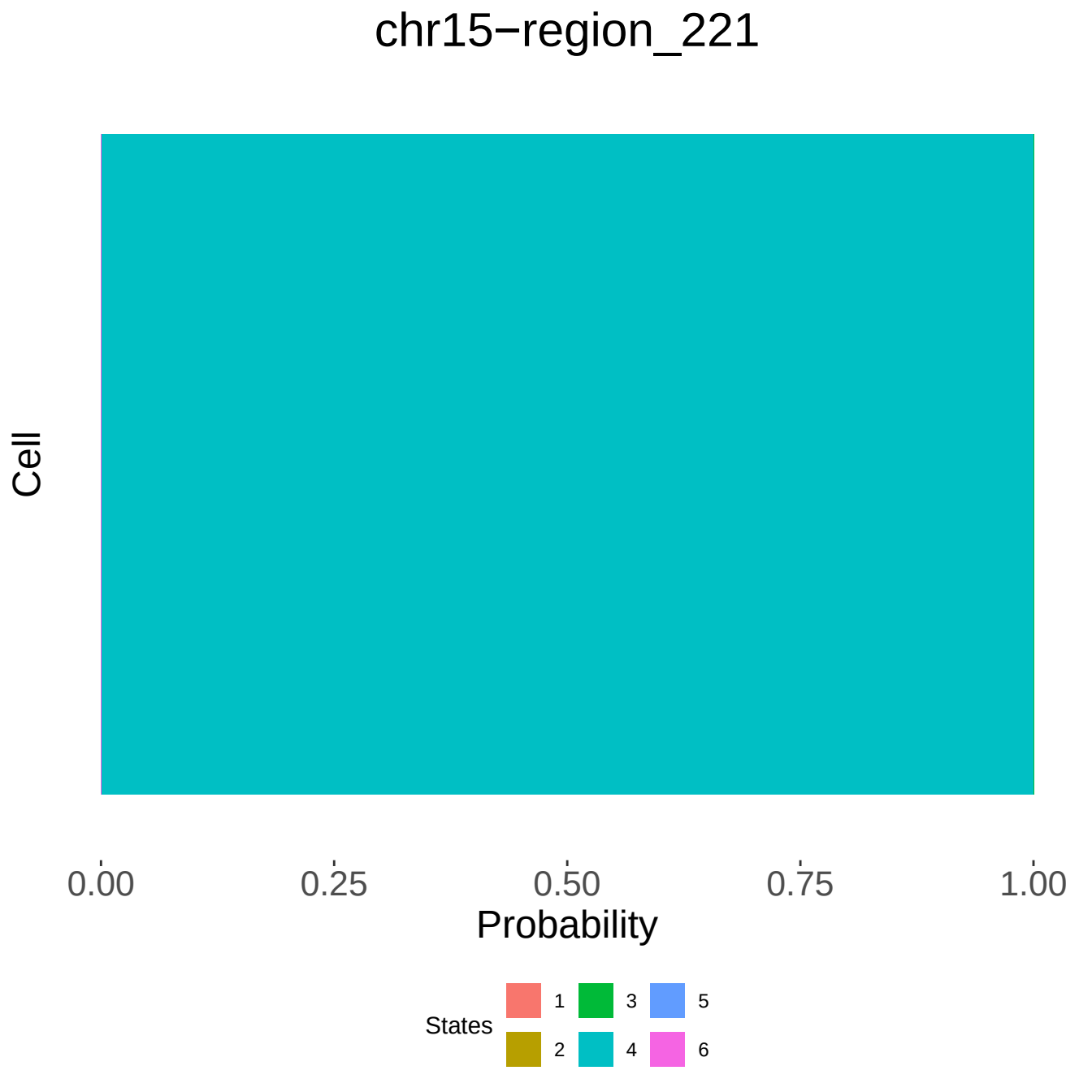
0.50
0.75
1.00
Probability
States
1
2
3
4
5
6


chr15−region_221
Cell
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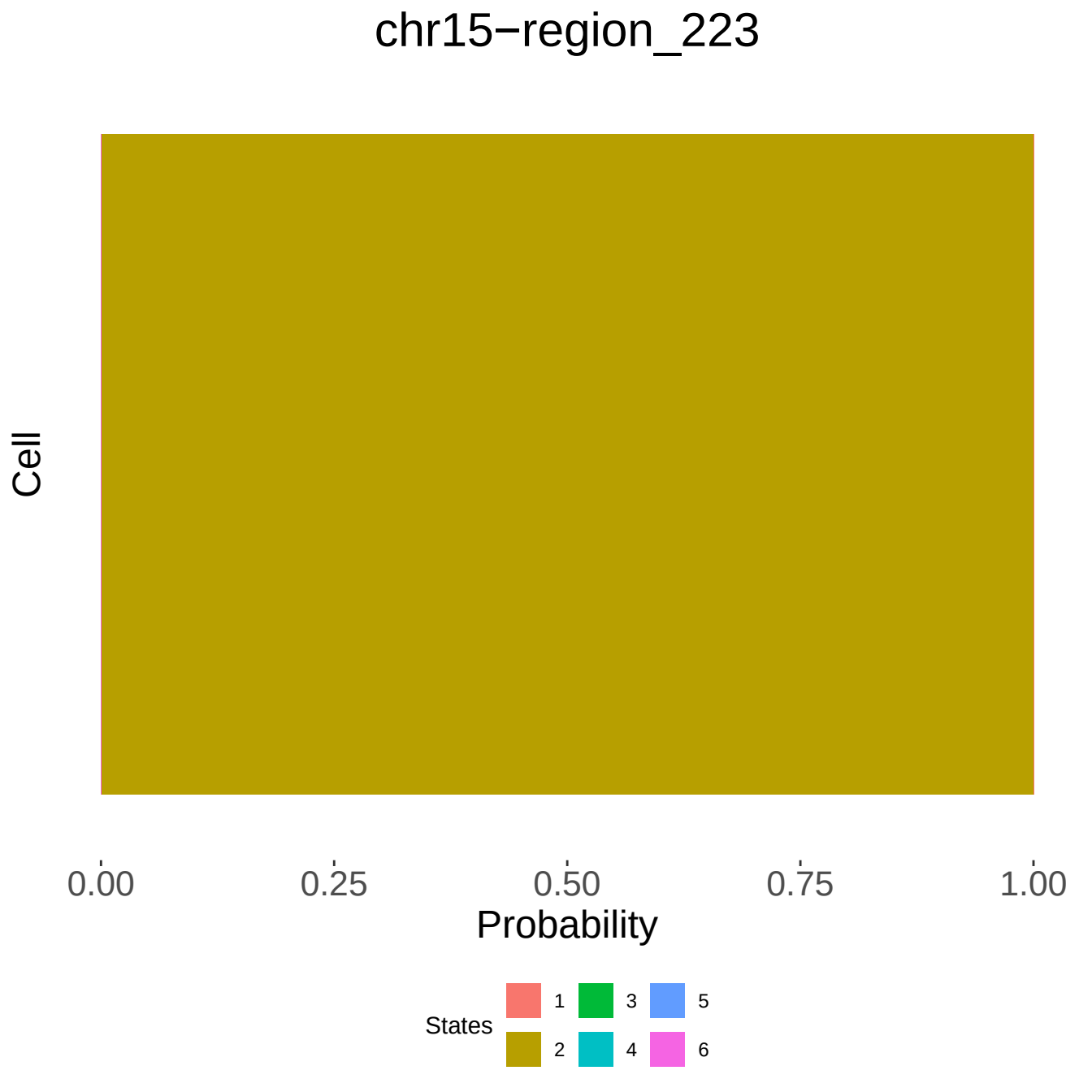
0.25
0.50
0.75
1.00
Probability
States
1
2
3
4
5
6


chr15−region_223
Cell
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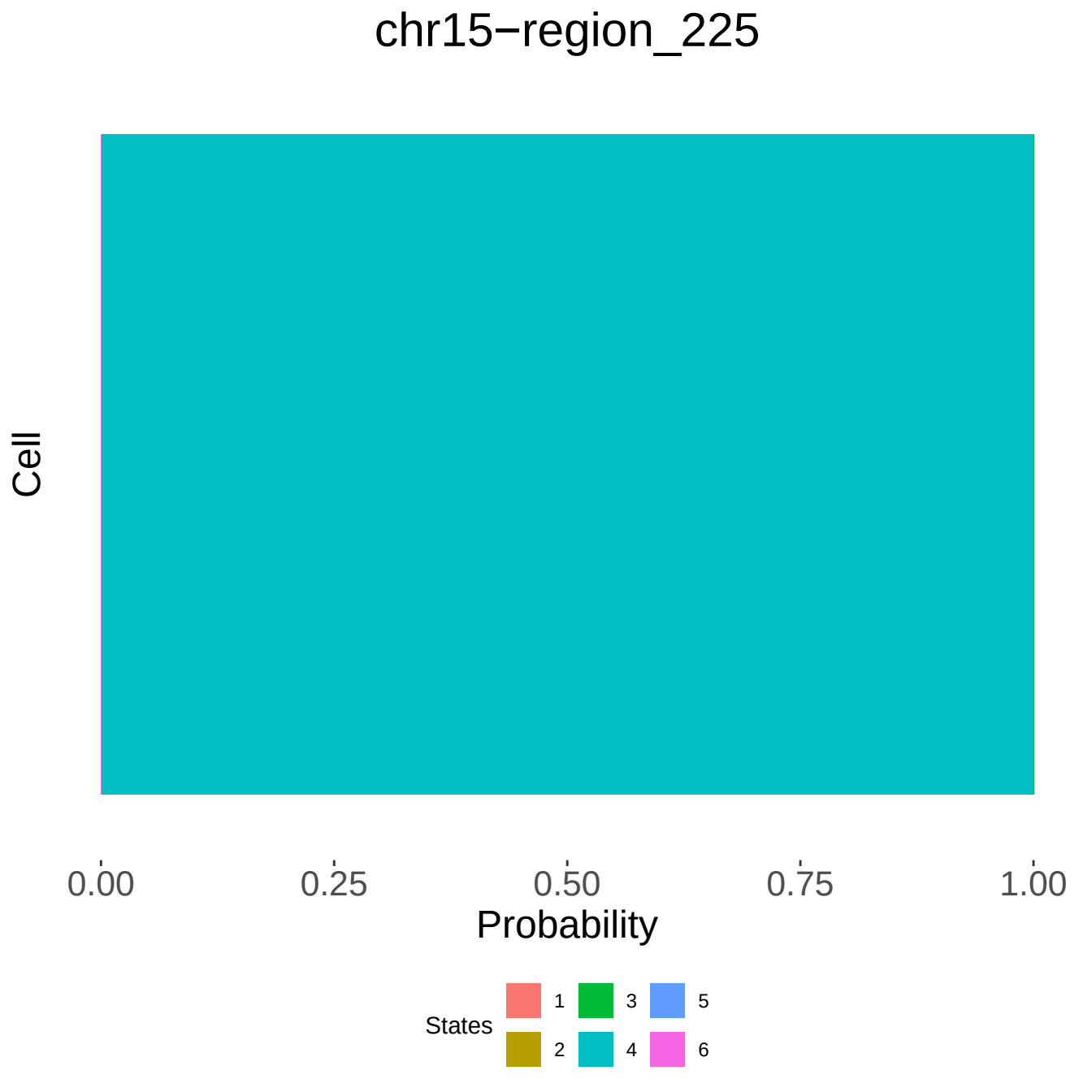
0.25
0.50
0.75
1.00
Probability
States
1
2
3
4
5
6


chr15−region_225
Cell
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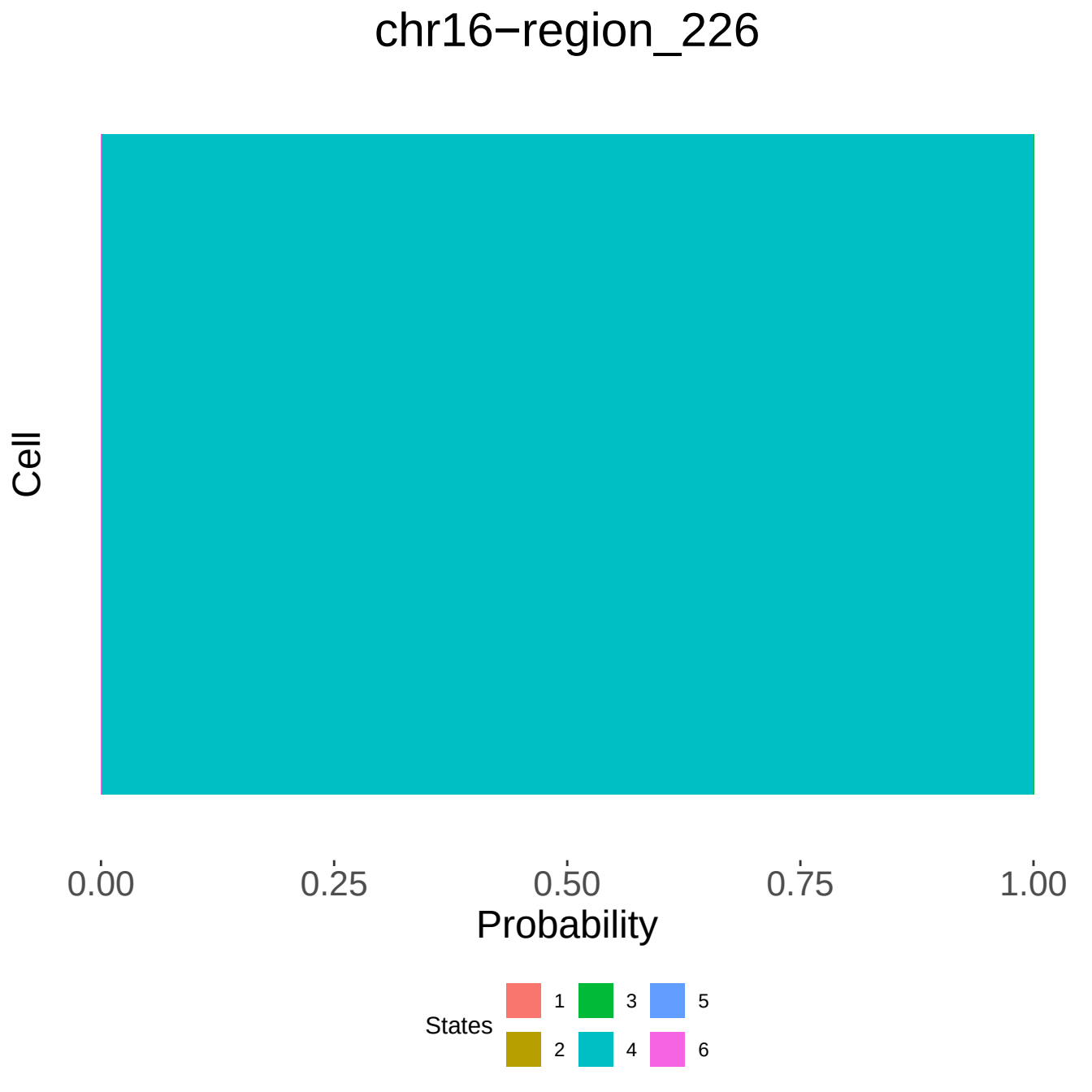
0.25
0.50
0.75
1.00
Probability
States
1
2
3
4
5
6


chr16−region_226
Cell
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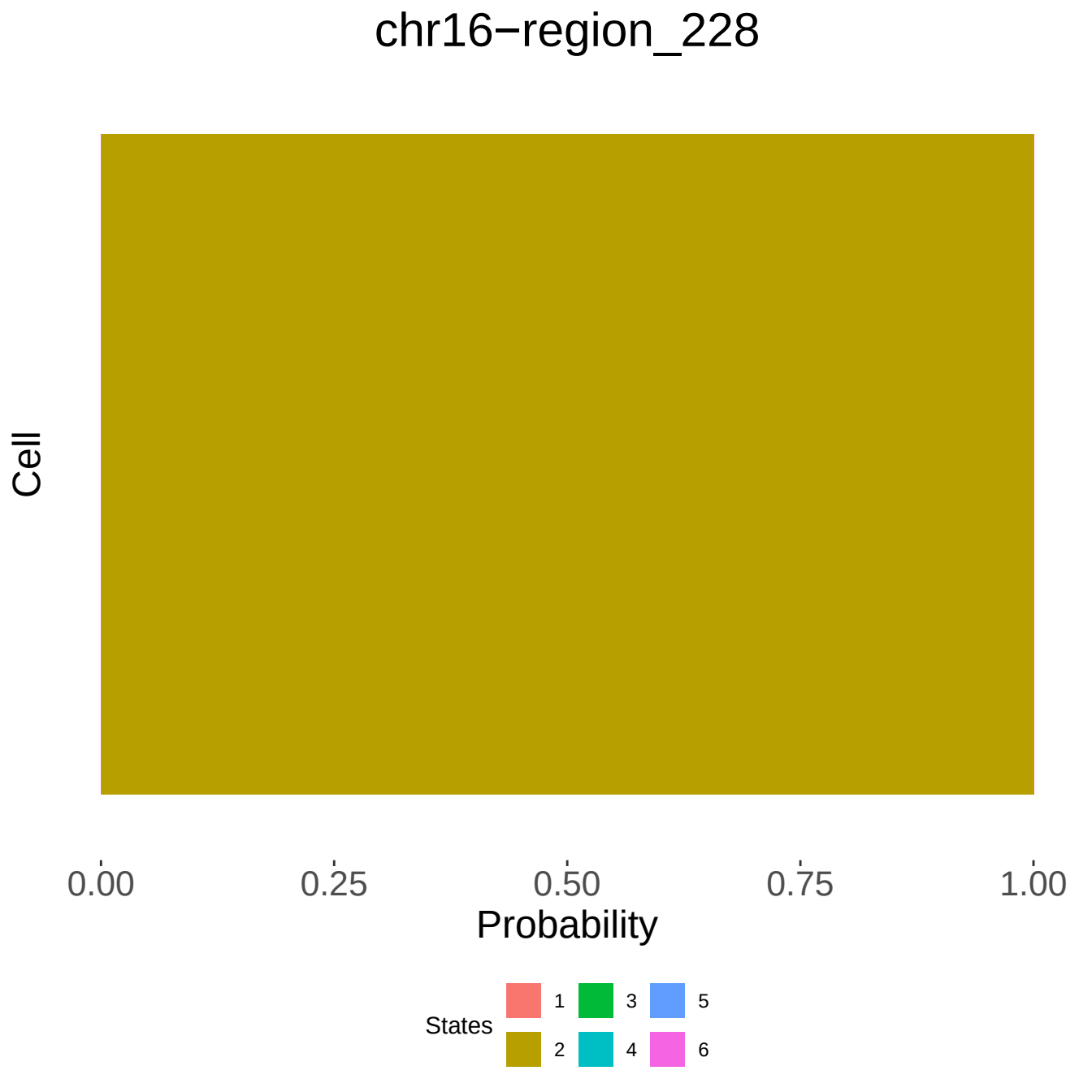
0.25
0.50
0.75
1.00
Probability
States
1
2
3
4
5
6


chr16−region_228
Cell
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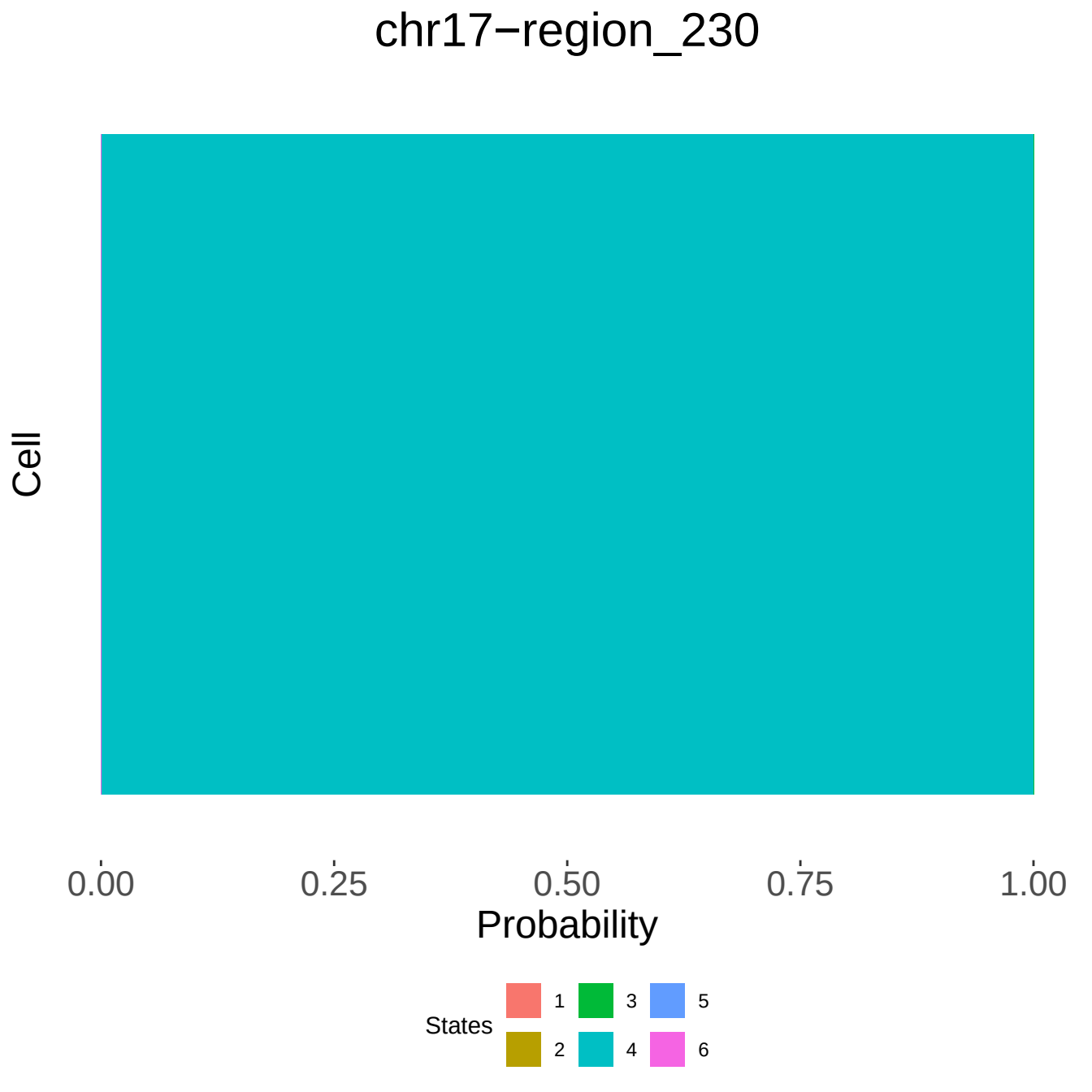
0.25
0.50
0.75
1.00
Probability
States
1
2
3
4
5
6


chr17−region_230
Cell
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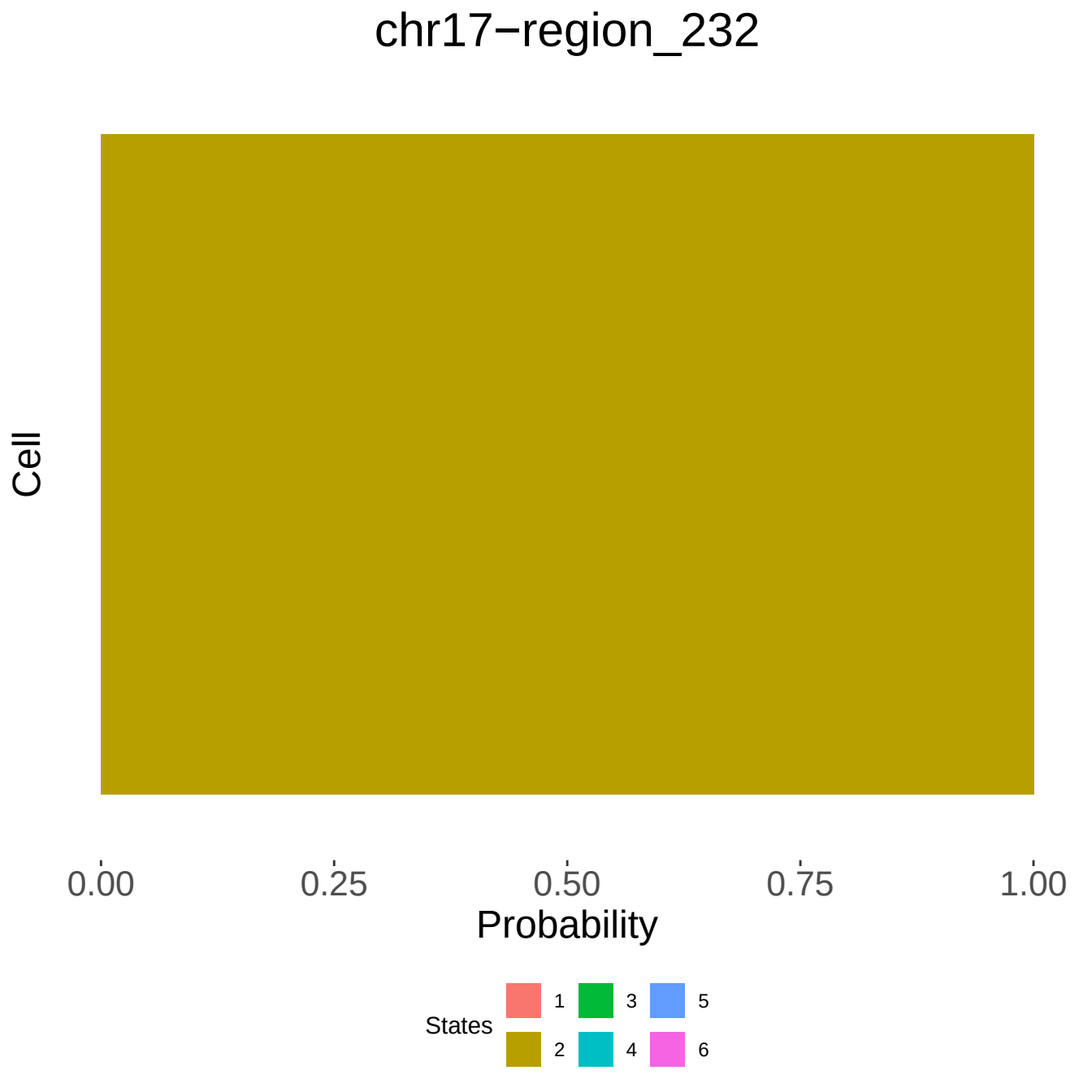
0.50
0.75
1.00
Probability
States
1
2
3
4
5
6


chr17−region_232
Cell
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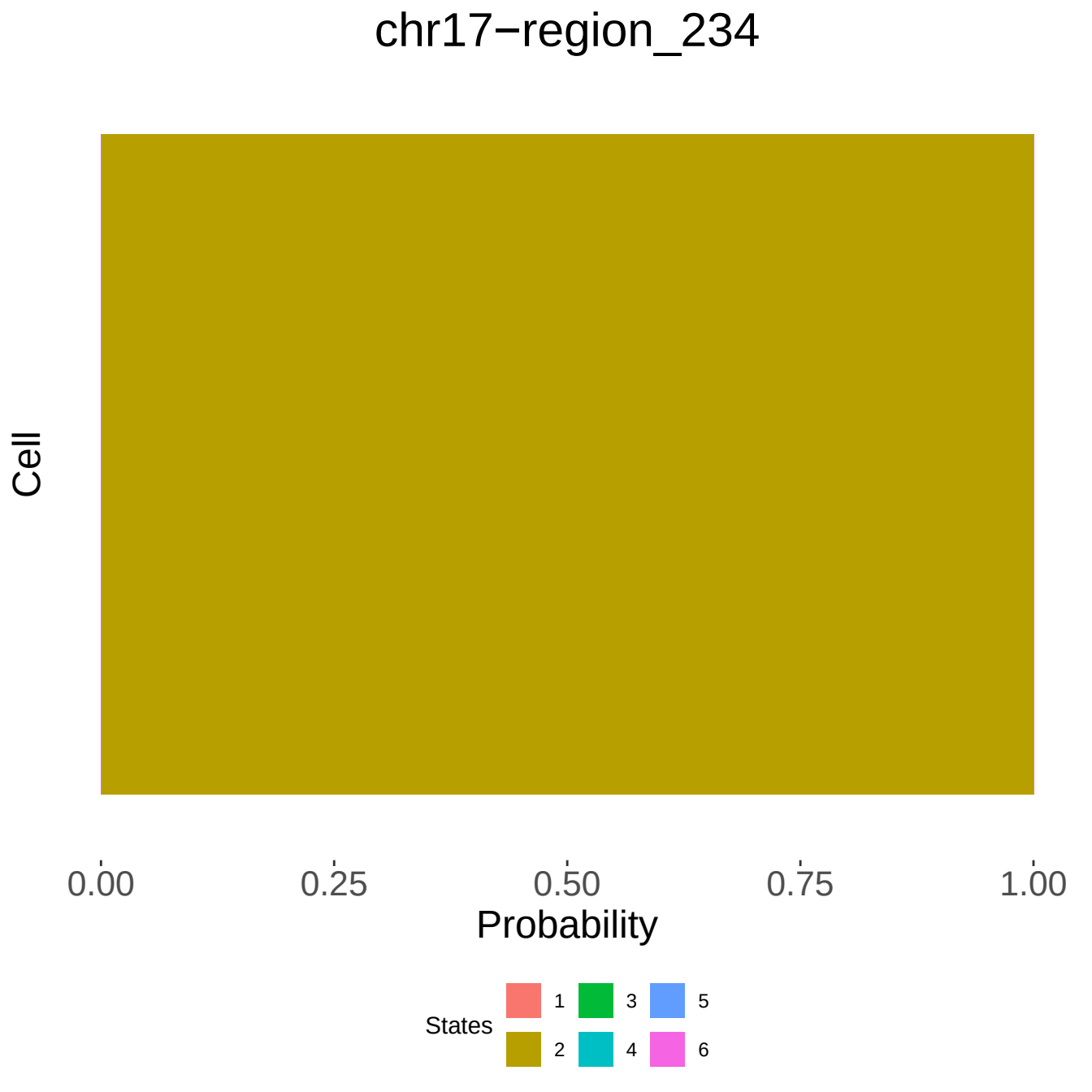
0.50
0.75
1.00
Probability
States
1
2
3
4
5
6


chr17−region_234
Cell
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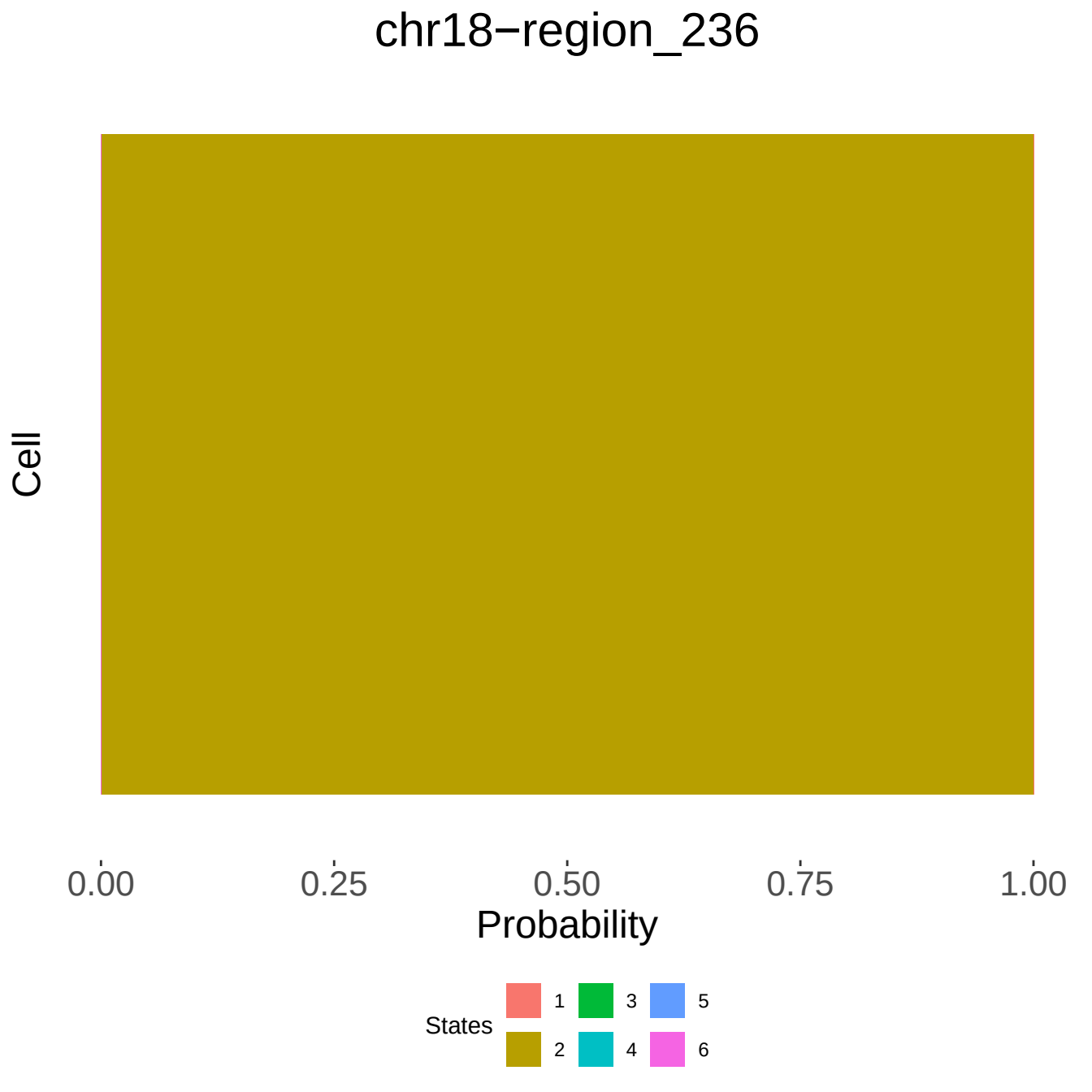
0.25
0.50
0.75
1.00
Probability
States
1
2
3
4
5
6


chr18−region_236
Cell
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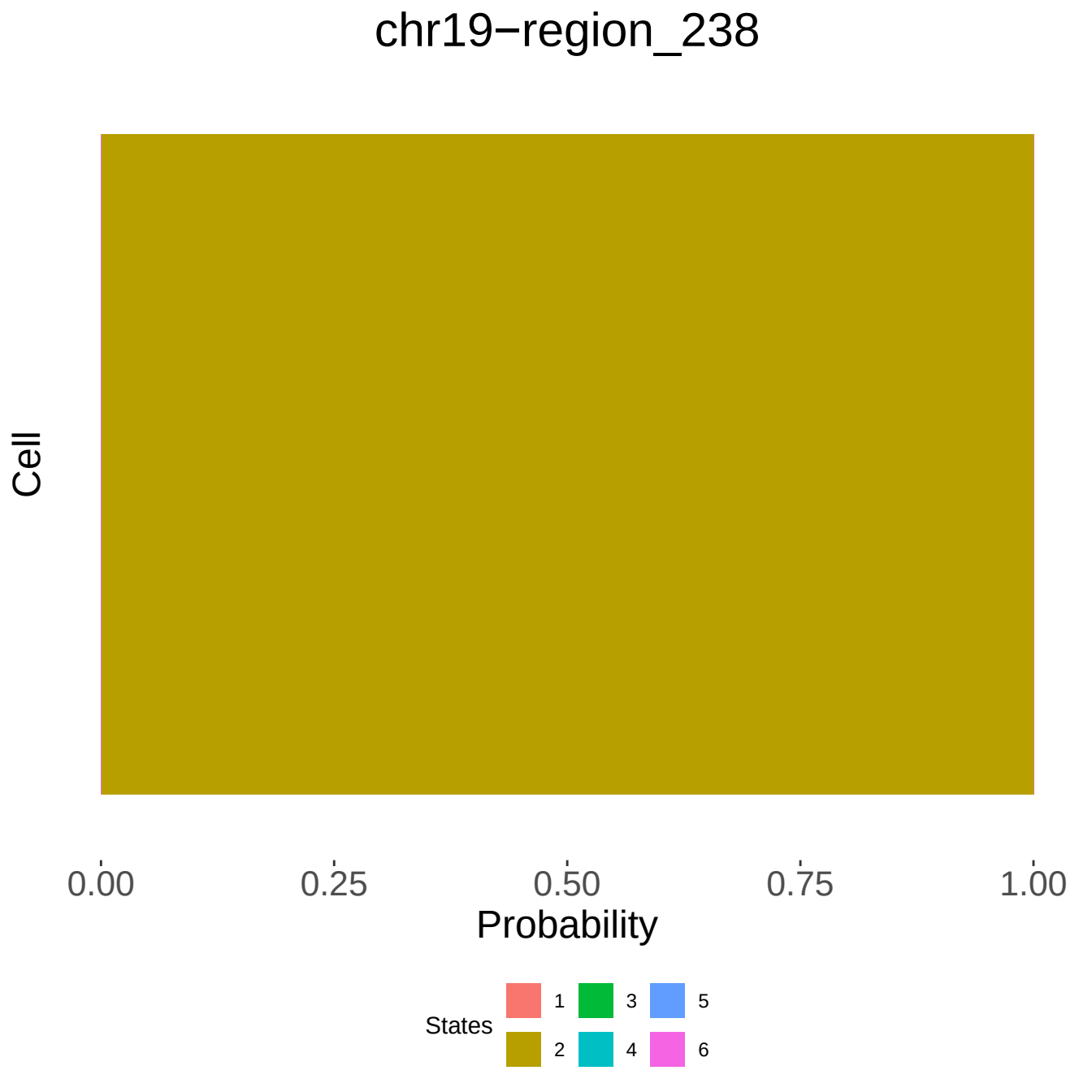
0.50
0.75
1.00
Probability
States
1
2
3
4
5
6


chr19−region_238
Cell
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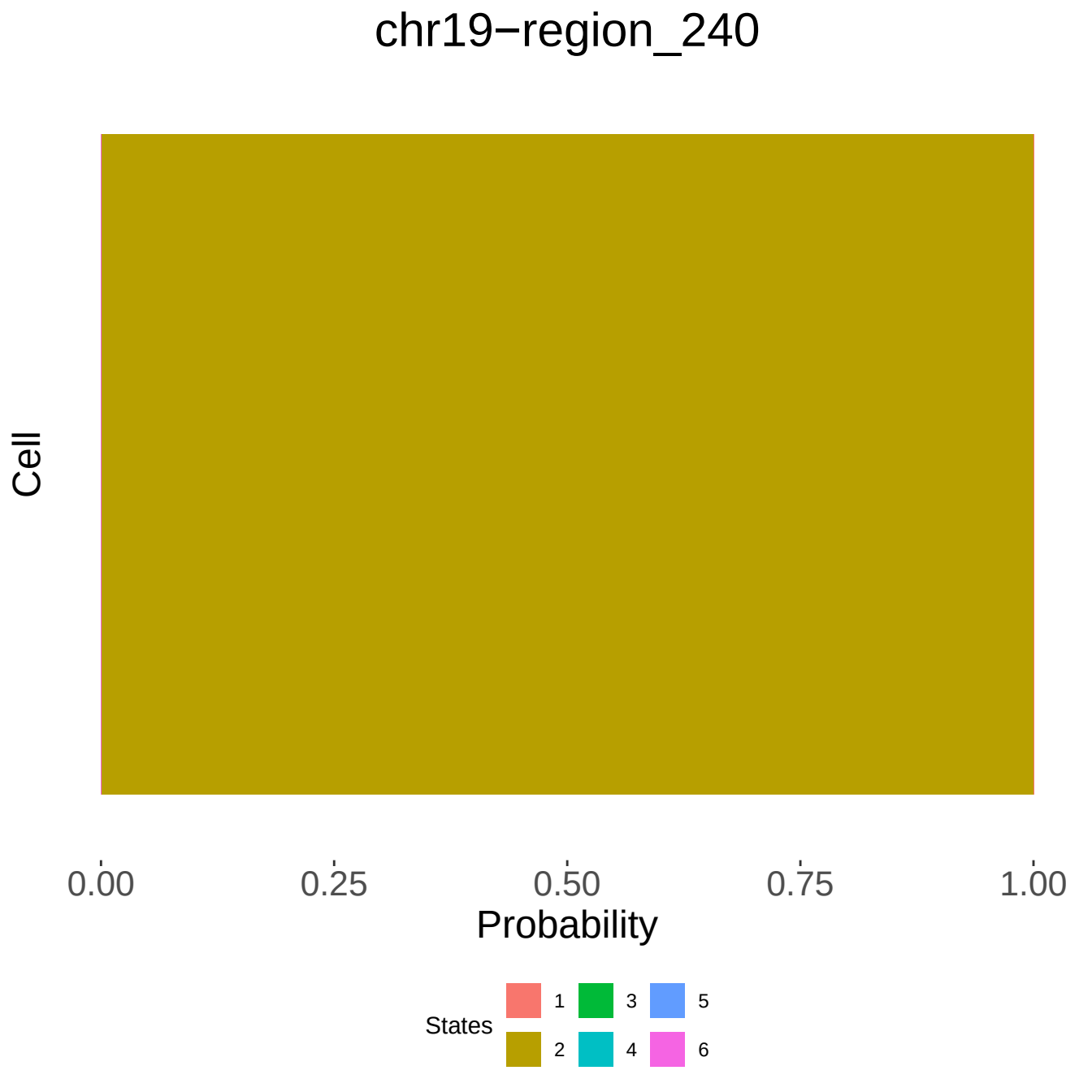
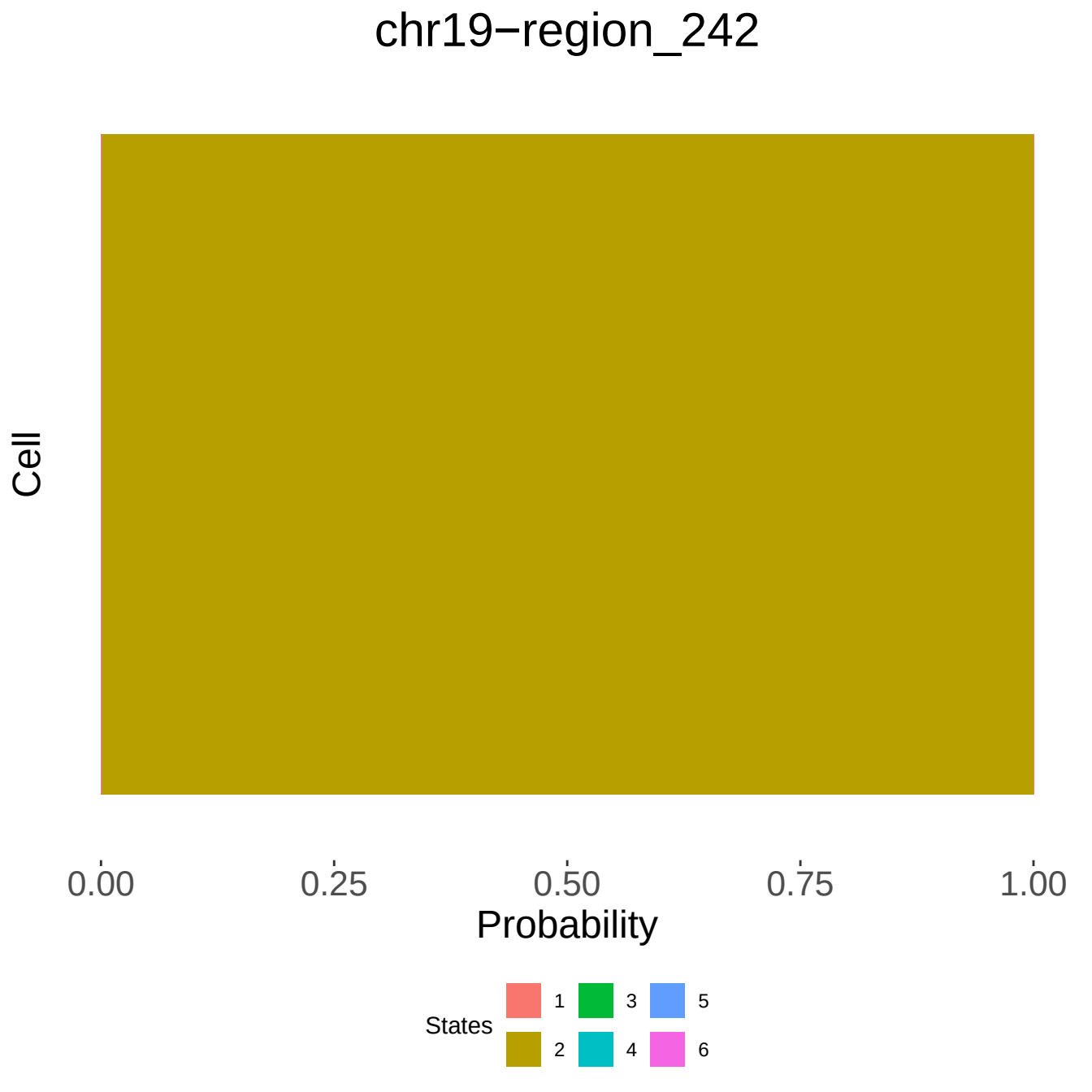
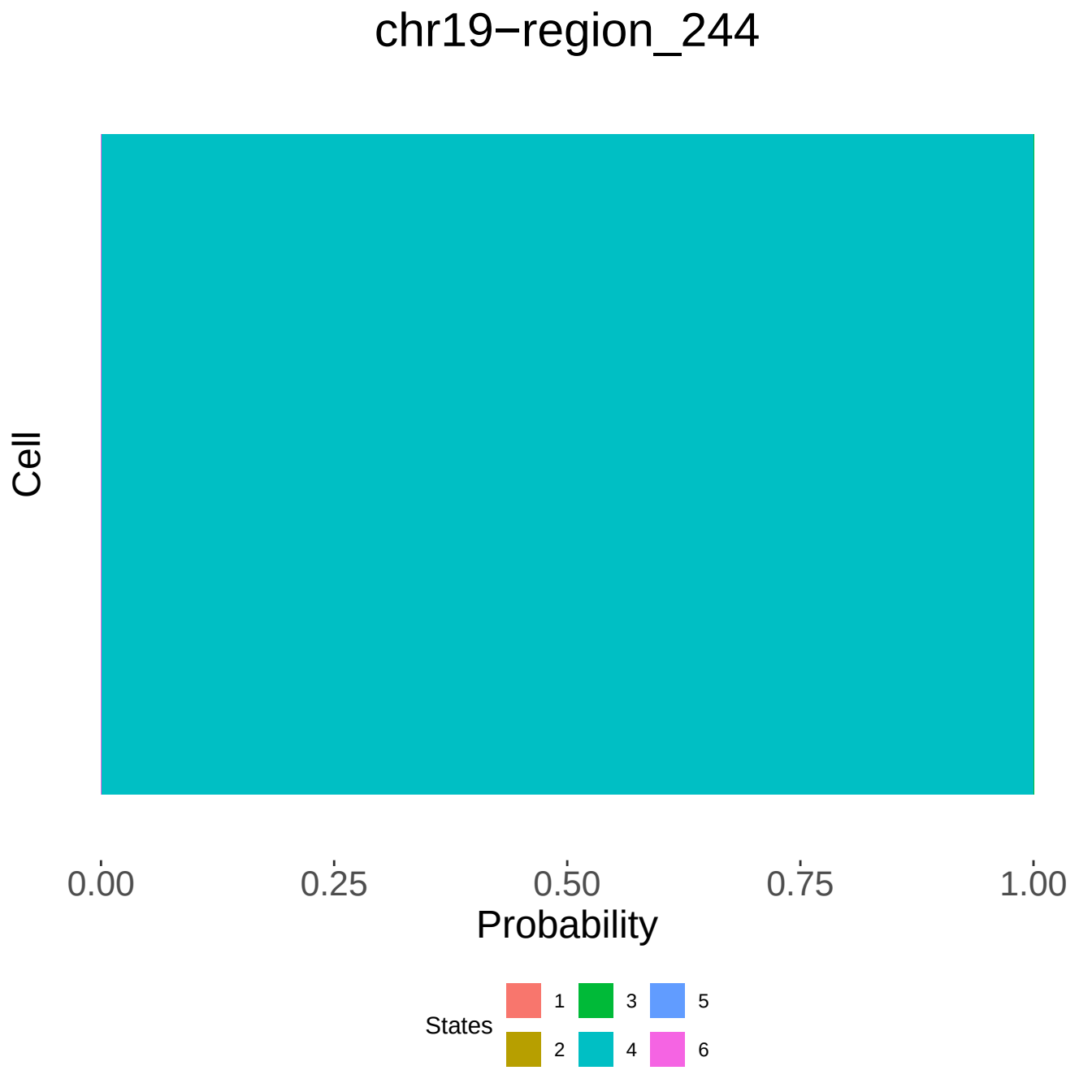
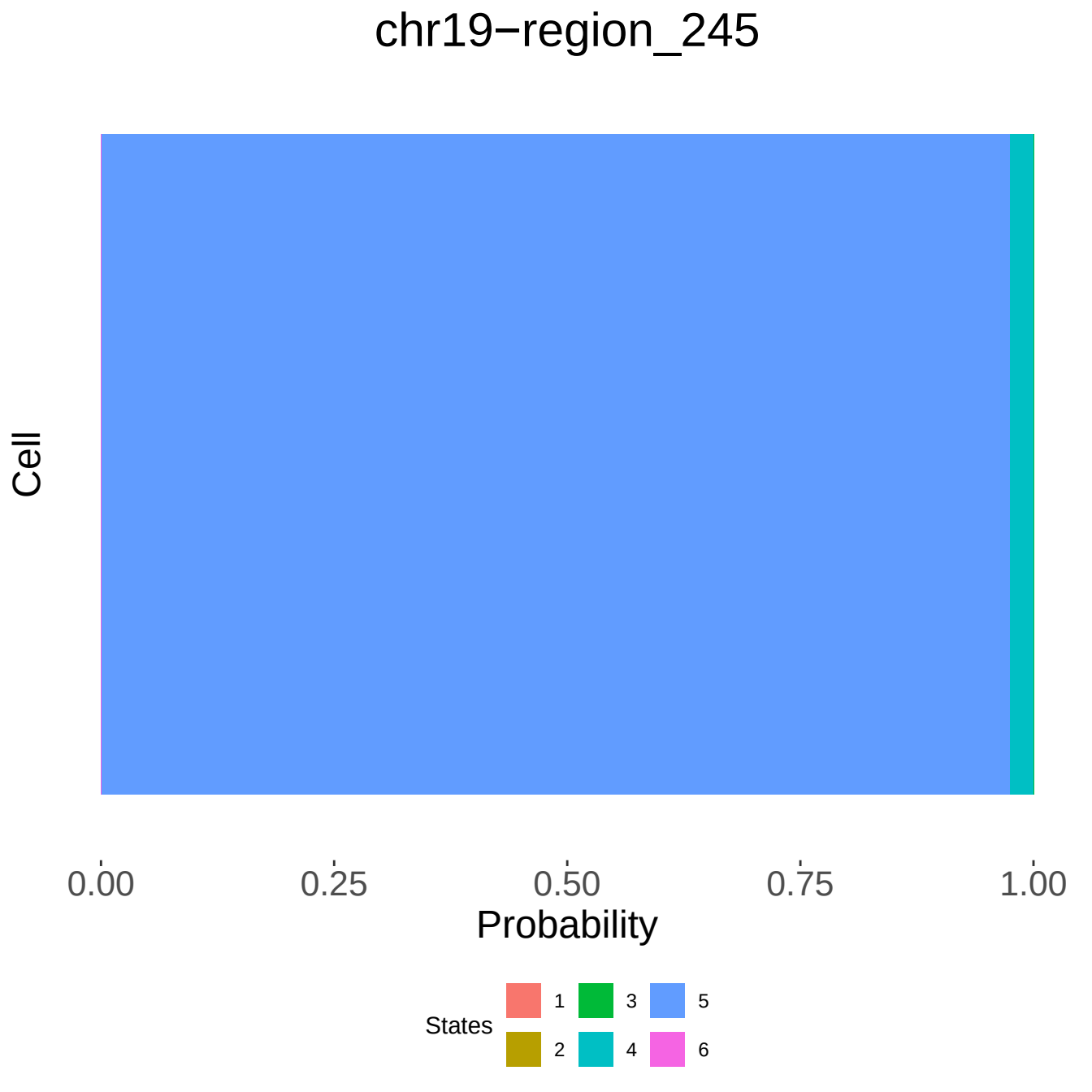
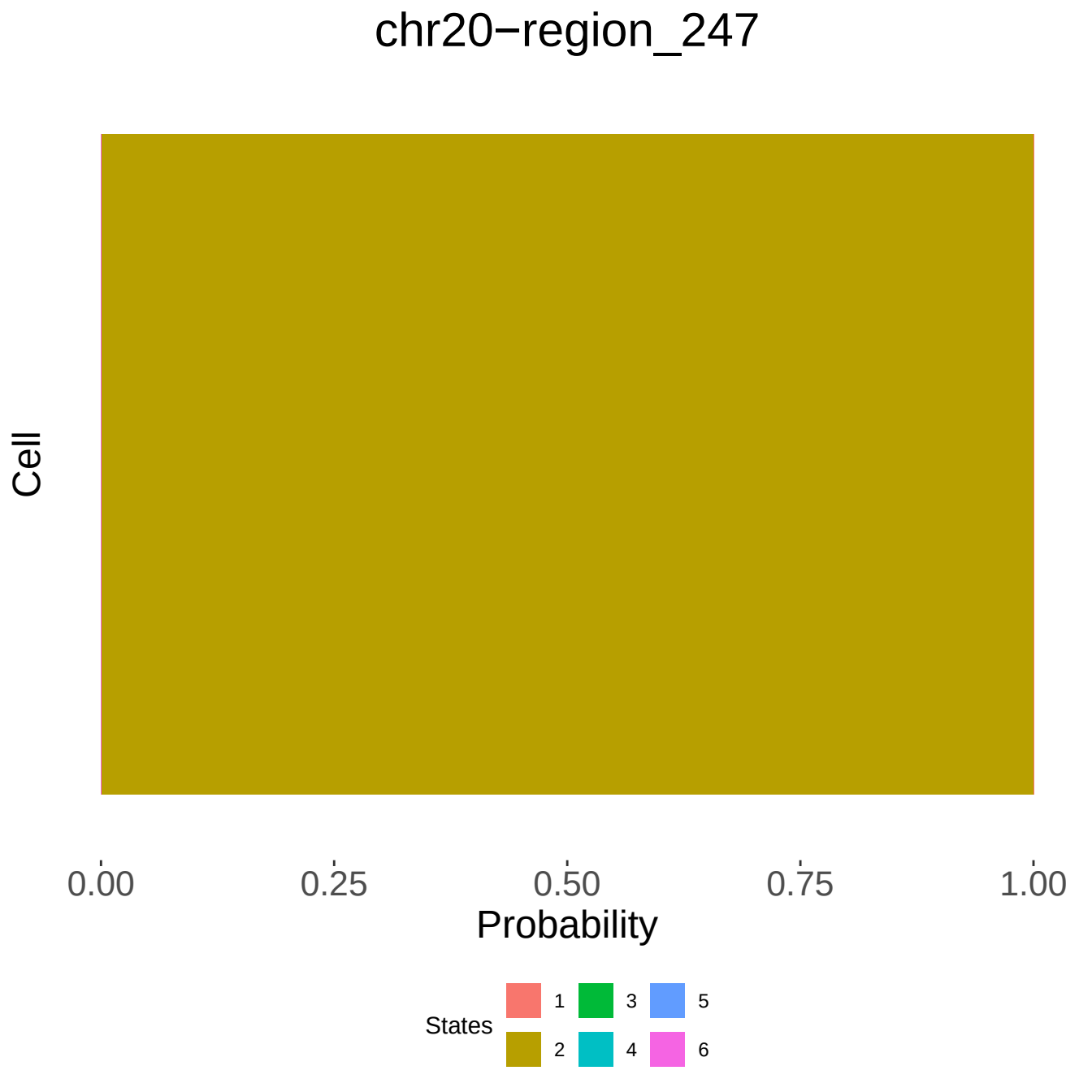
0.25
0.50
0.75
1.00
Probability
States
1
2
3
4
5
6

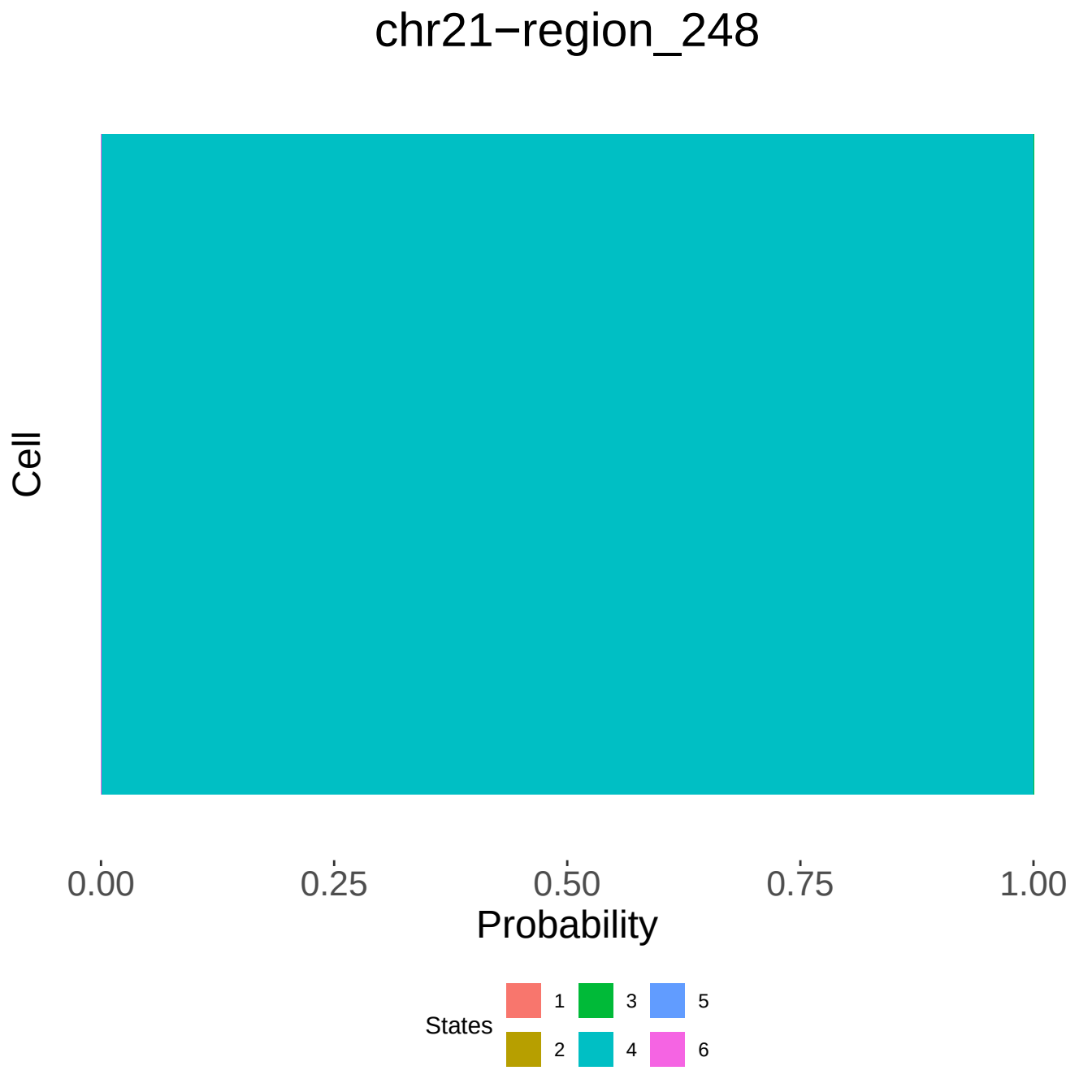

chr19−region_240
Cell
0.00
0.25
0.50
0.75
1.00
Probability
States
1
2
3
4
5
6

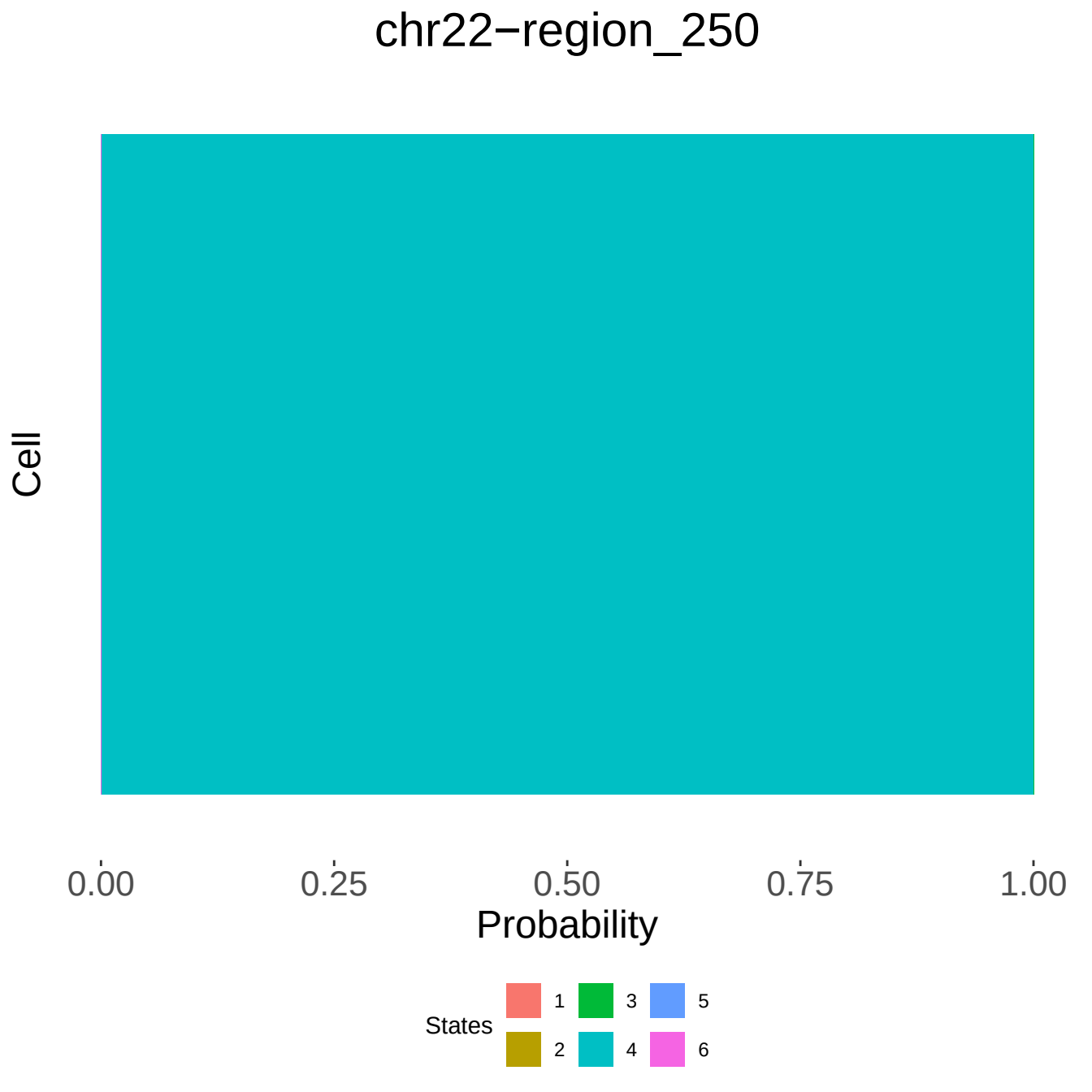

chr19−region_242
Cell
0.00
0.25
0.50
0.75
1.00
Probability
States
1
2
3
4
5
6

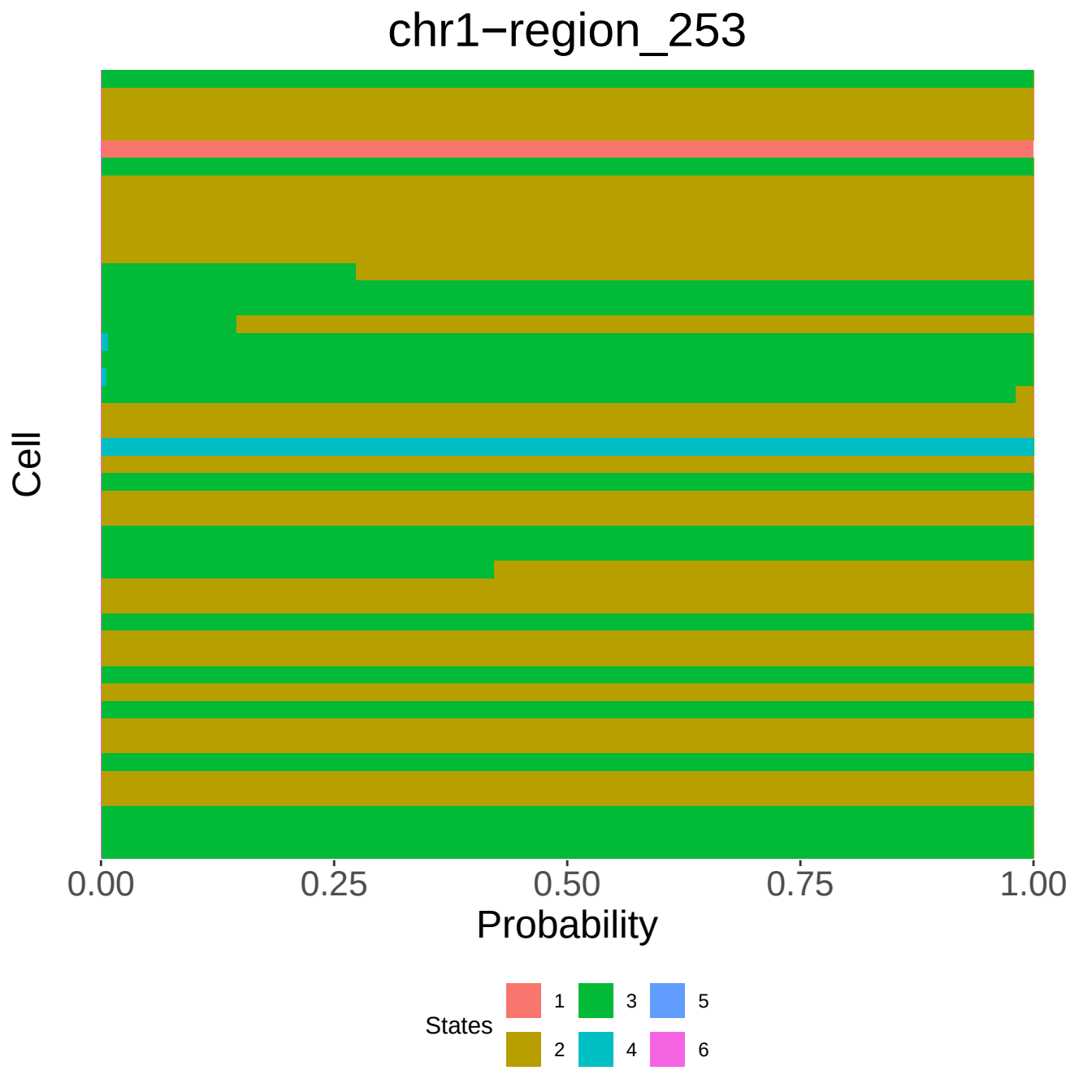

chr19−region_244
Cell
0.00
0.25
0.50
0.75
1.00
Probability
States
1
2
3
4
5
6

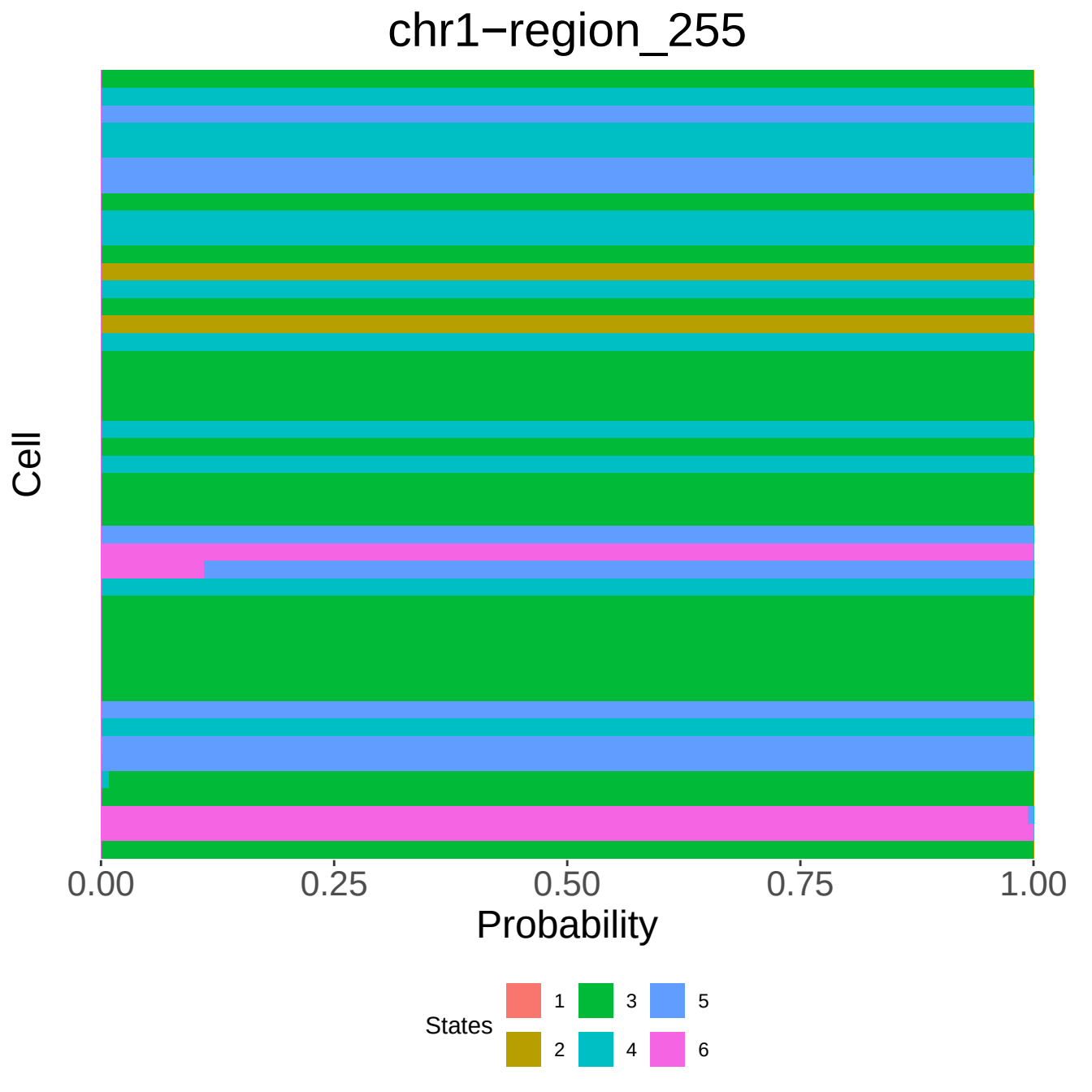

chr19−region_245
Cell
0.00
0.25
0.50
0.75
1.00
Probability
States
1
2
3
4
5
6


chr20−region_247
Cell
0.00
0.25
0.50
0.75
1.00
Probability
States
1
2
3
4
5
6


chr21−region_248
Cell
0.00
0.25
0.50
0.75
1.00
Probability
States
1
2
3
4
5
6


chr22−region_250
Cell
0.00
0.25
0.50
0.75
1.00
Probability
States
1
2
3
4
5
6


chr1−region_253
Cell
0.00
0.25
0.50
0.75
1.00
Probability
States
1
2
3
4
5
6


chr1−region_255
Cell
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0.75
1.00
Probability
States
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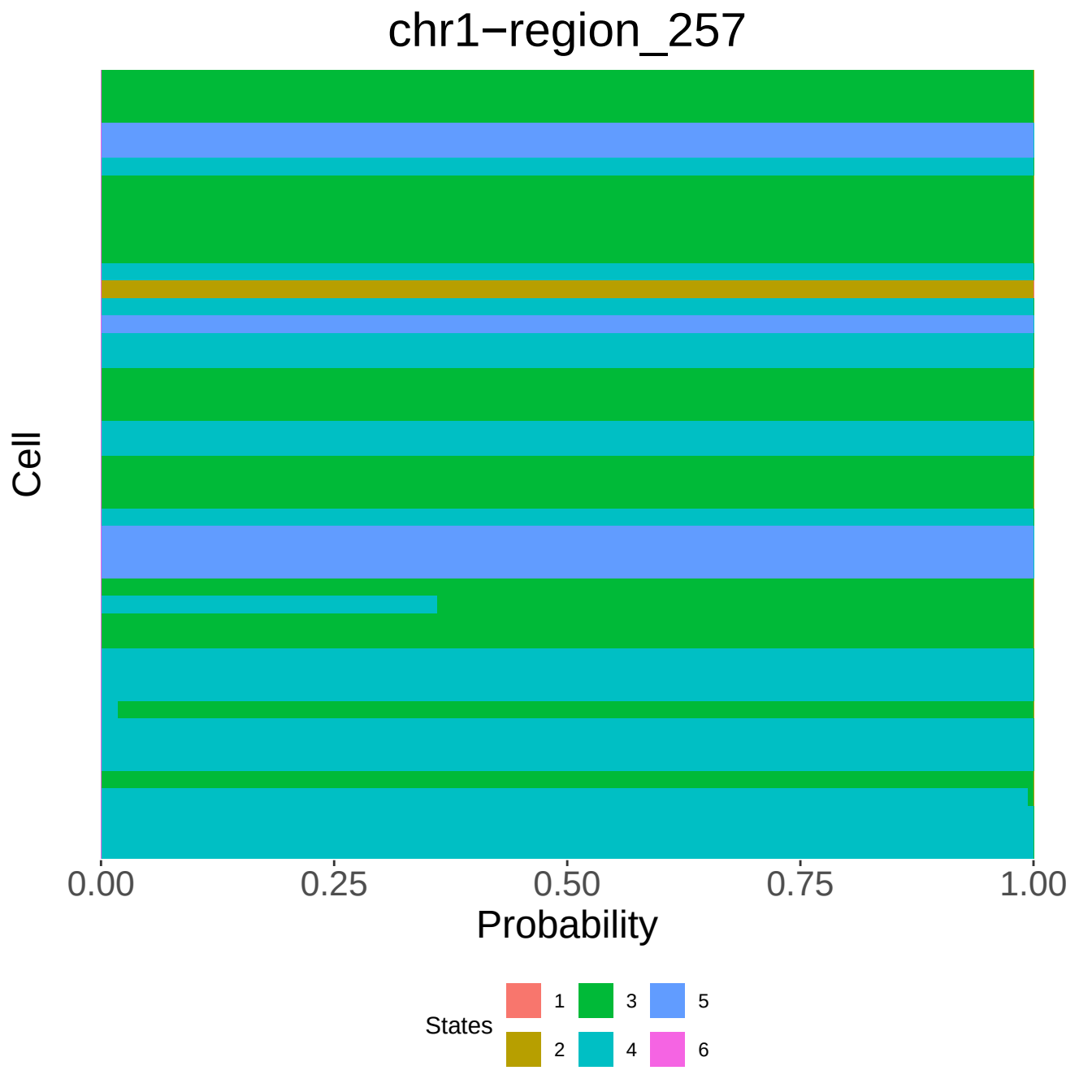
3
4
5
6


chr1−region_257
Cell
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0.25
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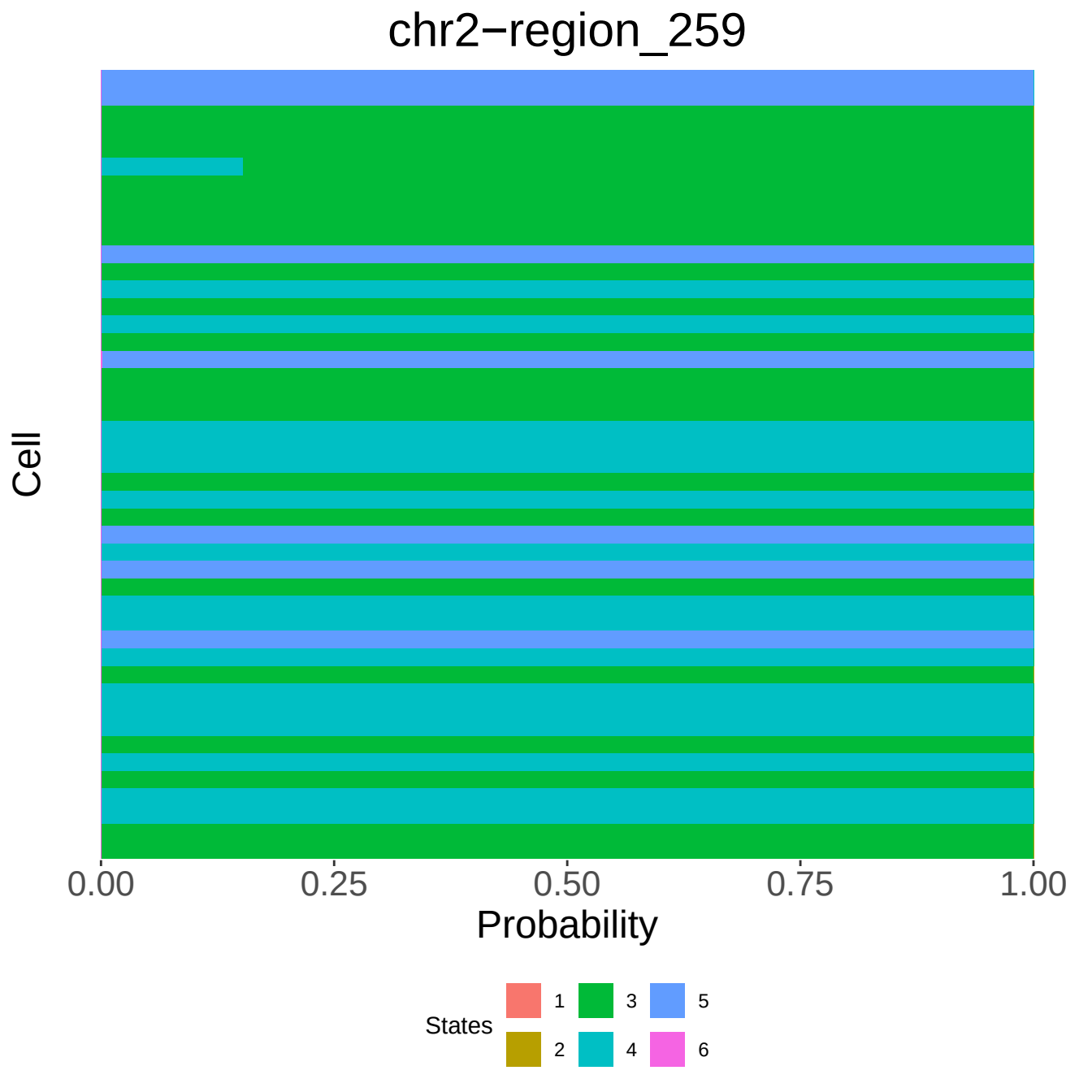
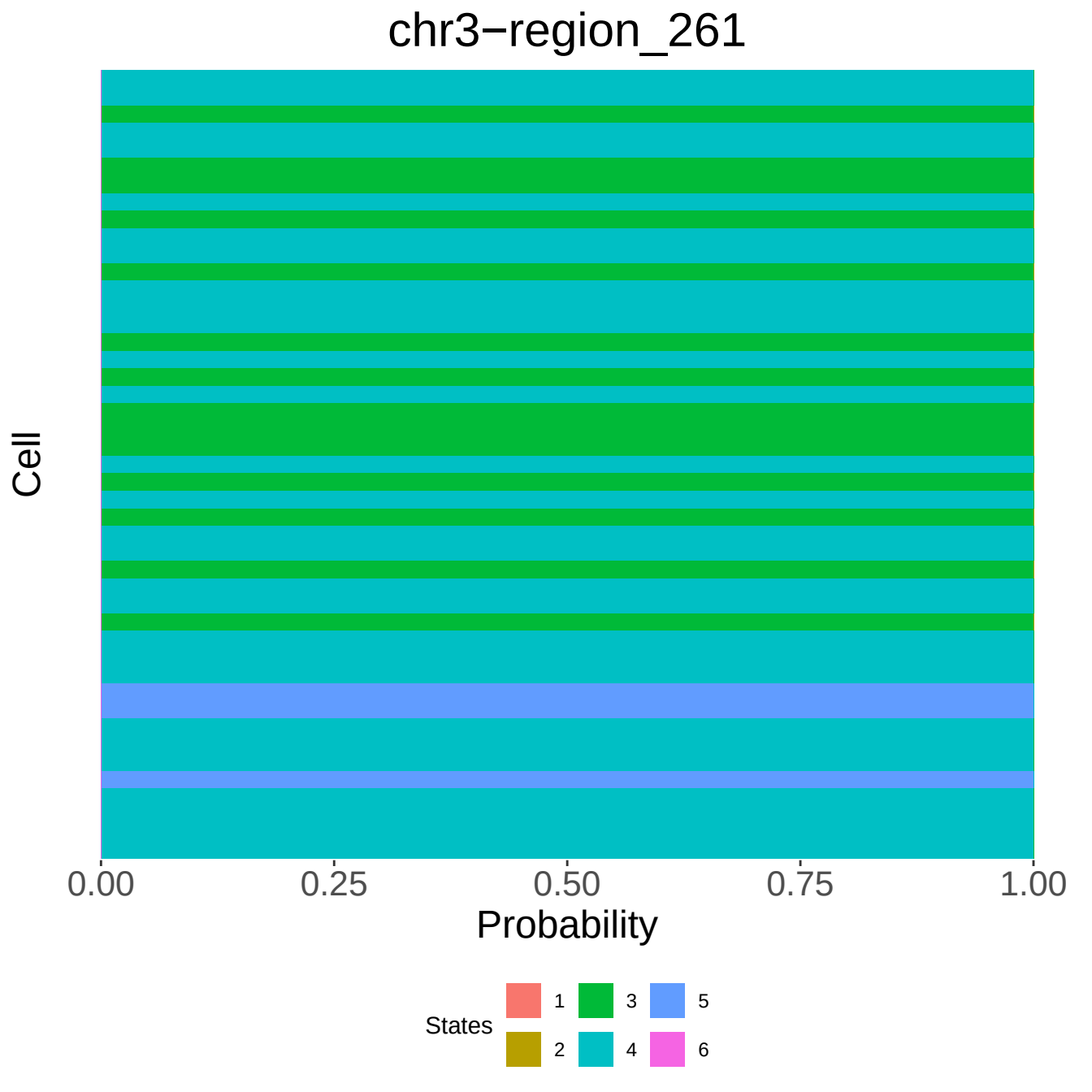
0.75
1.00
Probability
States
1
2
3
4
5
6


chr2−region_259
Cell
0.00
0.25
0.50
0.75
1.00
Probability
States
1
2
3
4
5
6


chr3−region_261
Cell
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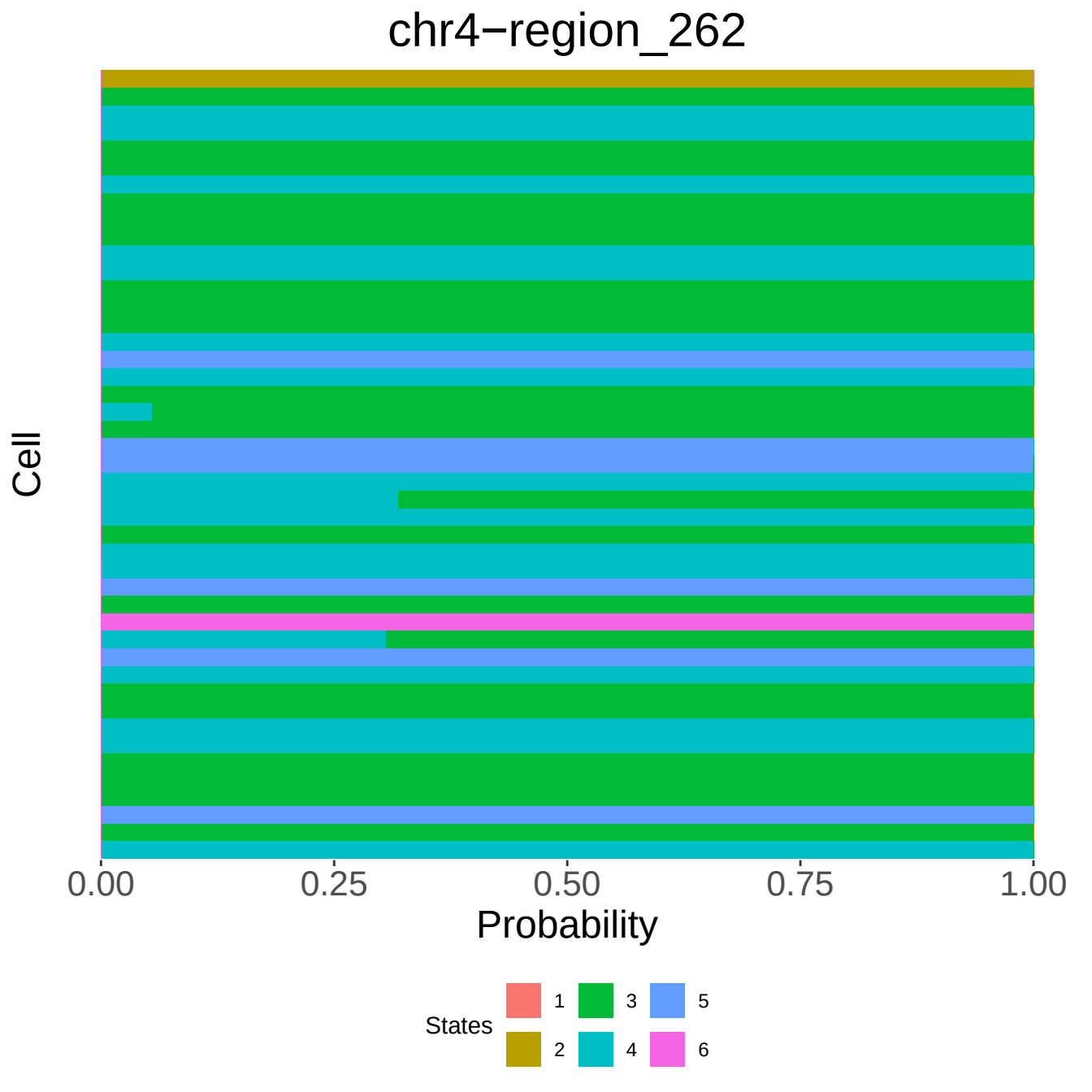
0.75
1.00
Probability
States
1
2
3
4
5
6


chr4−region_262
Cell
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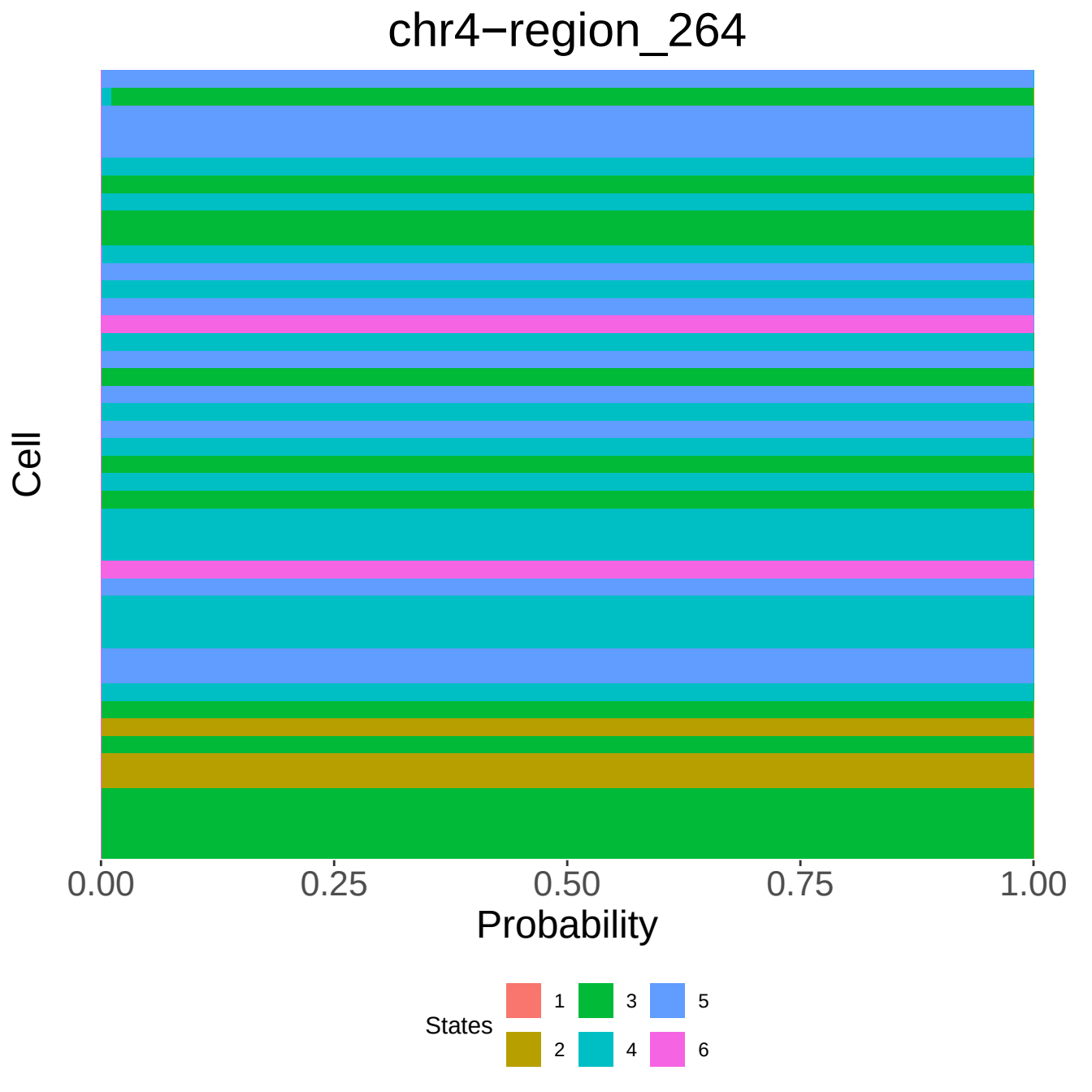
0.25
0.50
0.75
1.00
Probability
States
1
2
3
4
5
6


chr4−region_264
Cell
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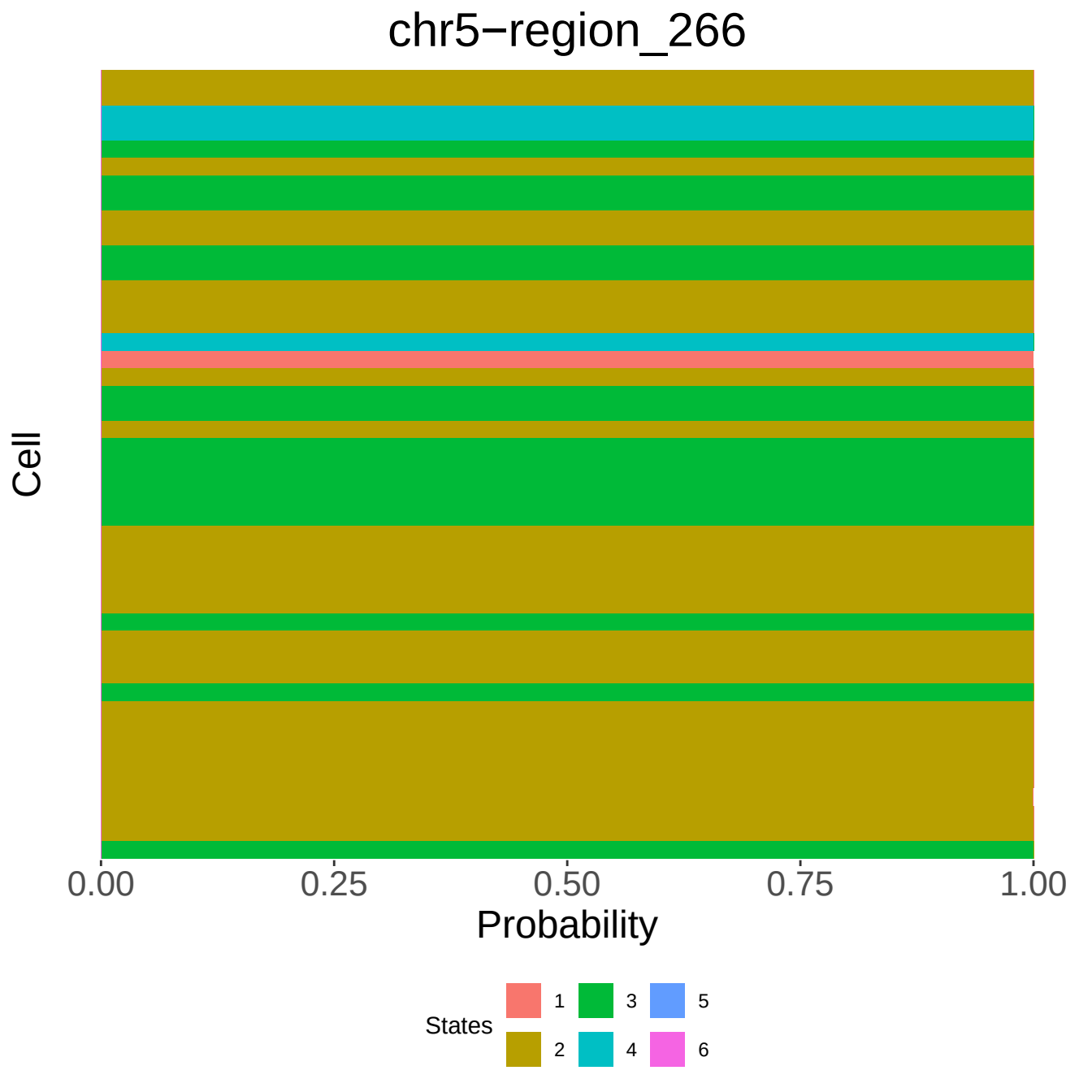
0.75
1.00
Probability
States
1
2
3
4
5
6


chr5−region_266
Cell
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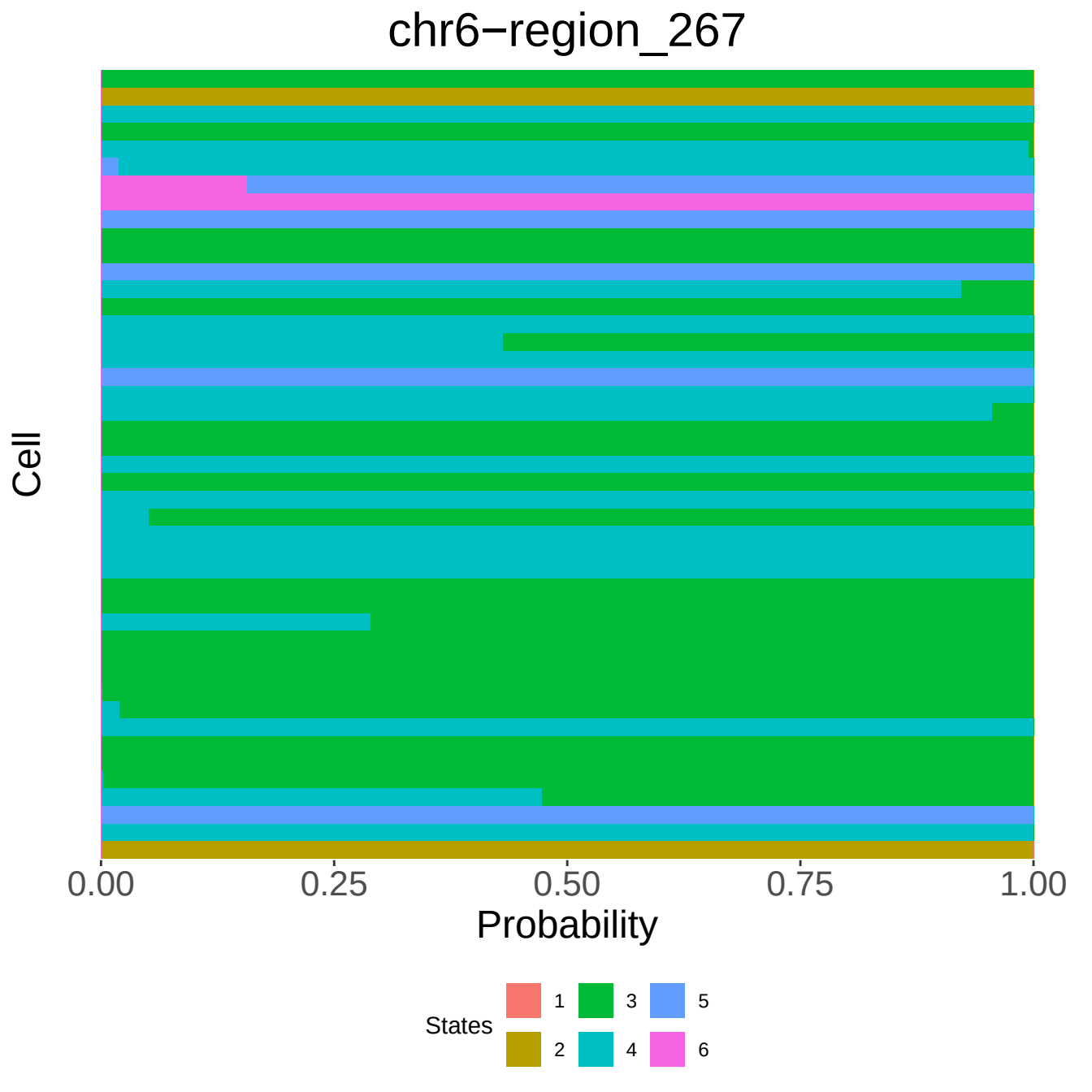
0.50
0.75
1.00
Probability
States
1
2
3
4
5
6


chr6−region_267
Cell
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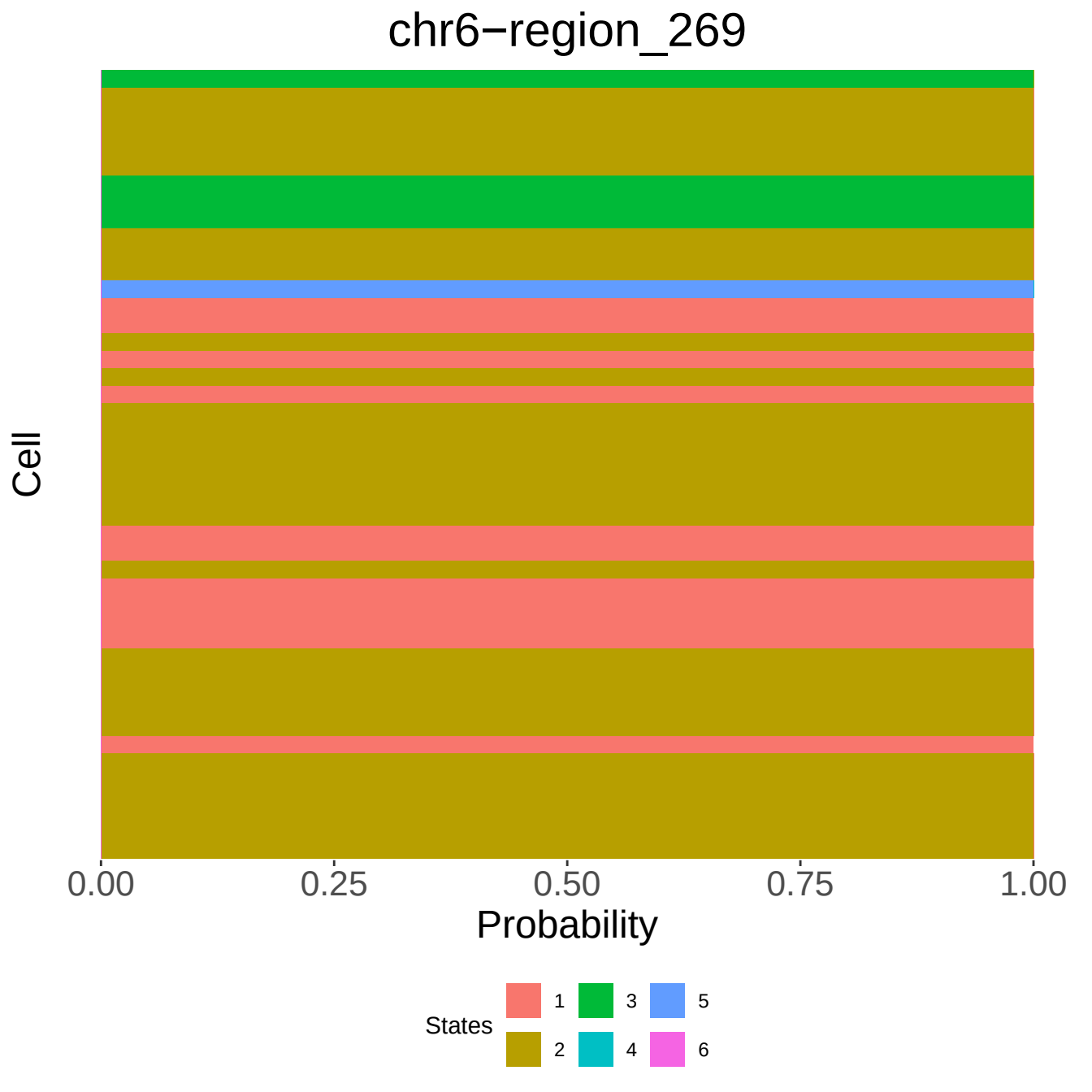
0.25
0.50
0.75
1.00
Probability
States
1
3
5
2
4
6


chr6−region_269
Cell
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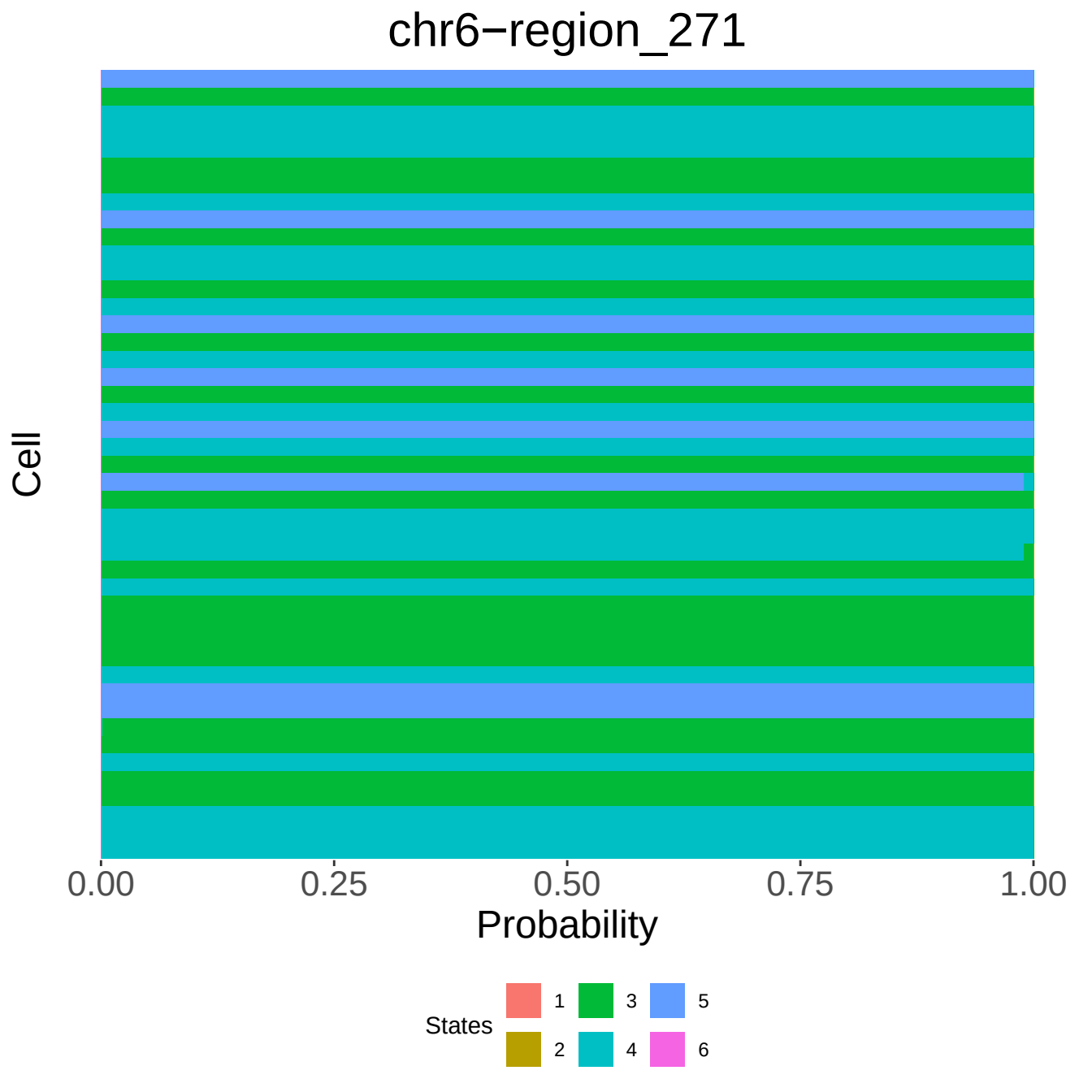
0.50
0.75
1.00
Probability
States
1
2
3
4
5
6


chr6−region_271
Cell
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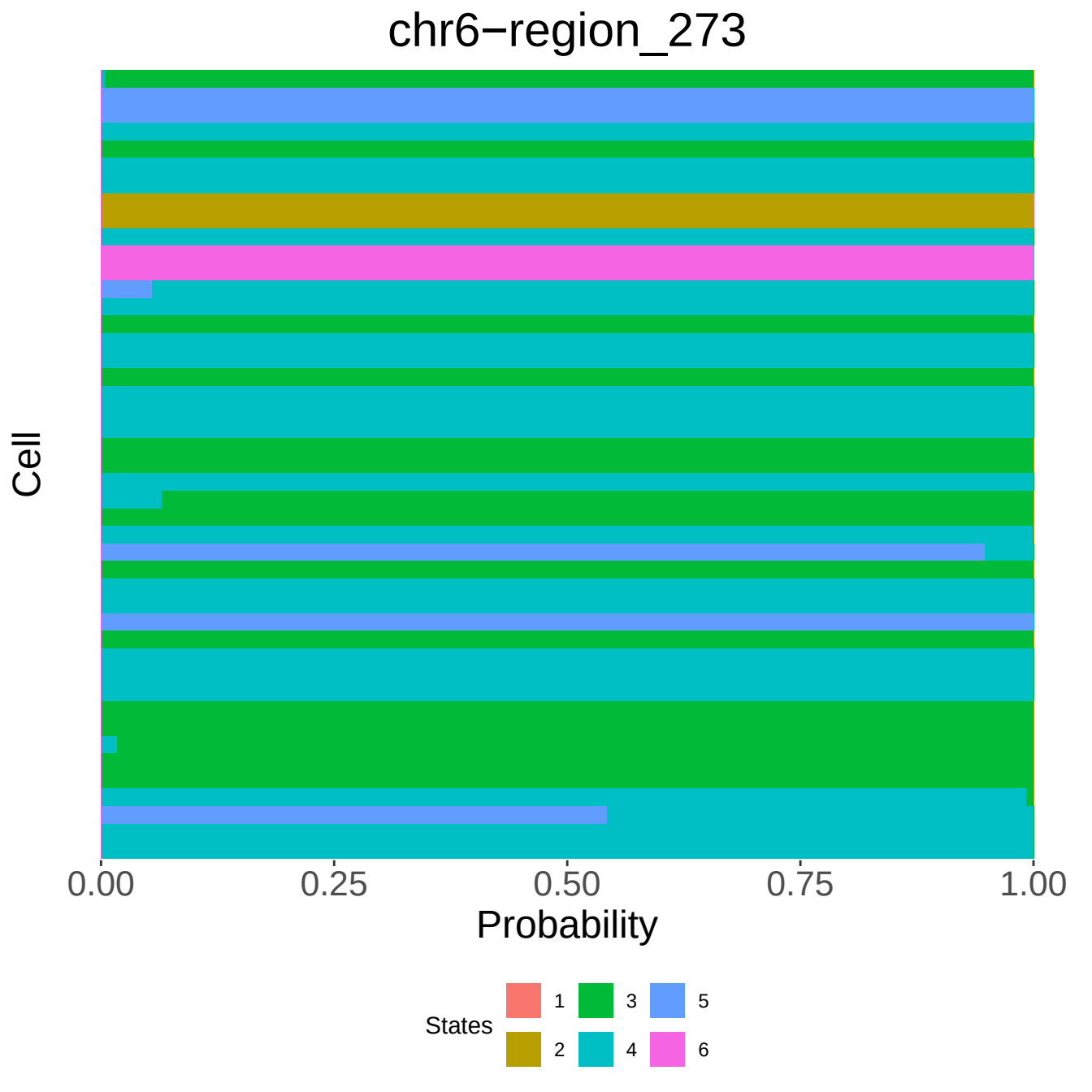
0.75
1.00
Probability
States
1
2
3
4
5
6


chr6−region_273
Cell
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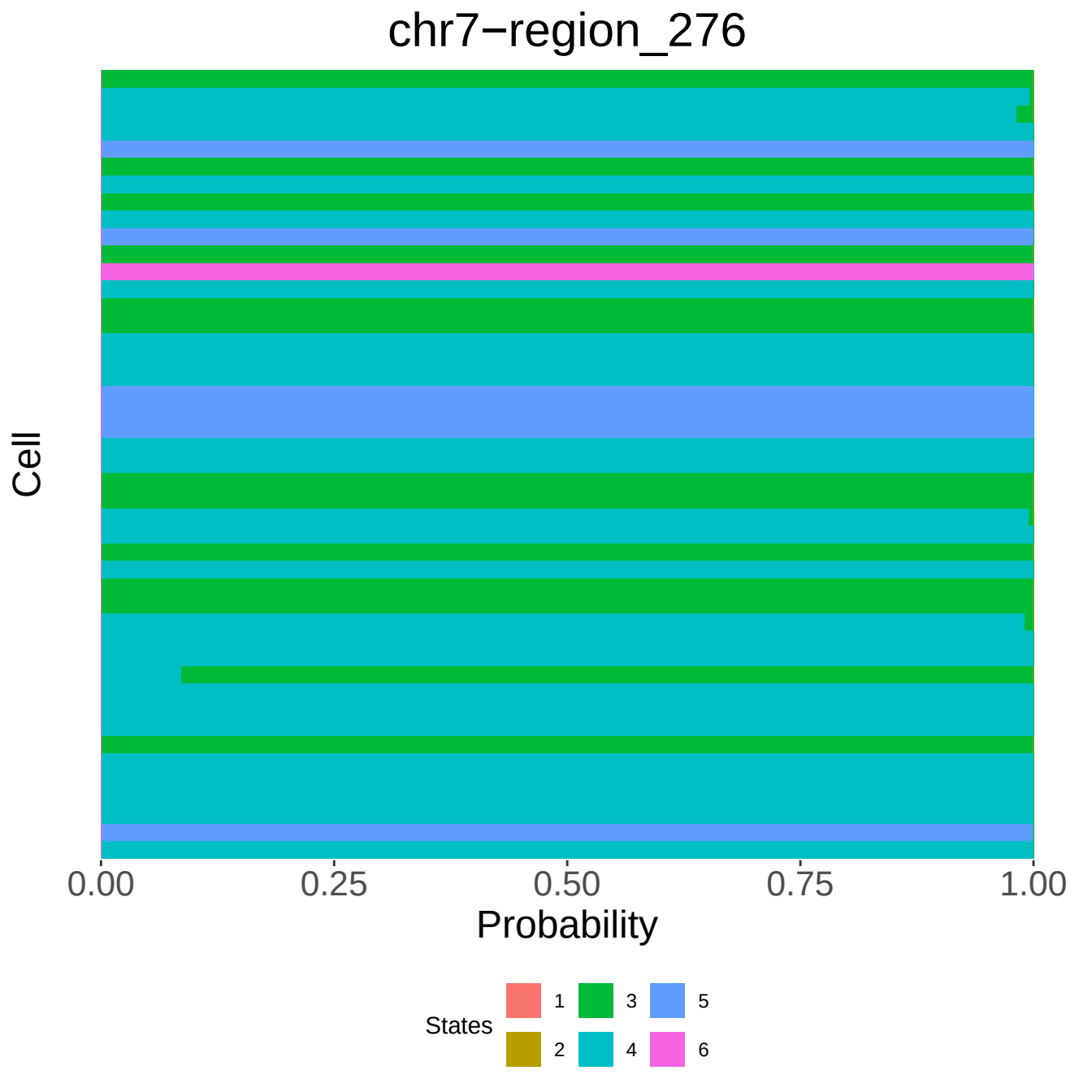
0.50
0.75
1.00
Probability
States
1
2
3
4
5
6


chr7−region_276
Cell
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0.25
0.50
0.75
1.00
Probability
States
1
2
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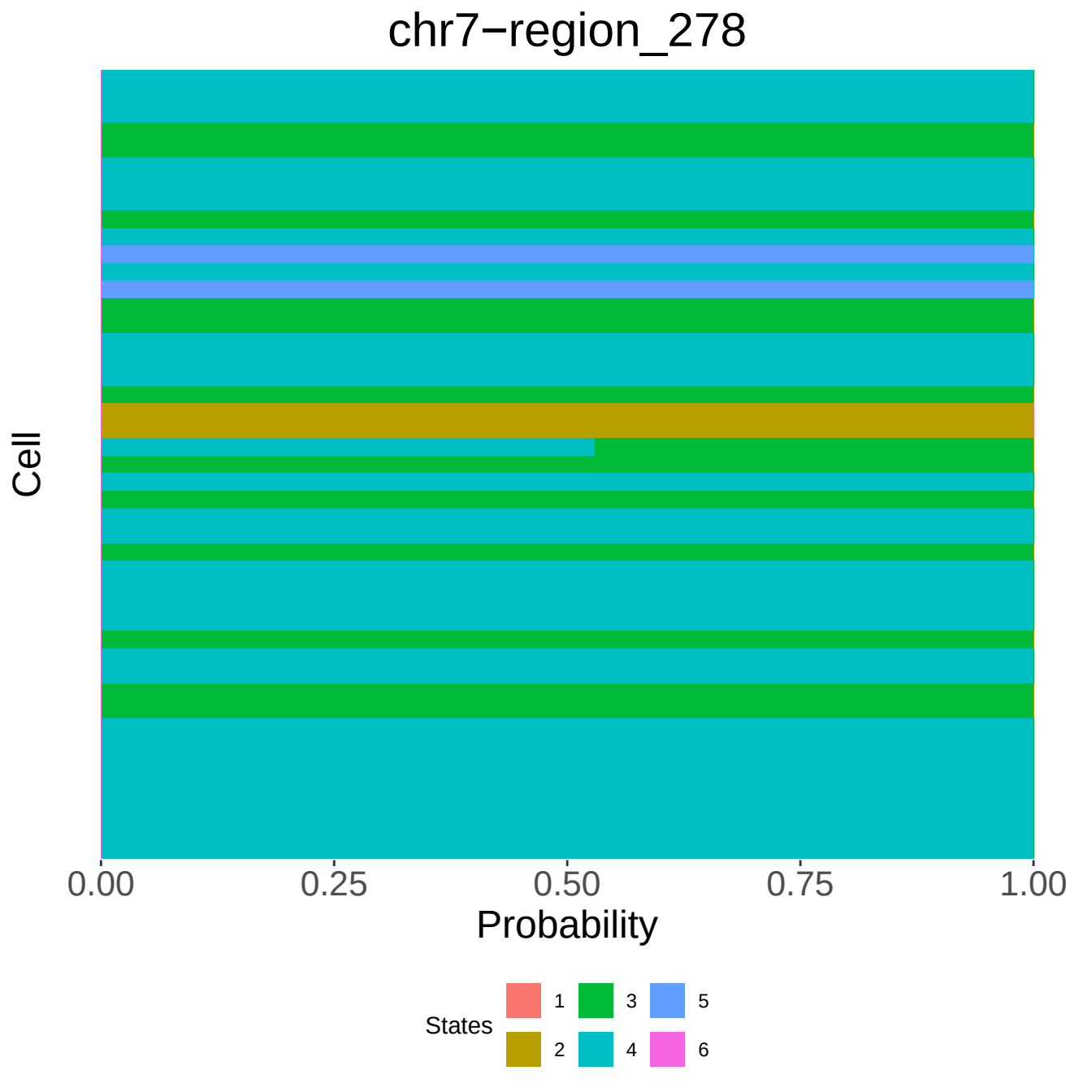
4
5
6


chr7−region_278
Cell
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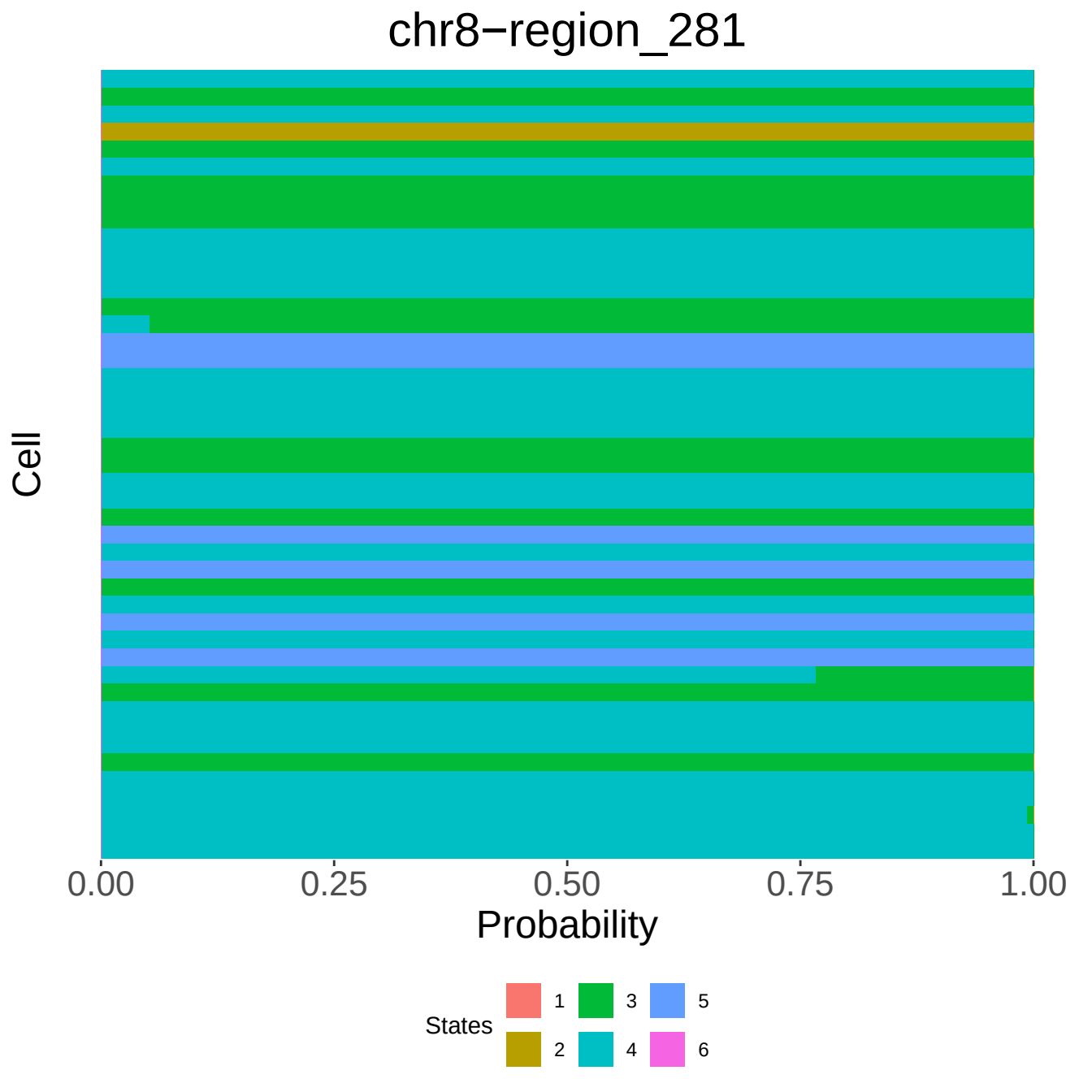
0.25
0.50
0.75
1.00
Probability
States
1
2
3
4
5
6


chr8−region_281
Cell
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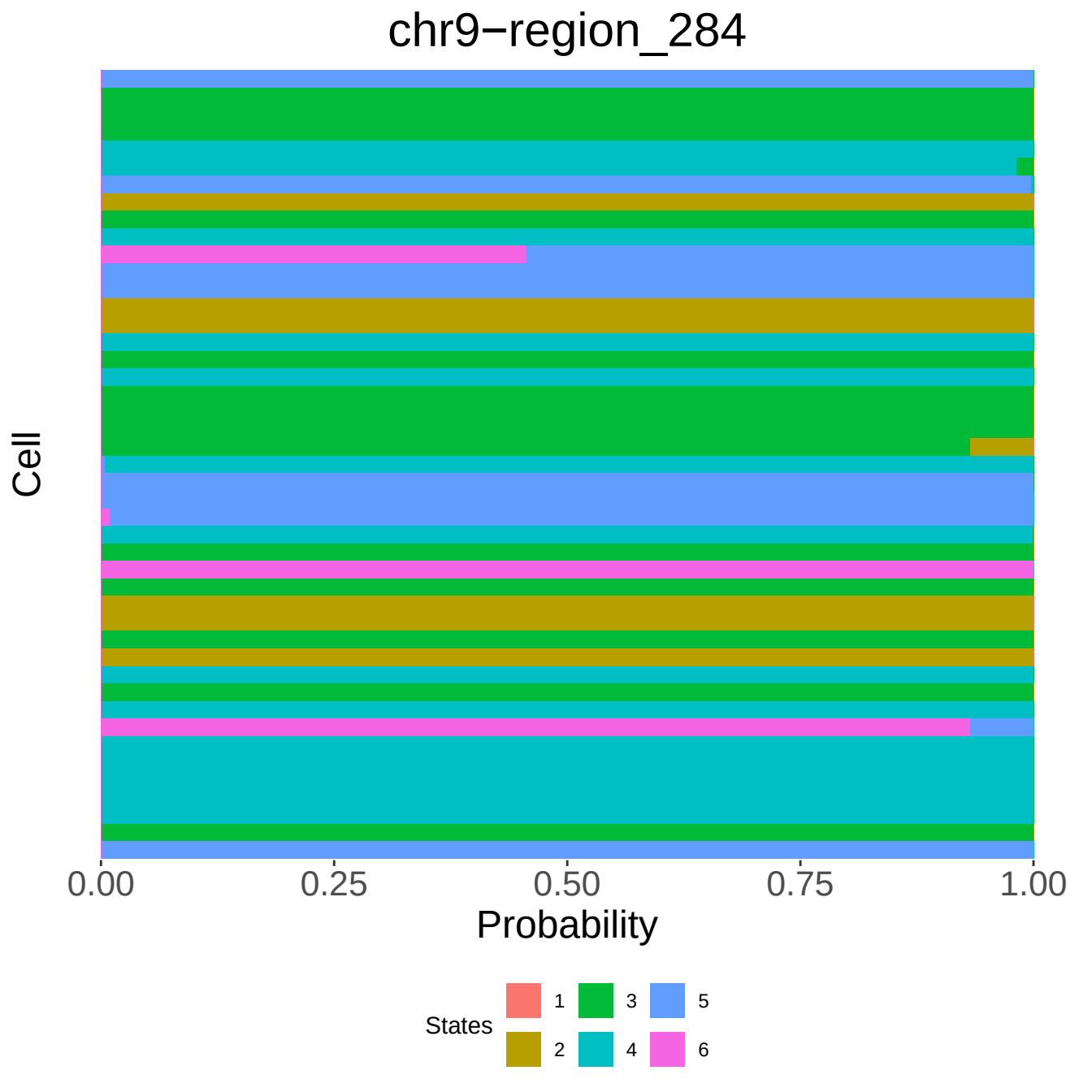
0.75
1.00
Probability
States
1
2
3
4
5
6


chr9−region_284
Cell
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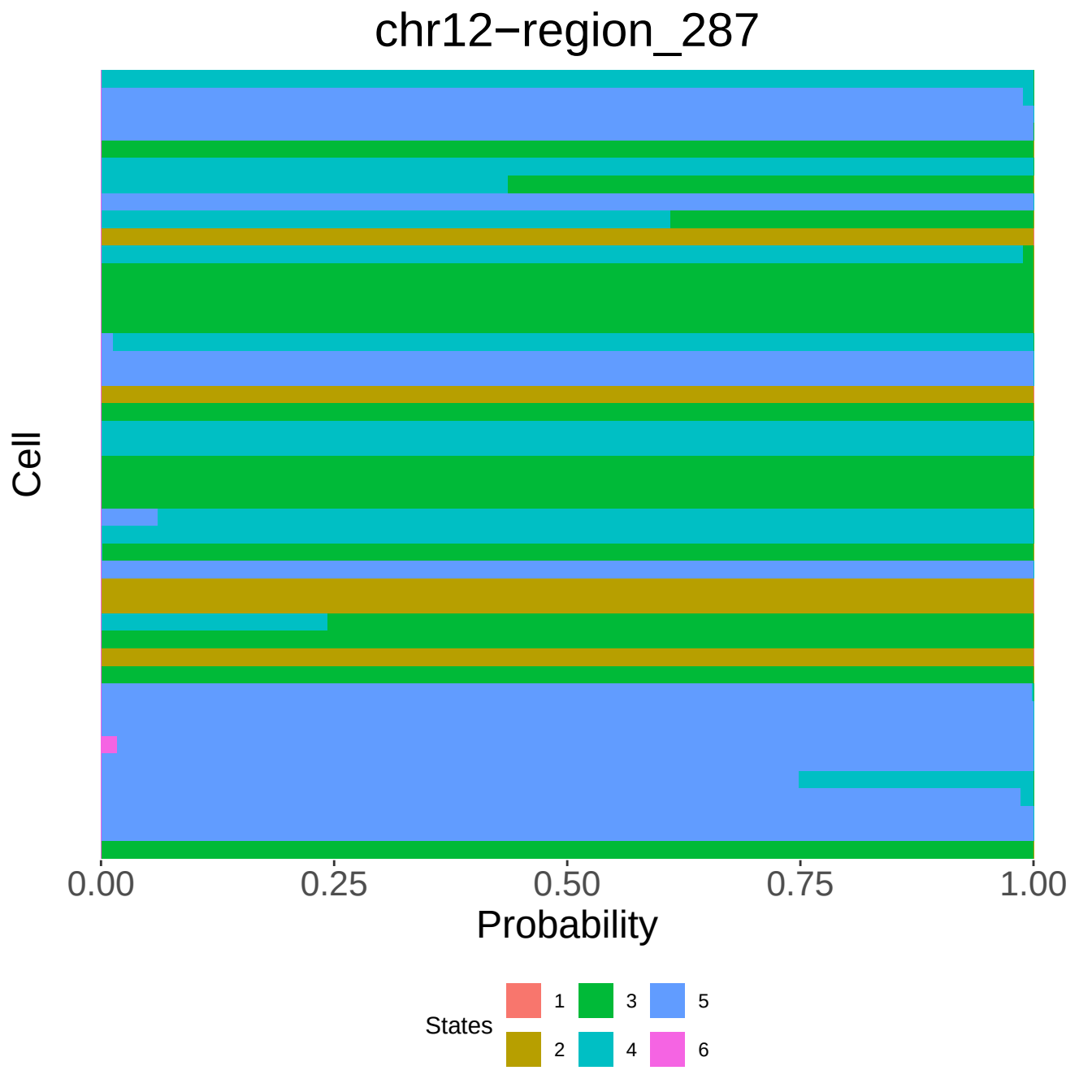
0.50
0.75
1.00
Probability
States
1
2
3
4
5
6


chr12−region_287
Cell
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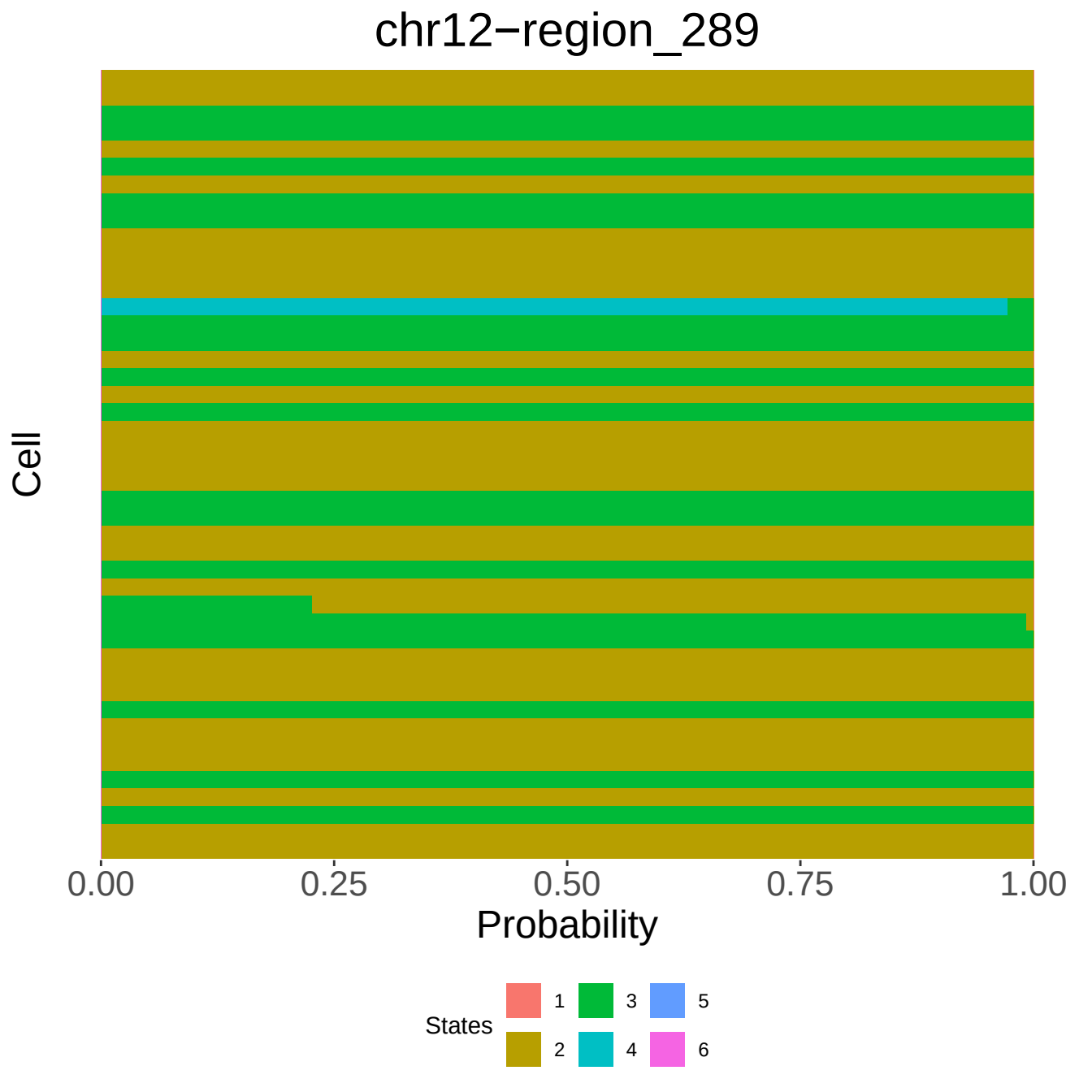
0.25
0.50
0.75
1.00
Probability
States
1
2
3
4
5
6


chr12−region_289
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0.50
0.75
1.00
Probability
States
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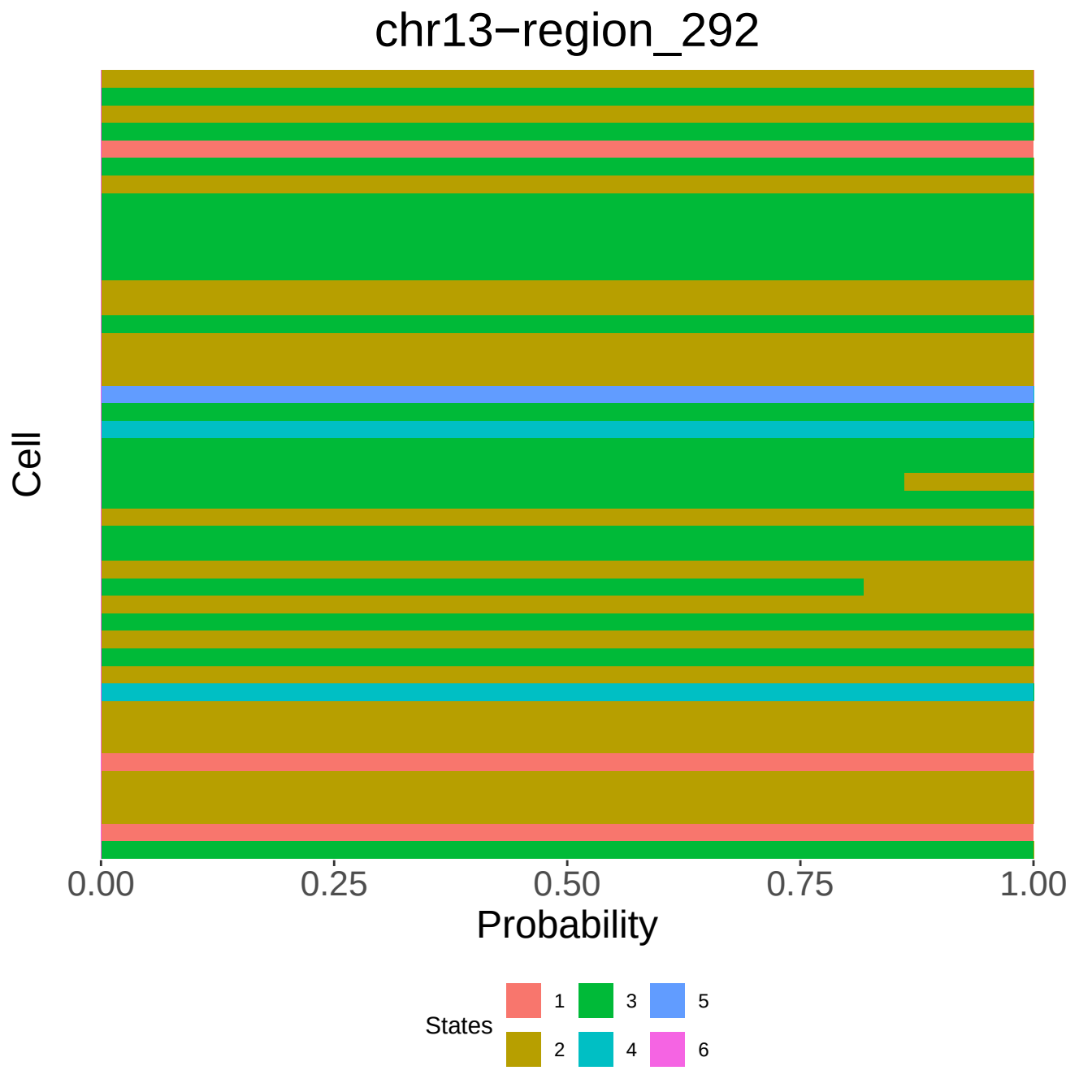
2
3
4
5
6


chr13−region_292
Cell
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1.00
Probability
States
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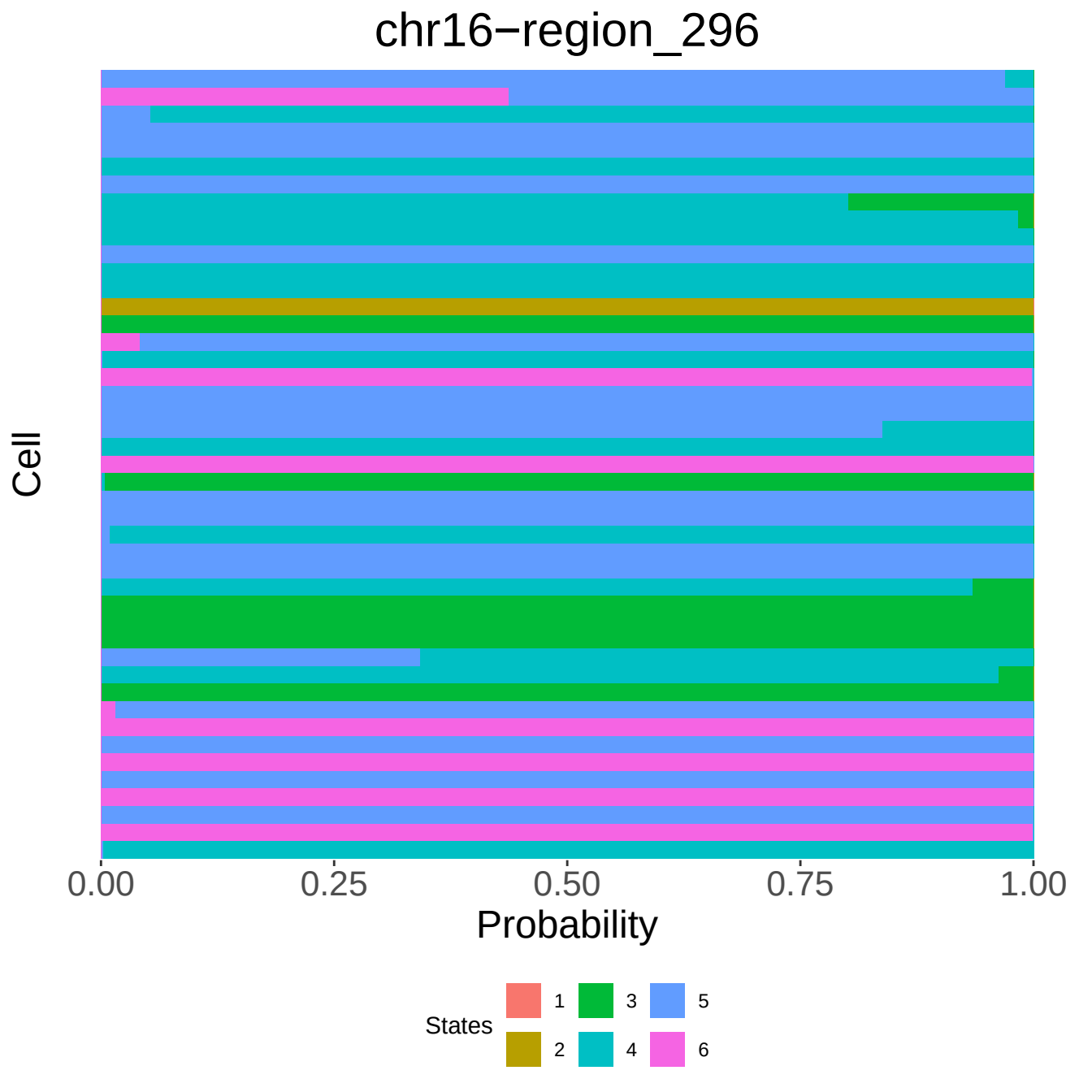
2
3
4
5
6


chr16−region_296
Cell
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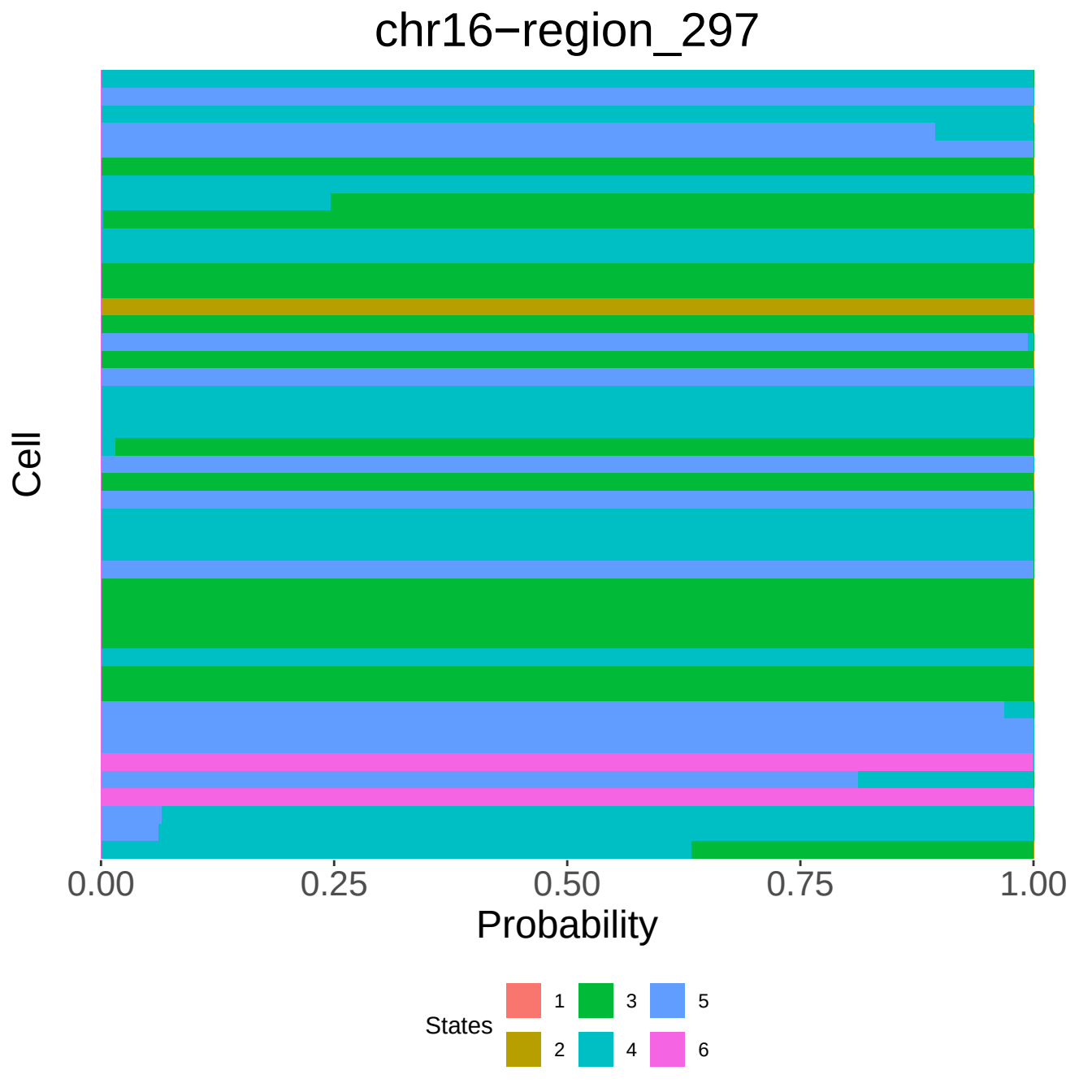
0.50
0.75
1.00
Probability
States
1
2
3
4
5
6


chr16−region_297
Cell
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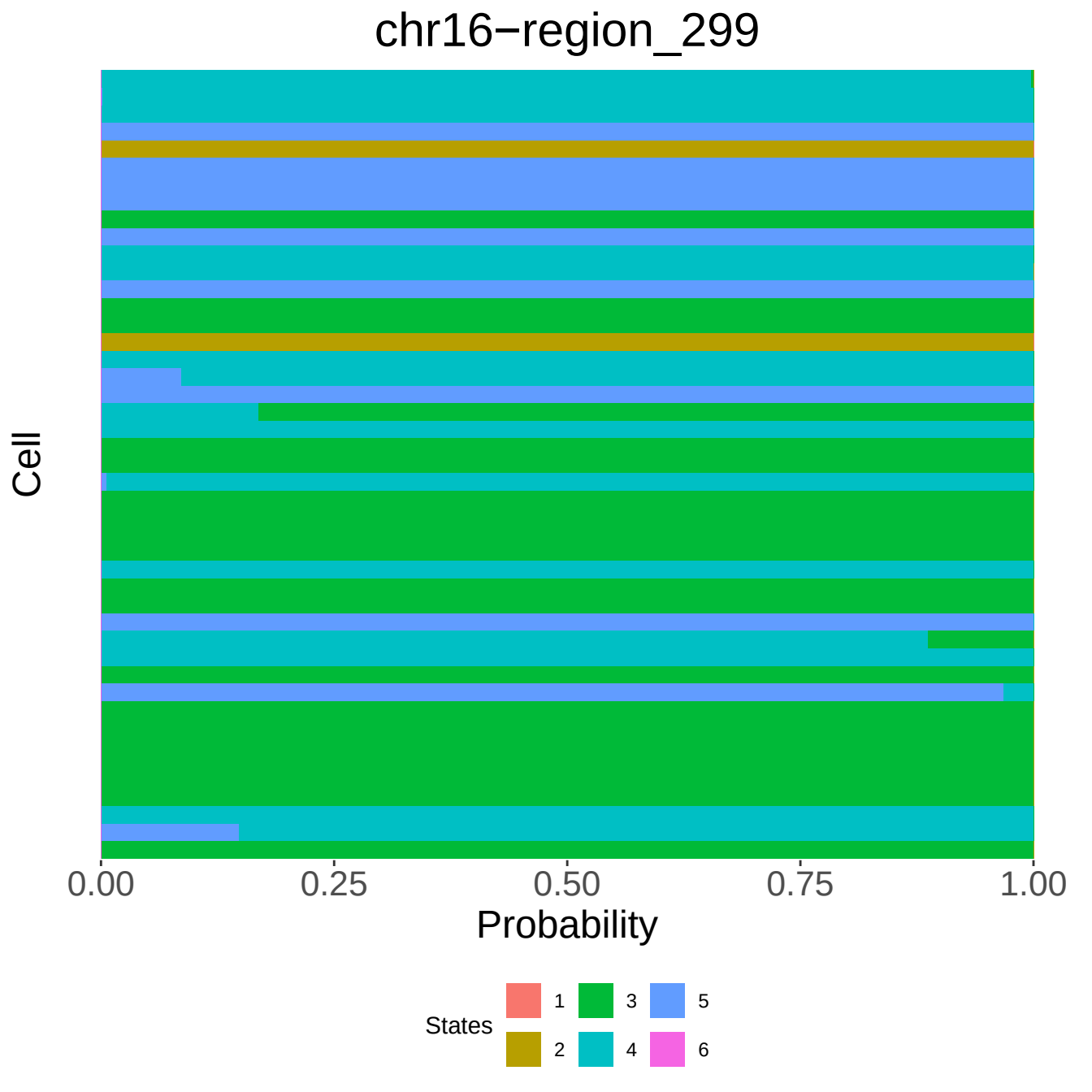
0.50
0.75
1.00
Probability
States
1
2
3
4
5
6


chr16−region_299
Cell
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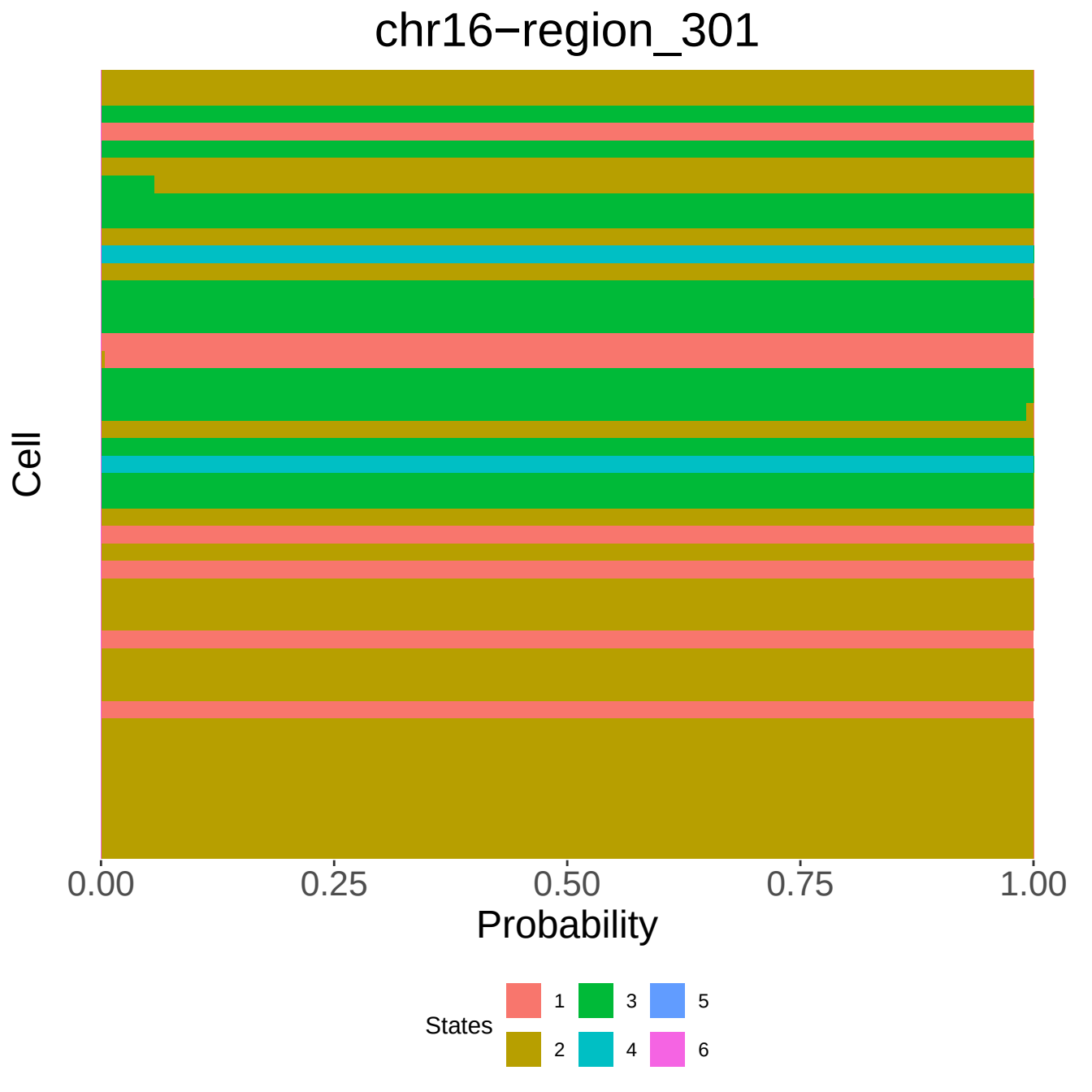
0.75
1.00
Probability
States
1
2
3
4
5
6


chr16−region_301
Cell
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0.75
1.00
Probability
States
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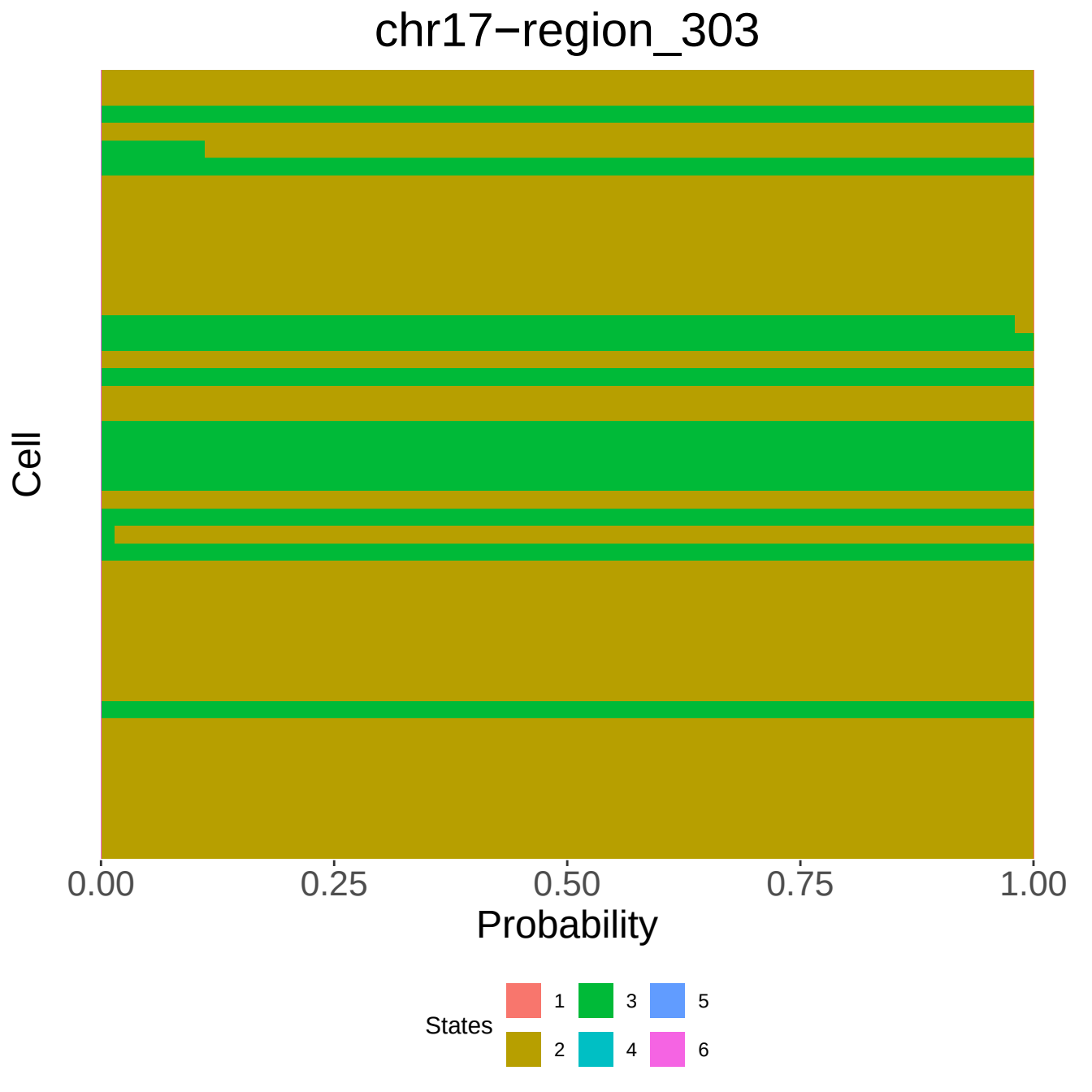
2
3
4
5
6


chr17−region_303
Cell
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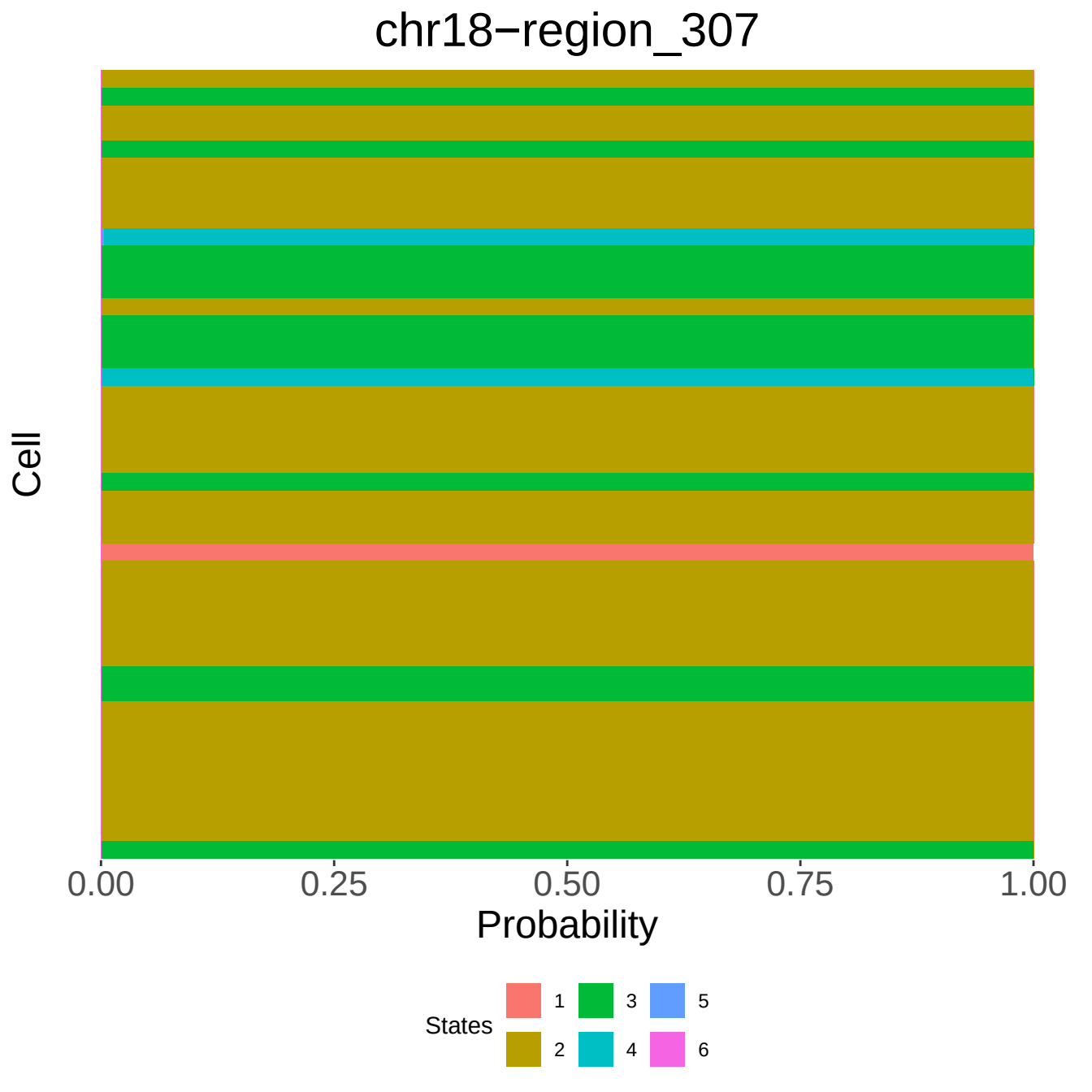
0.50
0.75
1.00
Probability
States
1
2
3
4
5
6


chr18−region_307
Cell
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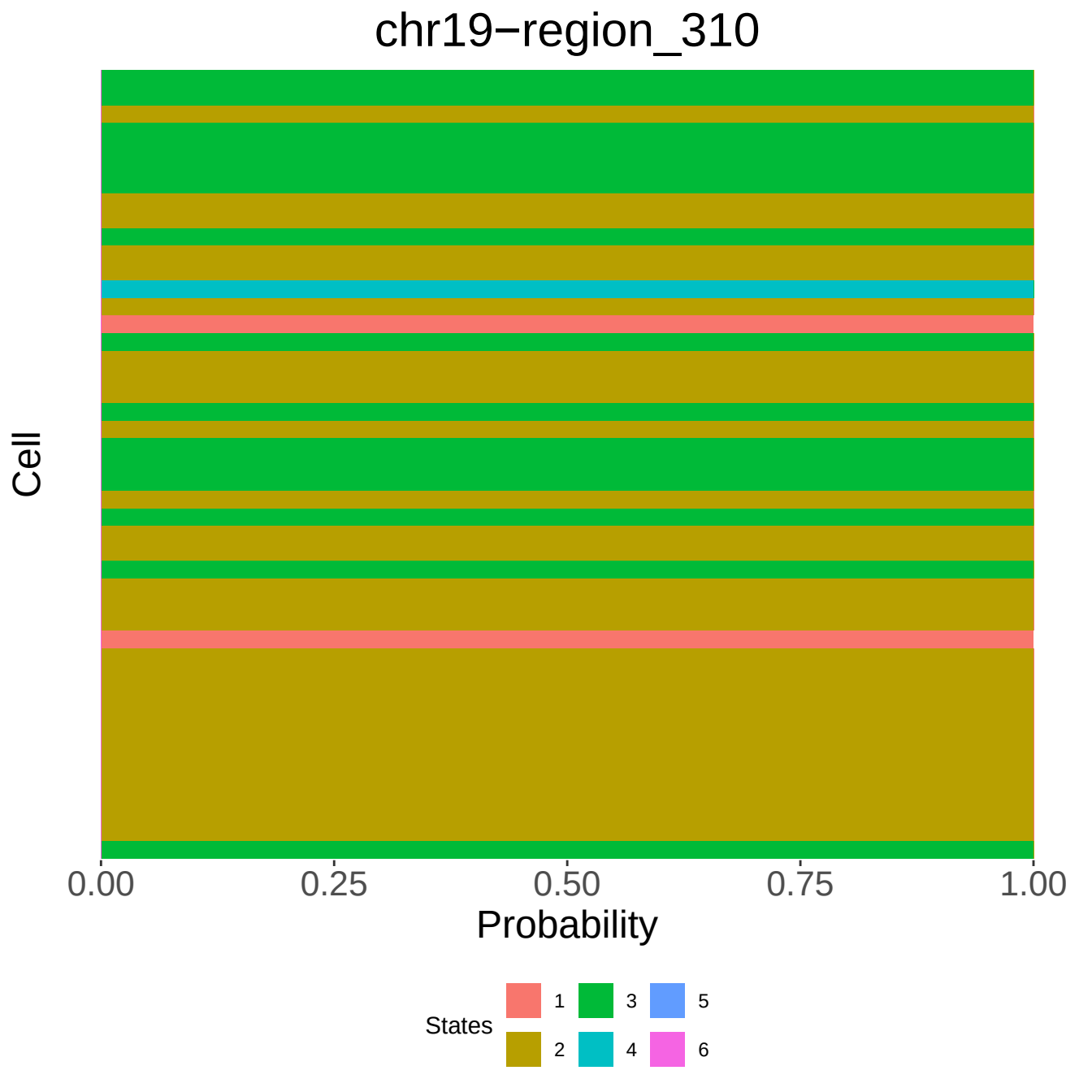
0.75
1.00
Probability
States
1
2
3
4
5
6


chr19−region_310
Cell
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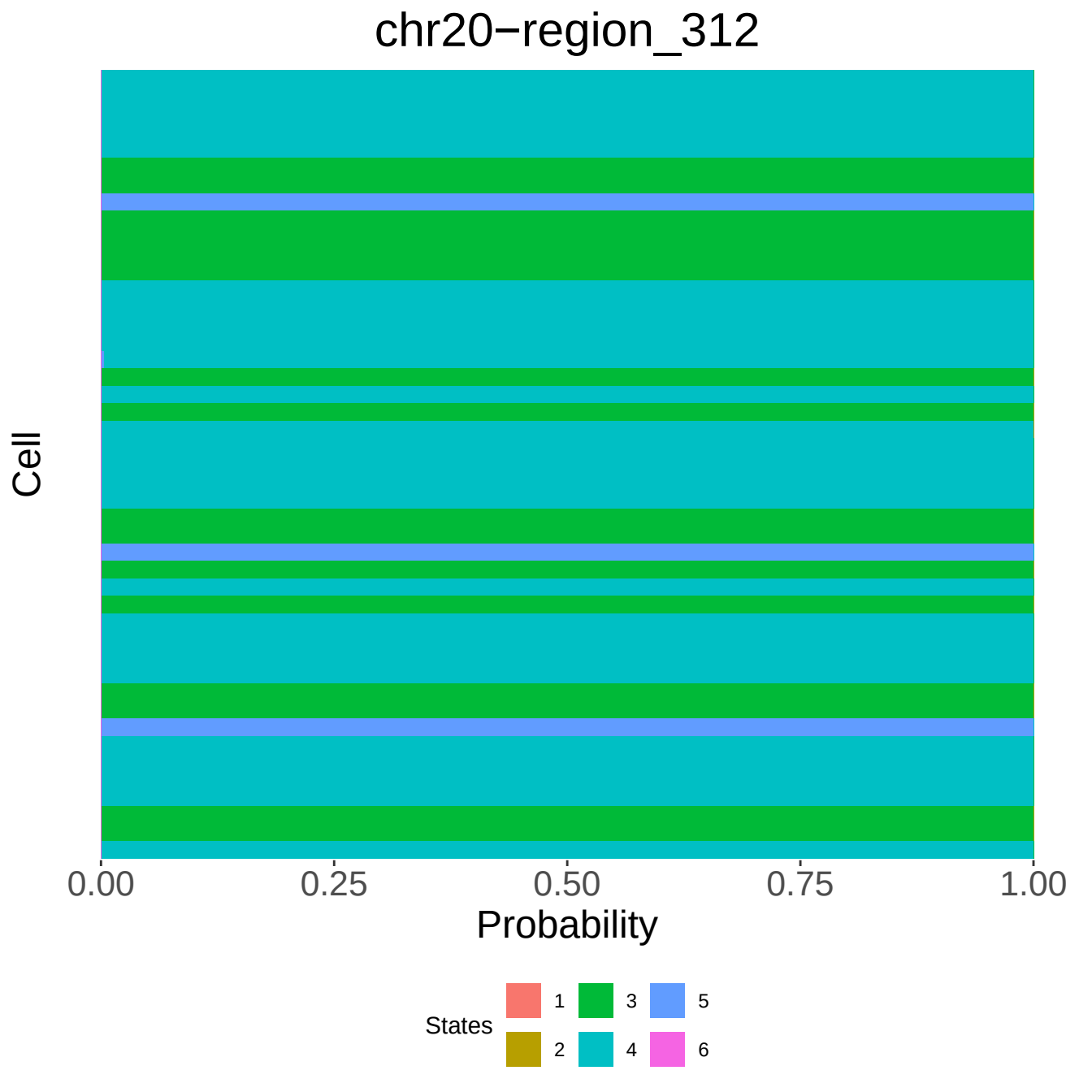
0.75
1.00
Probability
States
1
2
3
4
5
6


chr20−region_312
Cell
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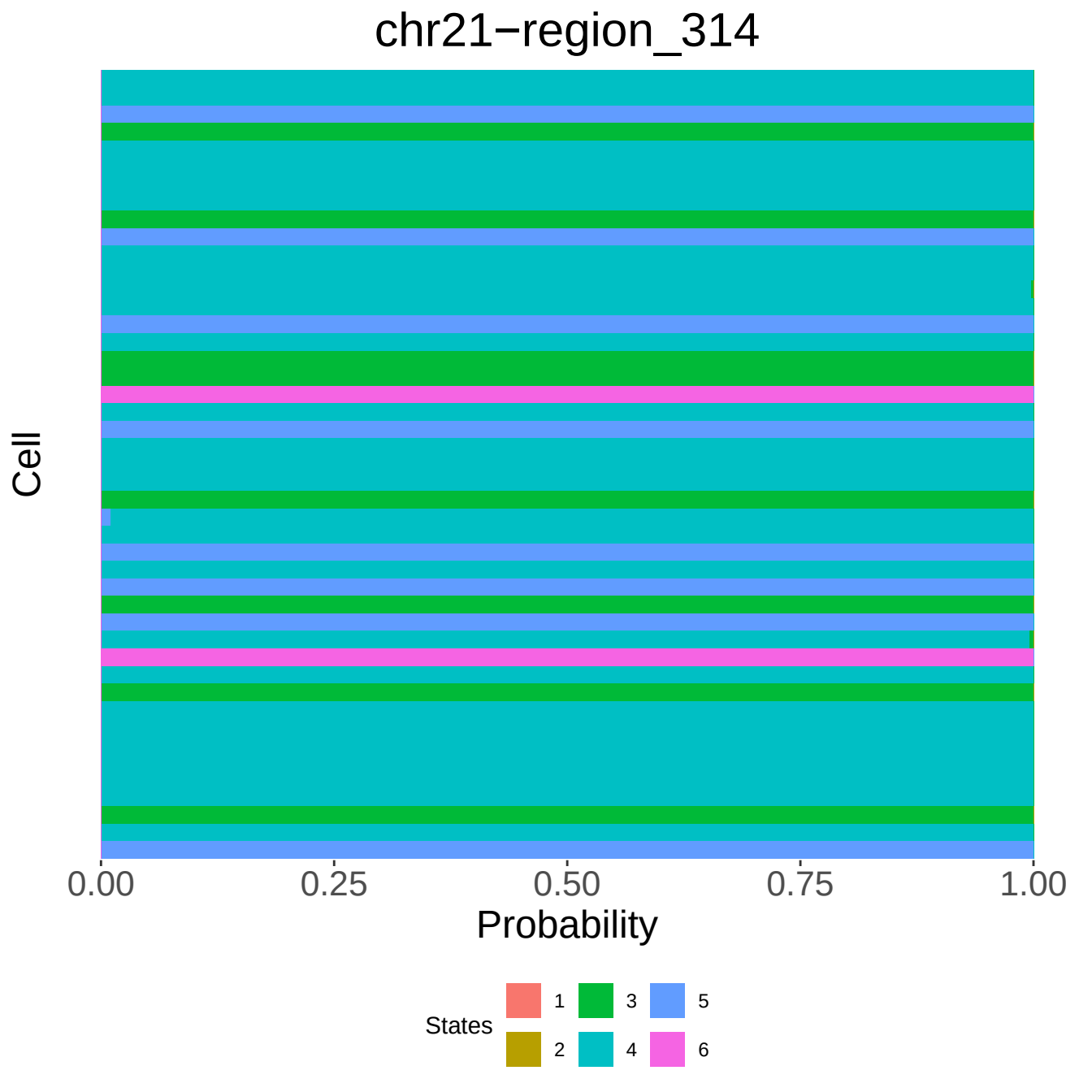
0.75
1.00
Probability
States
1
2
3
4
5
6


chr21−region_314
Cell
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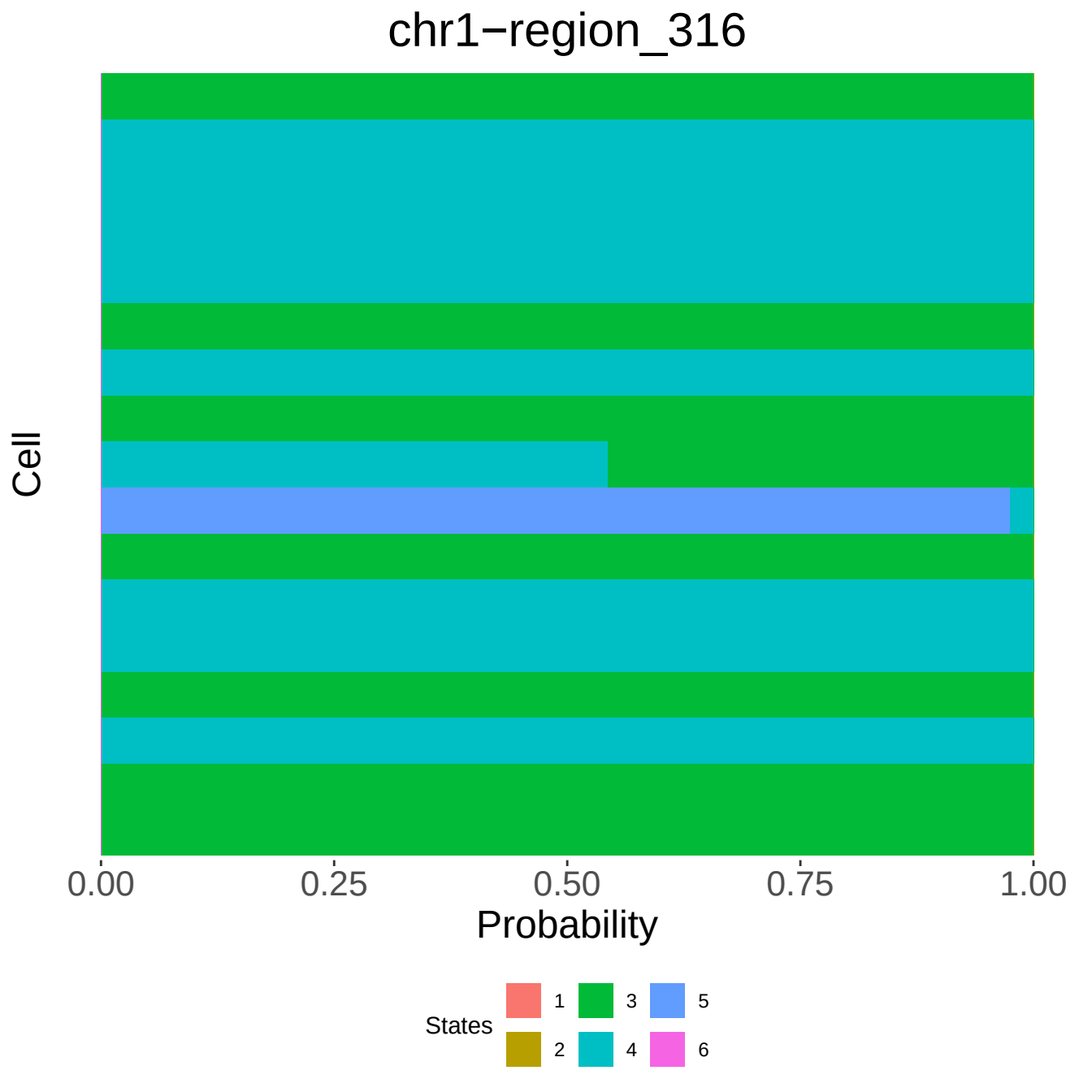
0.75
1.00
Probability
States
1
2
3
4
5
6


chr1−region_316
Cell
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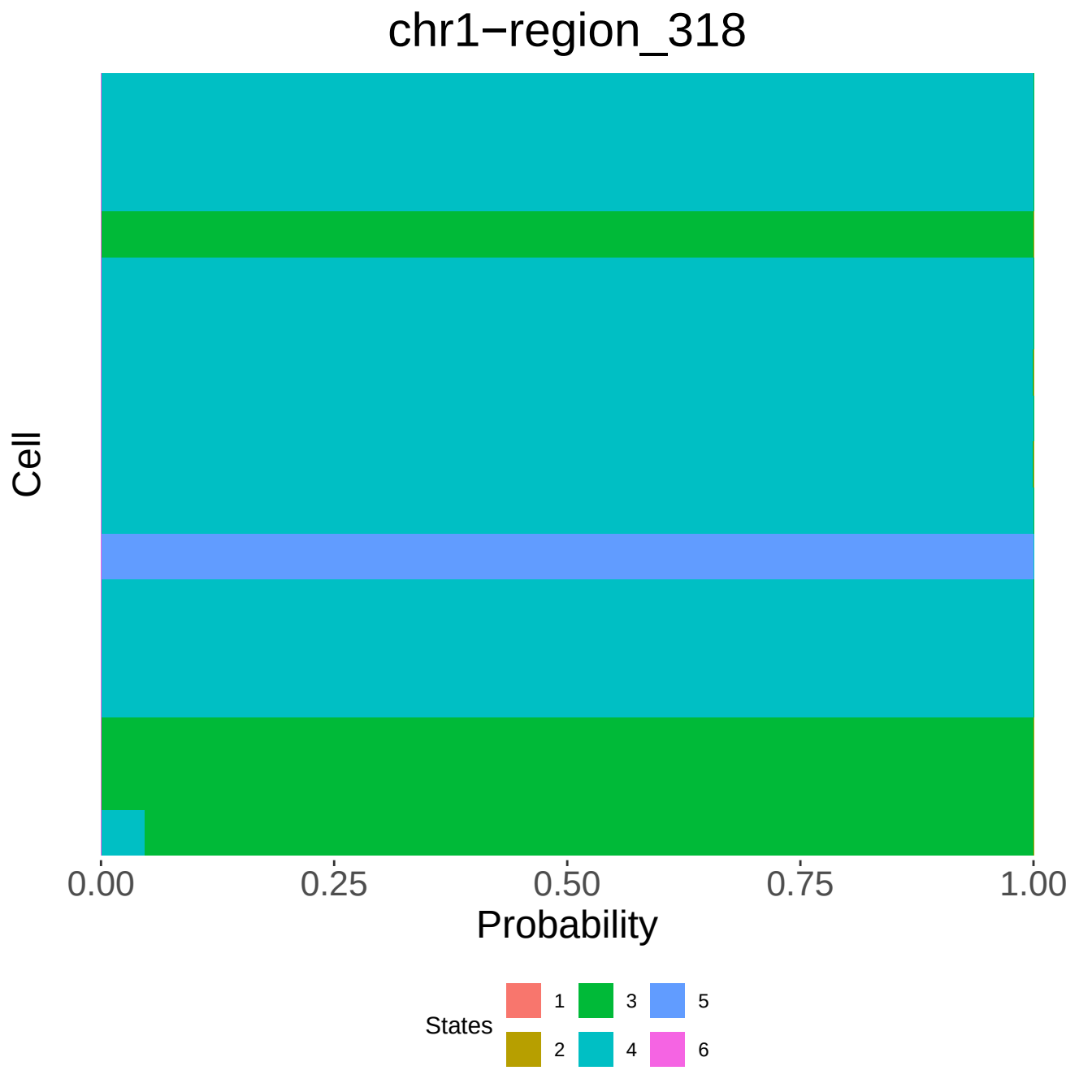
0.75
1.00
Probability
States
1
2
3
4
5
6


chr1−region_318
Cell
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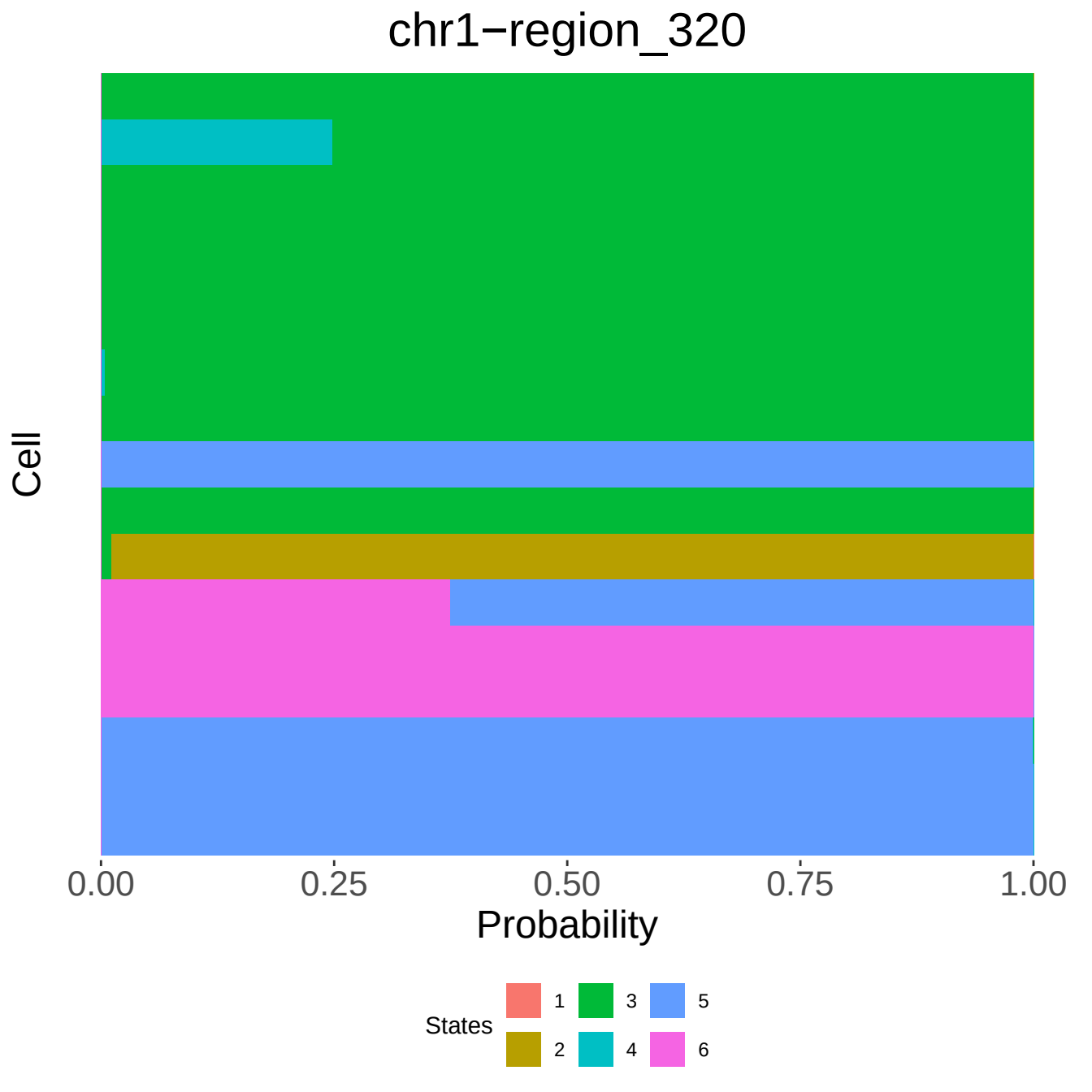
0.75
1.00
Probability
States
1
2
3
4
5
6


chr1−region_320
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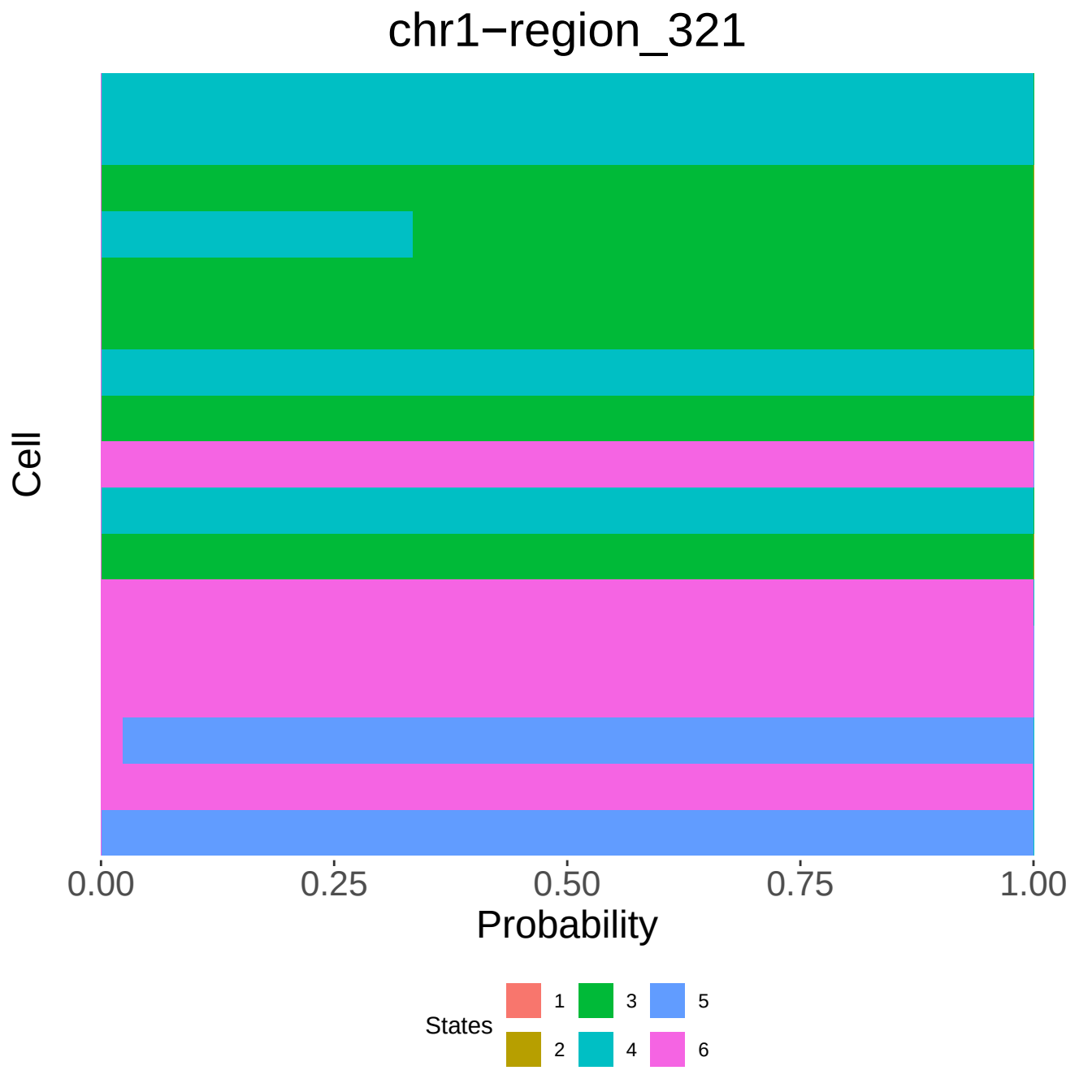
1.00
Probability
States
1
3
5
2
4
6


chr1−region_321
Cell
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0.25
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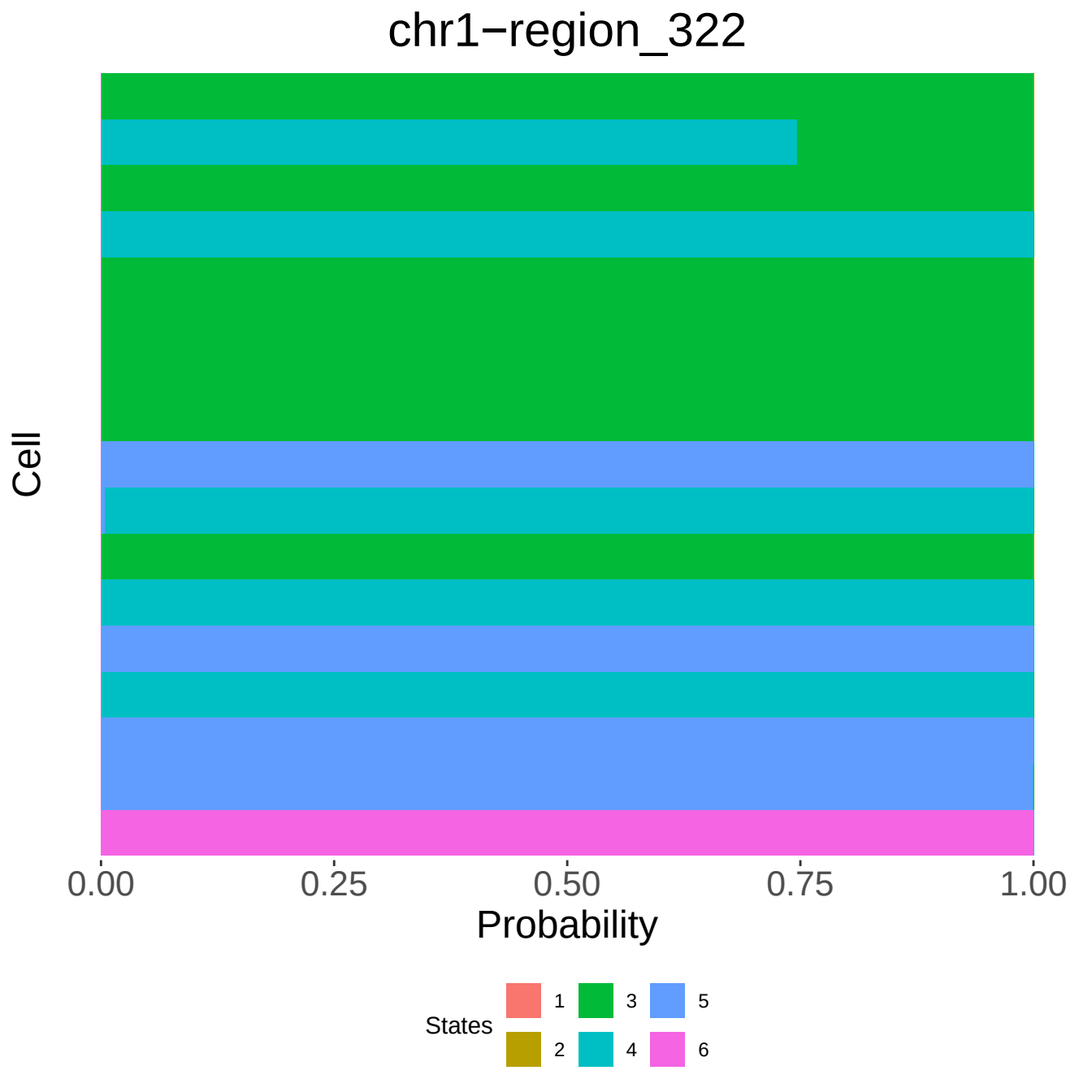
0.75
1.00
Probability
States
1
2
3
4
5
6


chr1−region_322
Cell
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0.75
1.00
Probability
States
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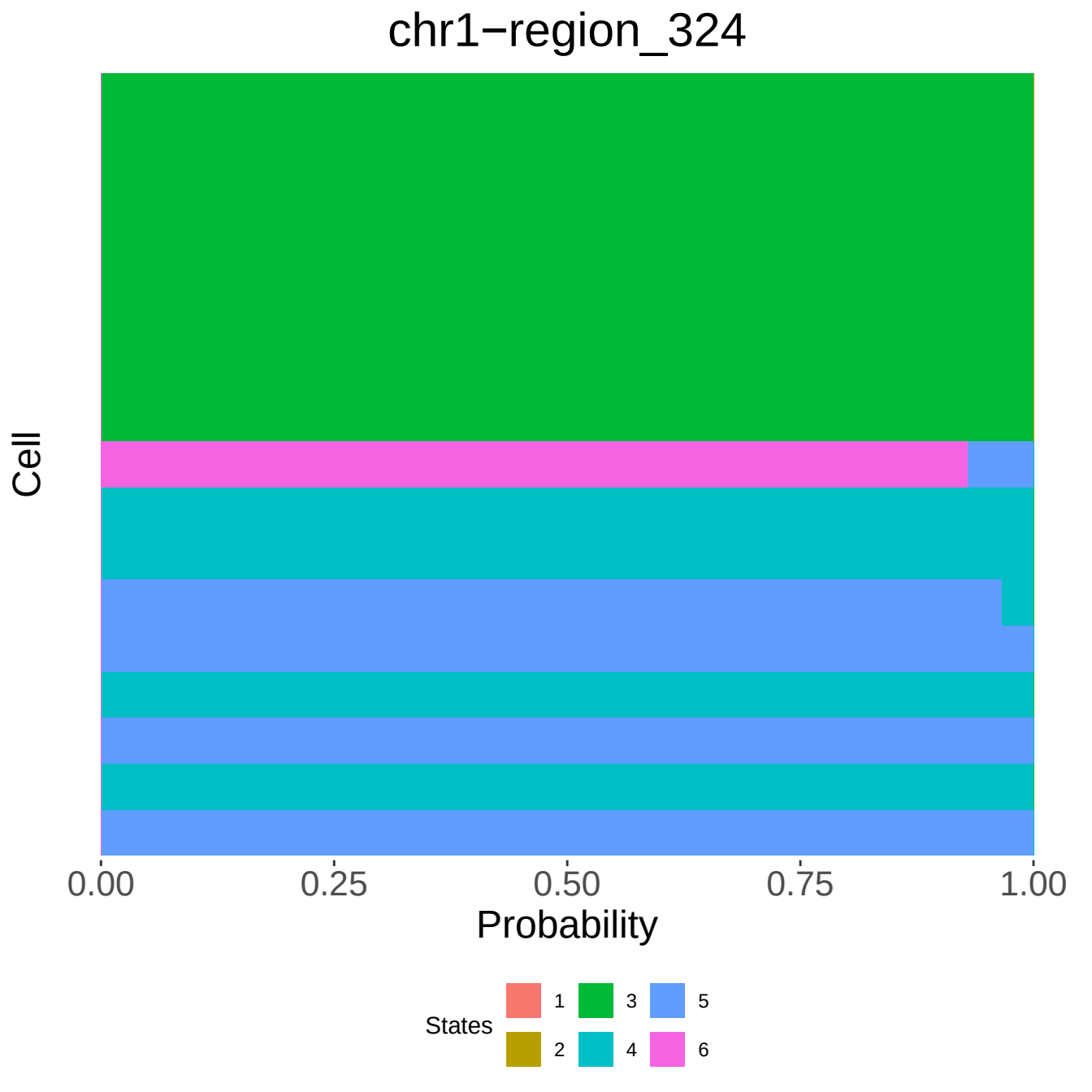
2
3
4
5
6


chr1−region_324
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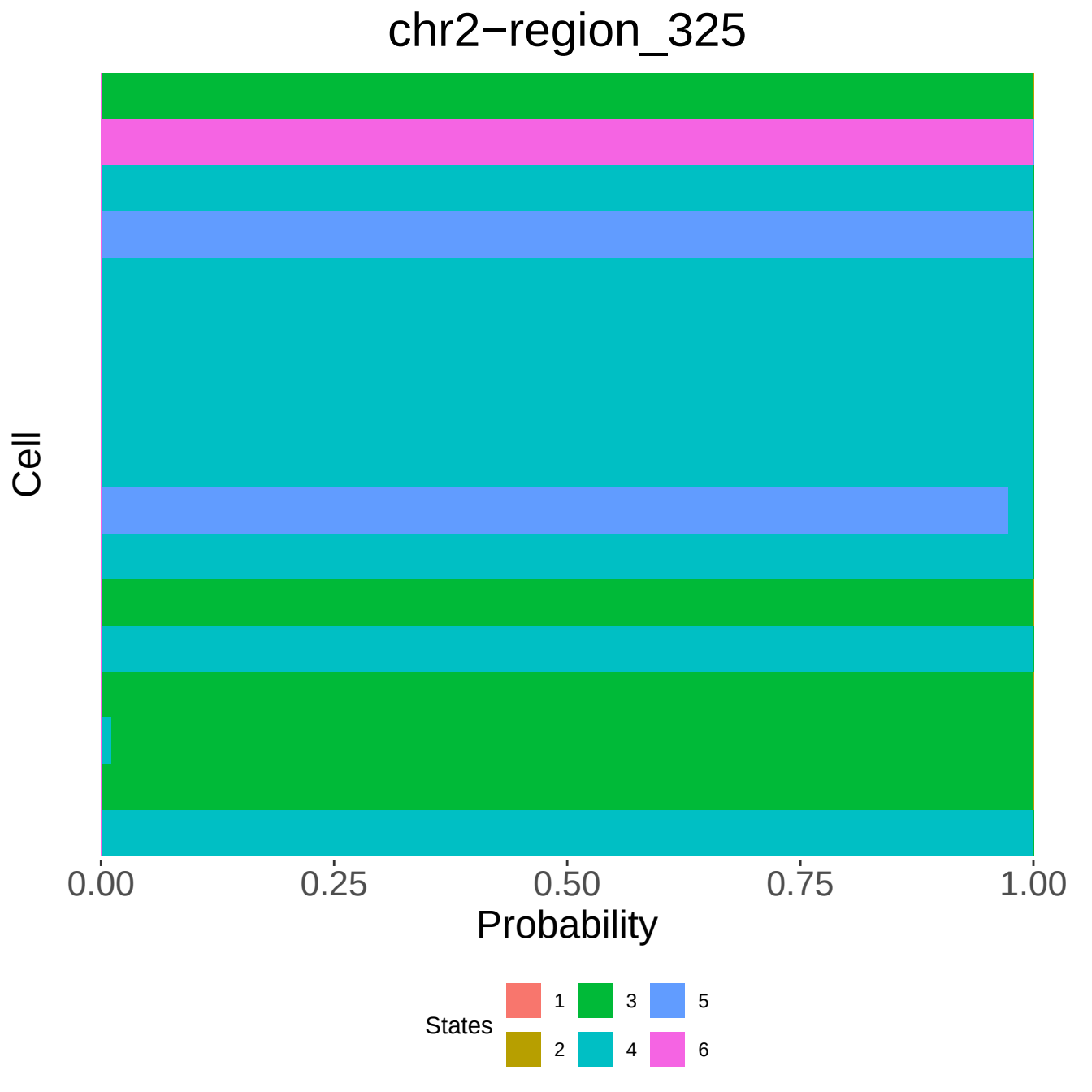
0.25
0.50
0.75
1.00
Probability
States
1
2
3
4
5
6


chr2−region_325
Cell
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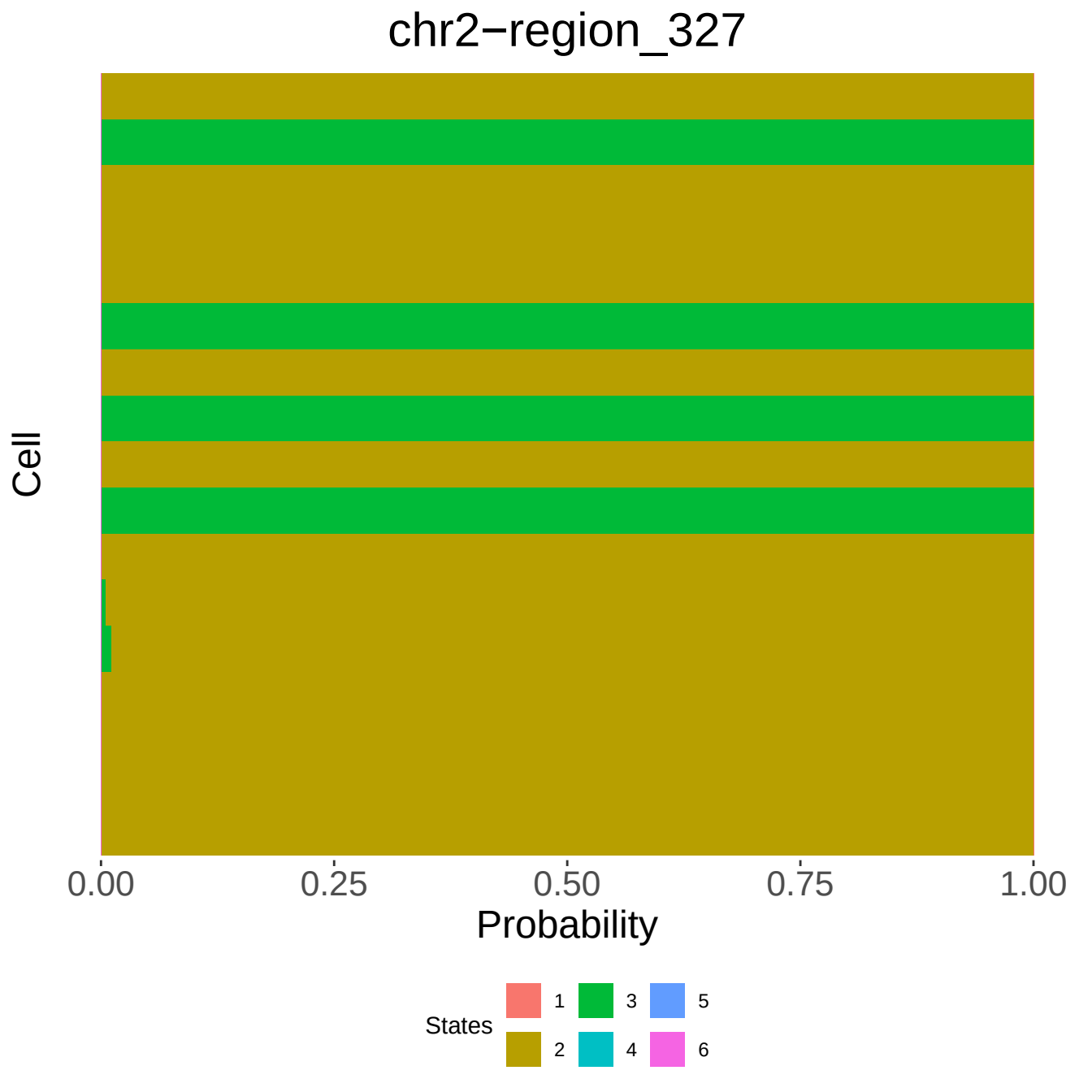
0.25
0.50
0.75
1.00
Probability
States
1
2
3
4
5
6


chr2−region_327
Cell
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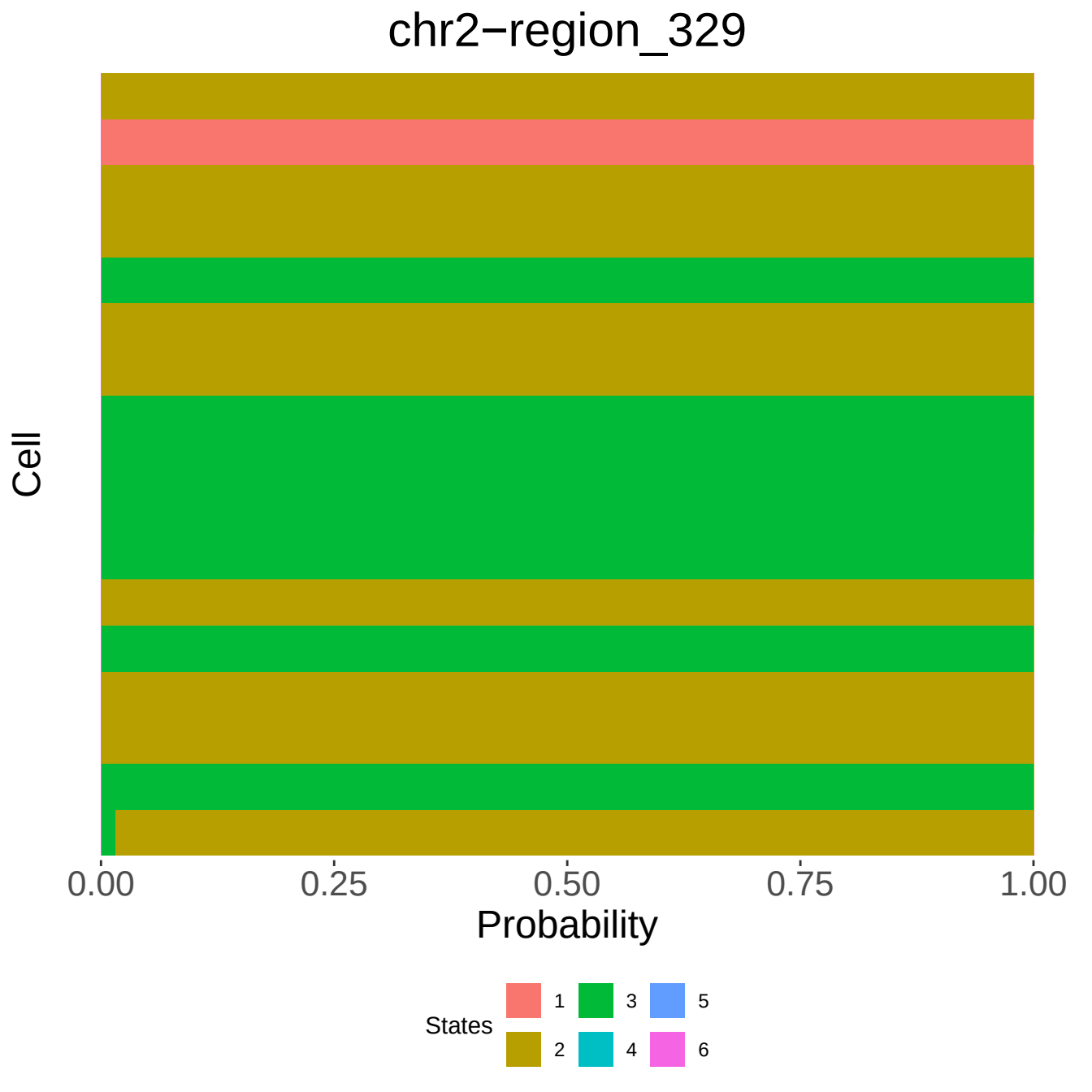
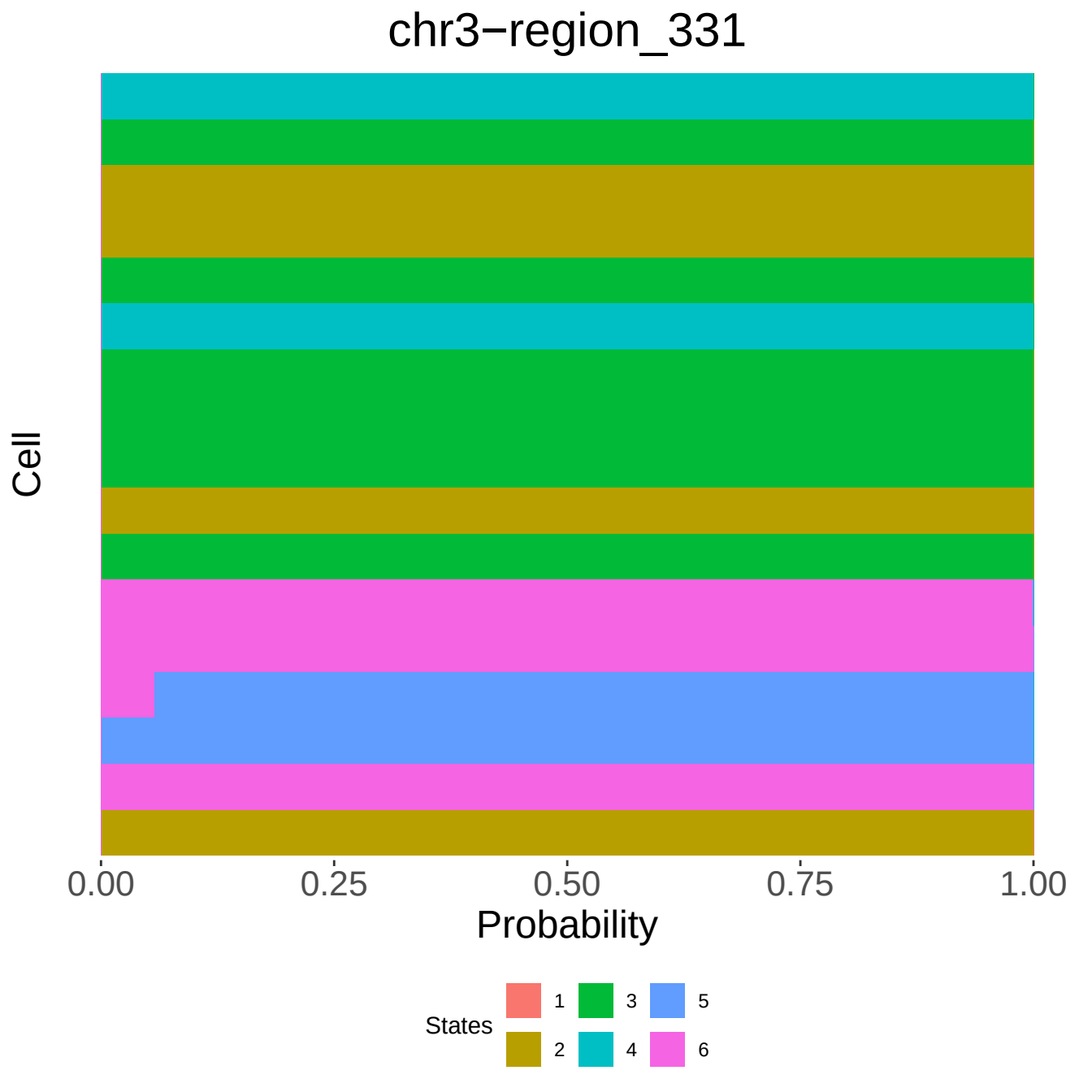
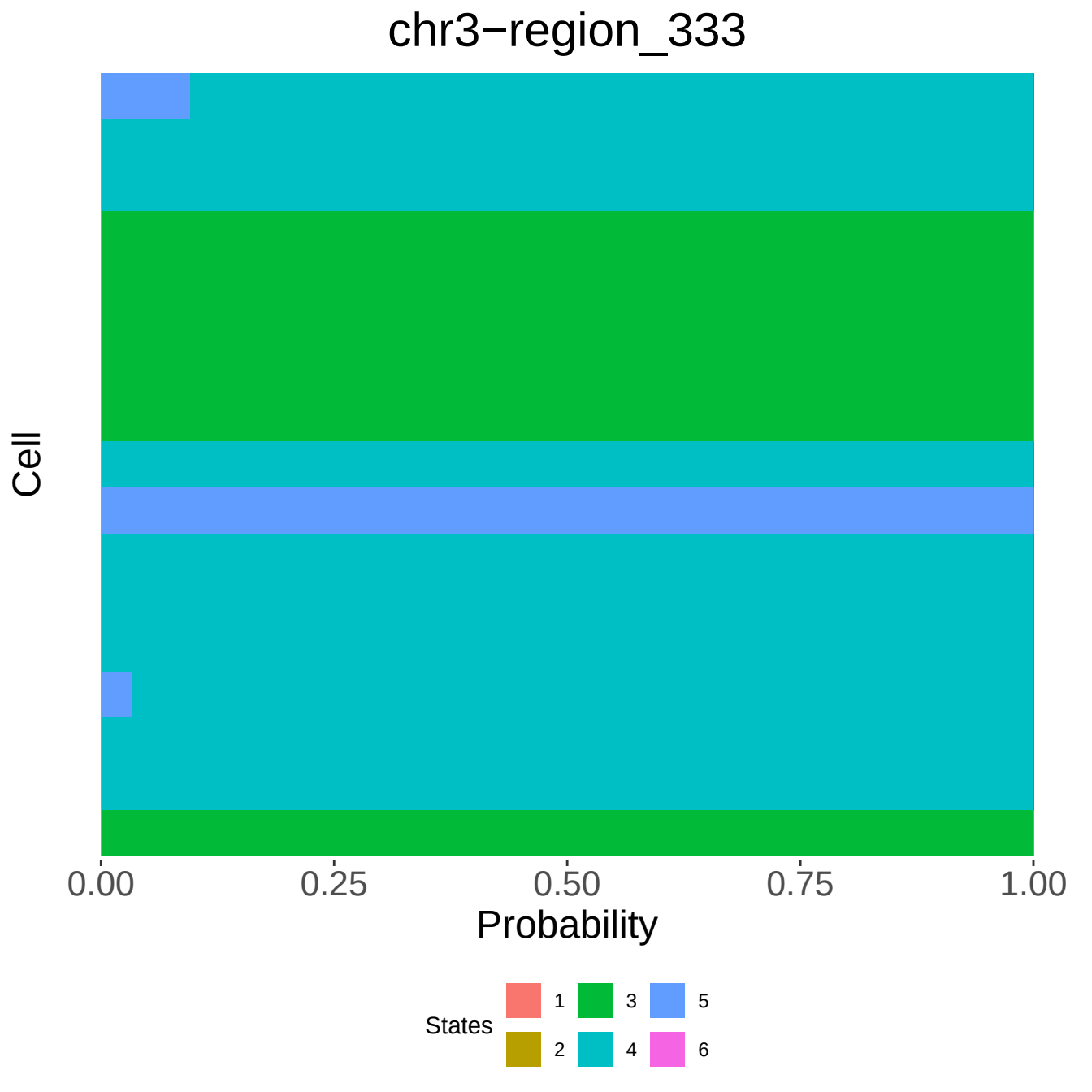
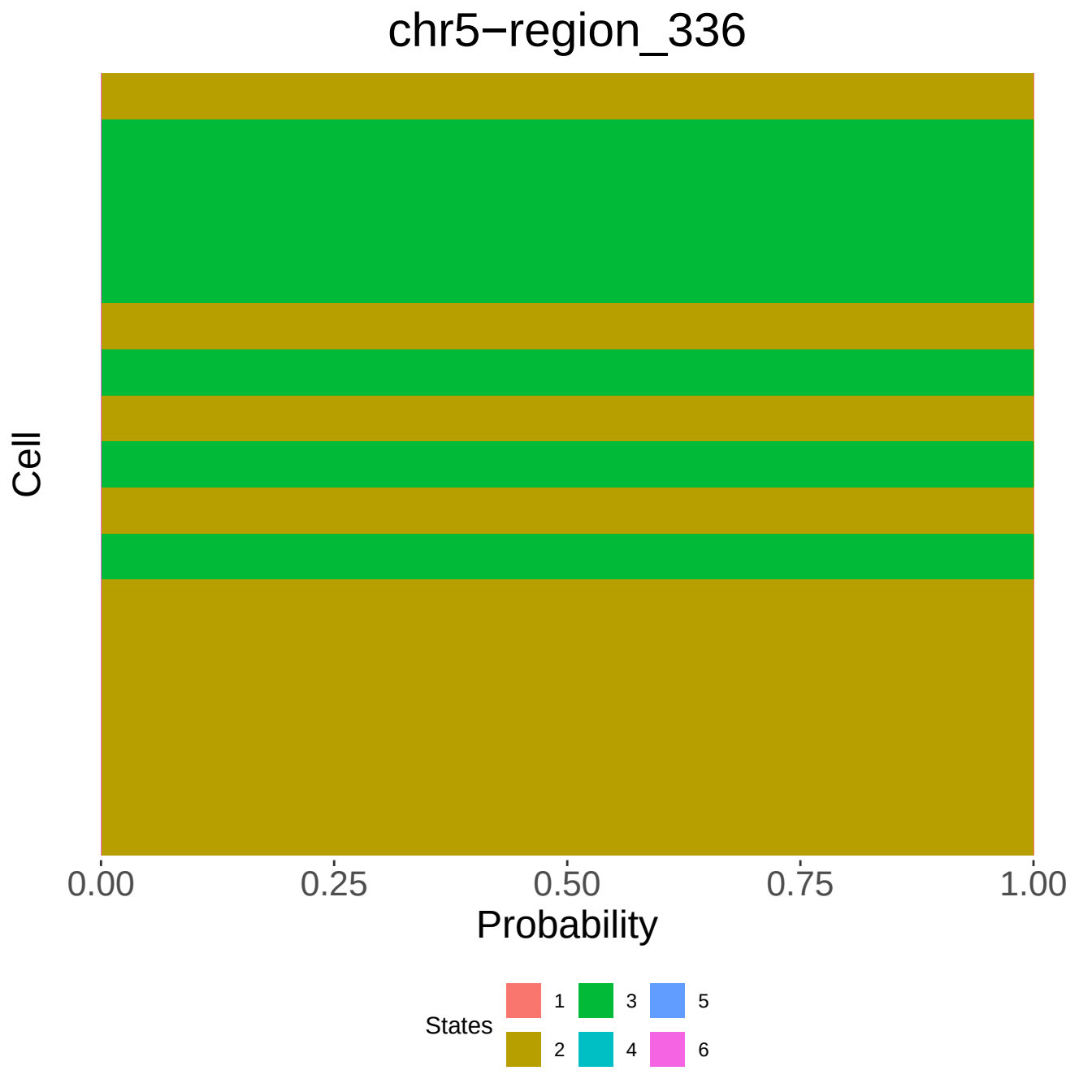
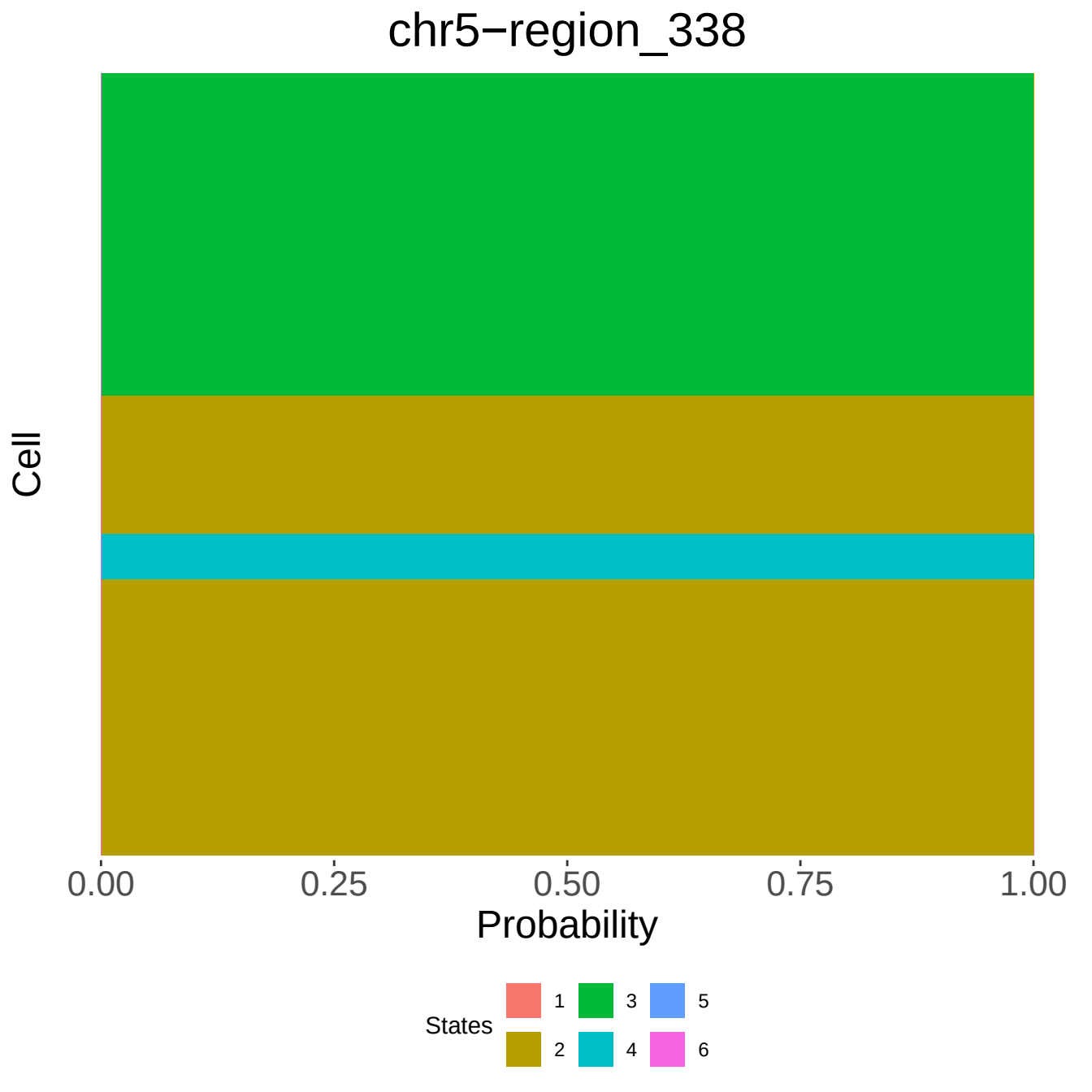
0.25
0.50
0.75
1.00
Probability
States
1
2
3
4
5
6

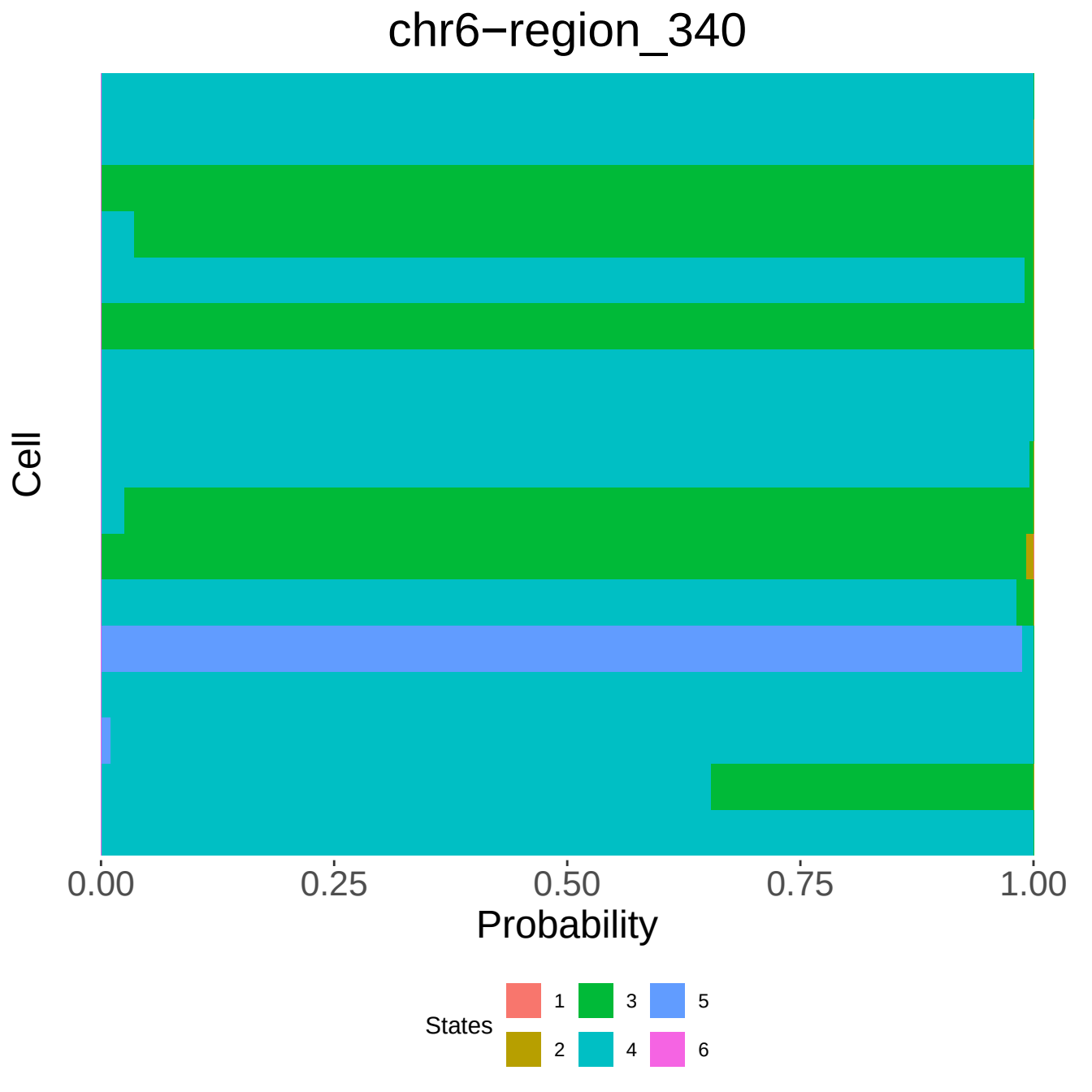

chr2−region_329
Cell
0.00
0.25
0.50
0.75
1.00
Probability
States
1
2
3
4
5
6

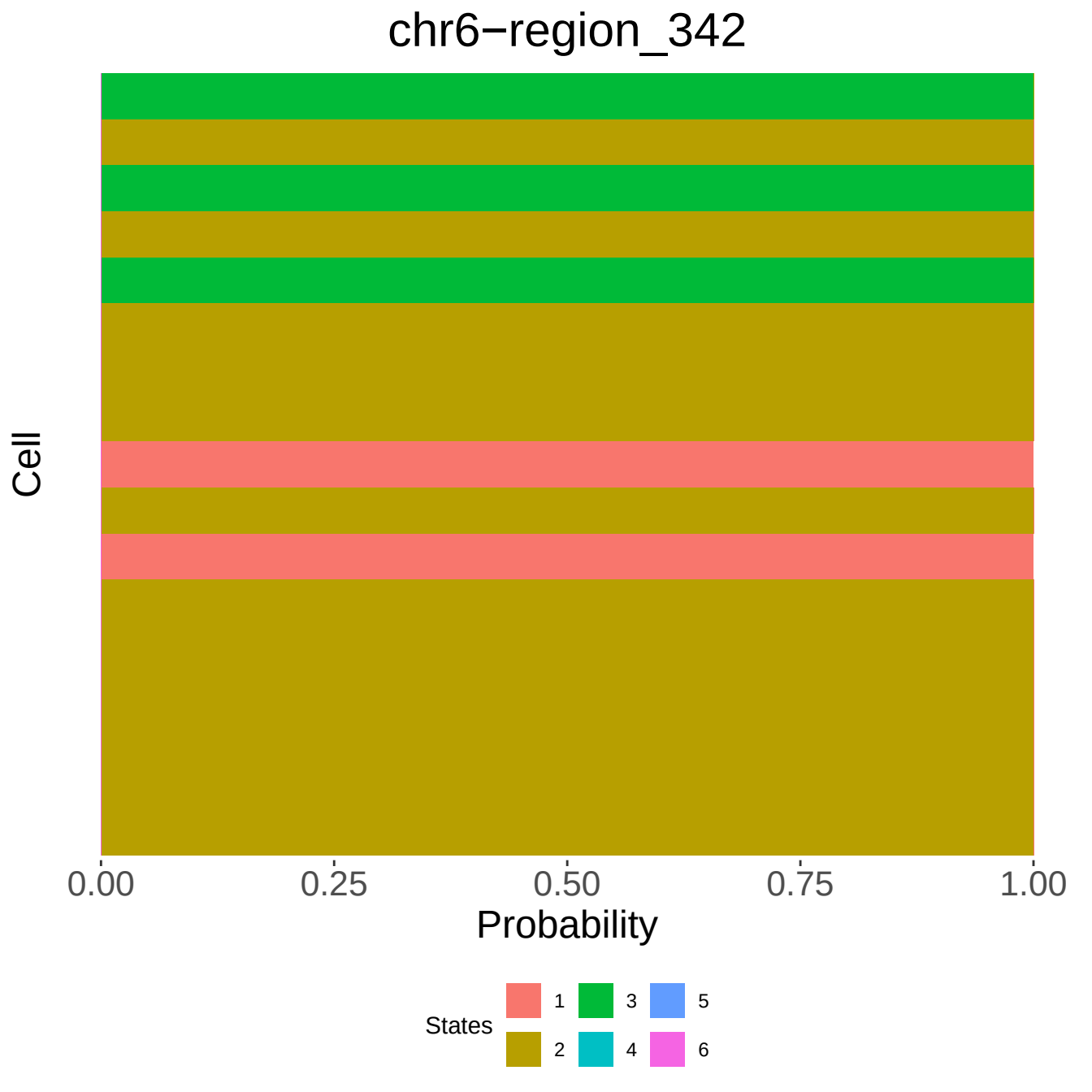

chr3−region_331
Cell
0.00
0.25
0.50
0.75
1.00
Probability
States
1
3
5
2
4
6

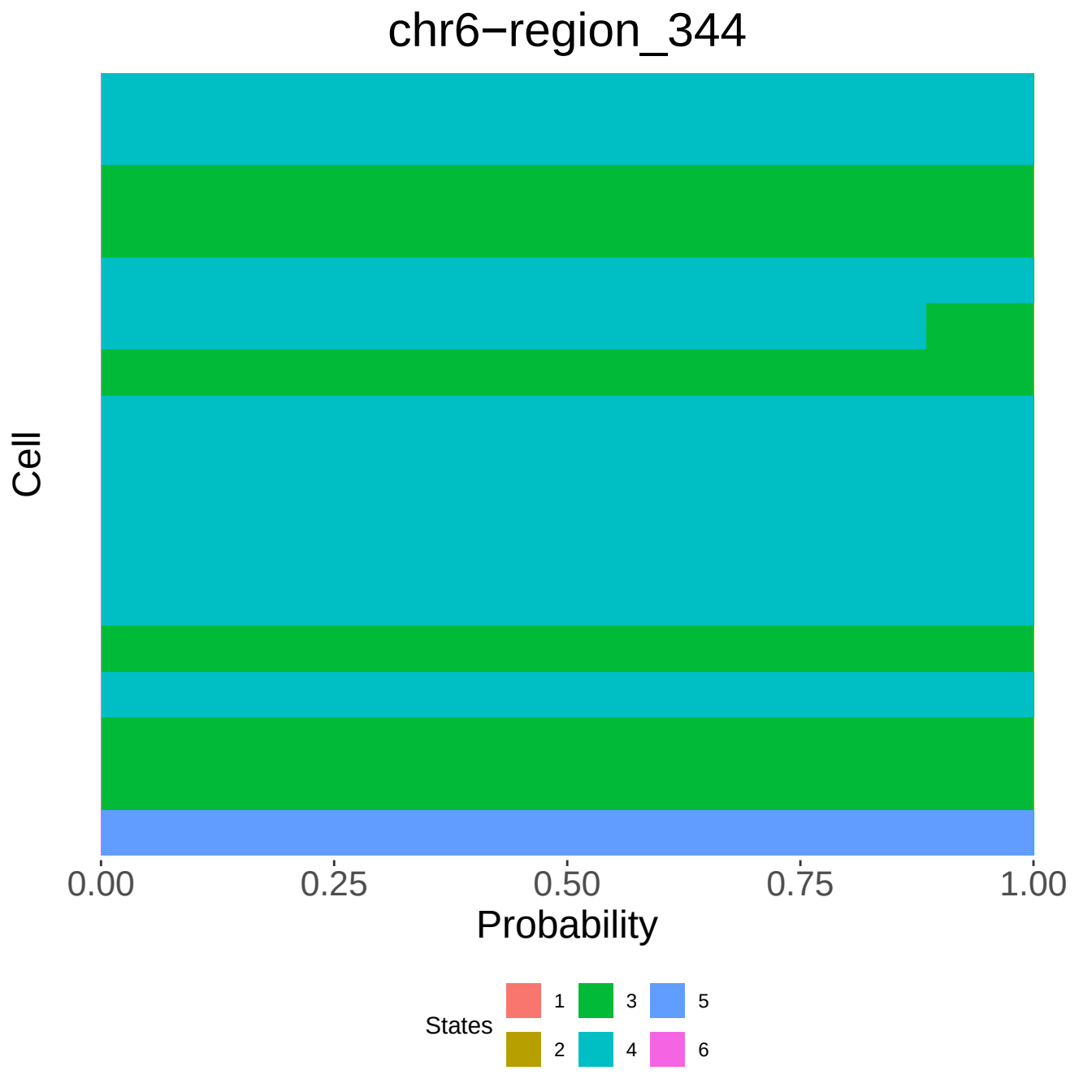

chr3−region_333
Cell
0.00
0.25
0.50
0.75
1.00
Probability
States
1
2
3
4
5
6

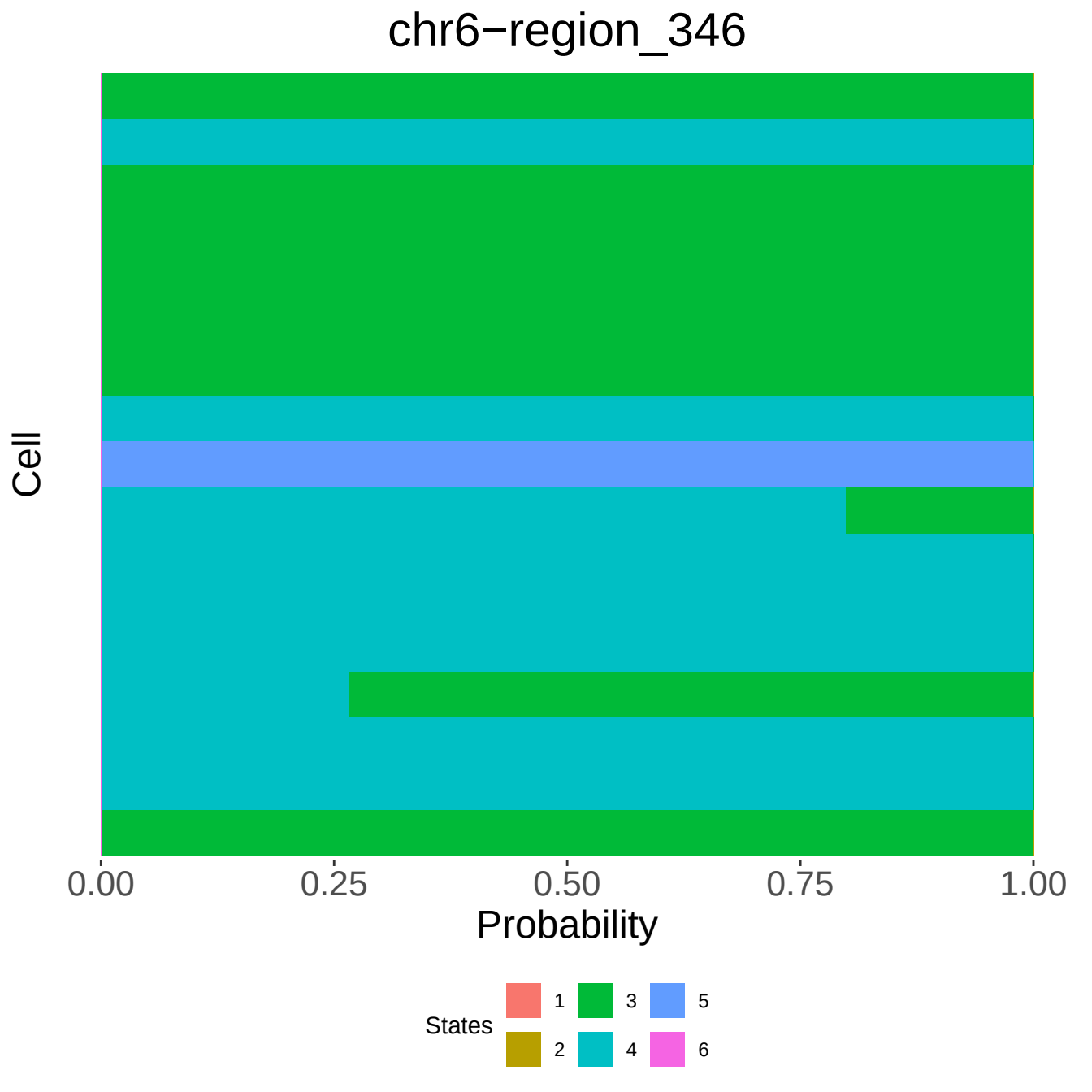

chr5−region_336
Cell
0.00
0.25
0.50
0.75
1.00
Probability
States
1
3
5
2
4
6

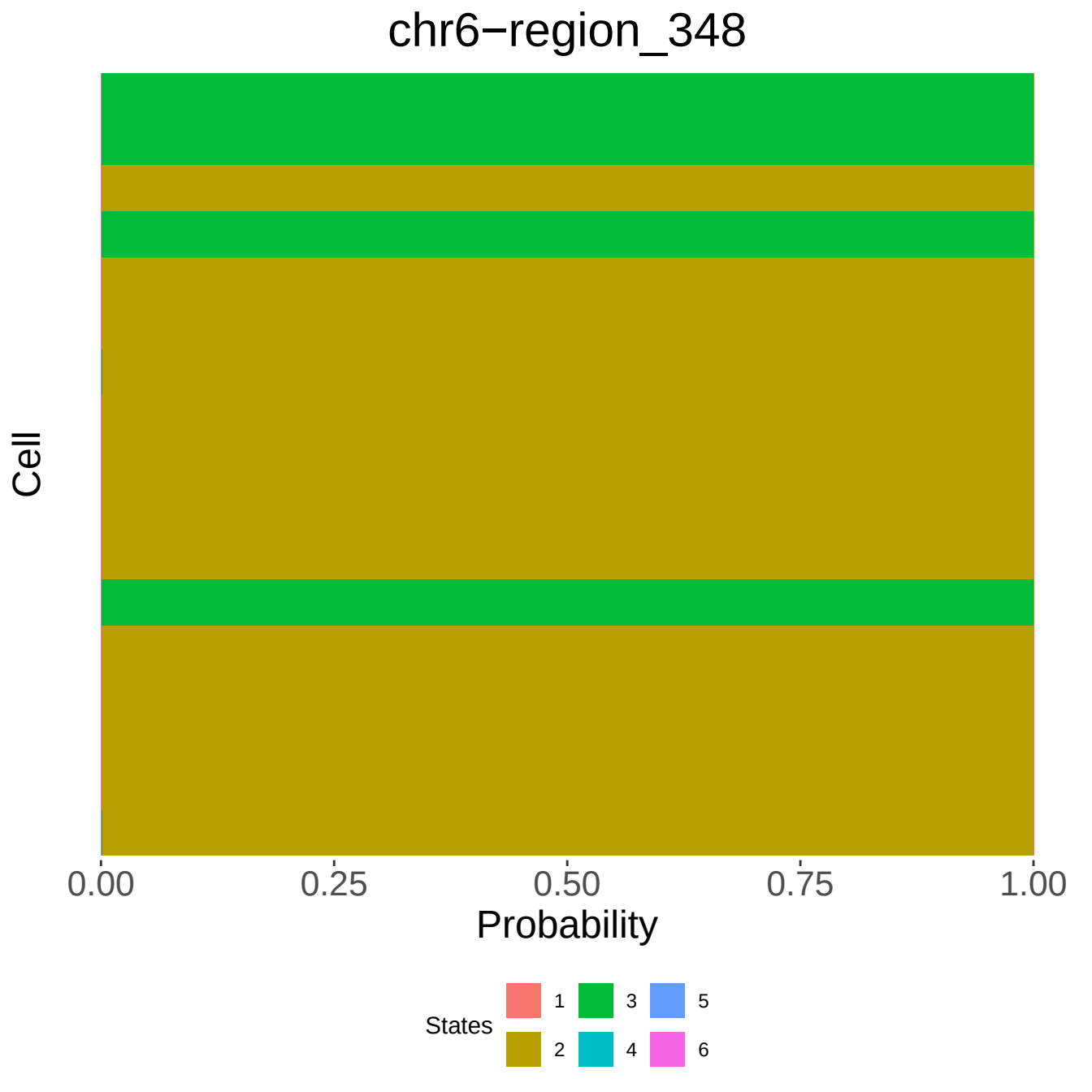

chr5−region_338
Cell
0.00
0.25
0.50
0.75
1.00
Probability
States
1
2
3
4
5
6

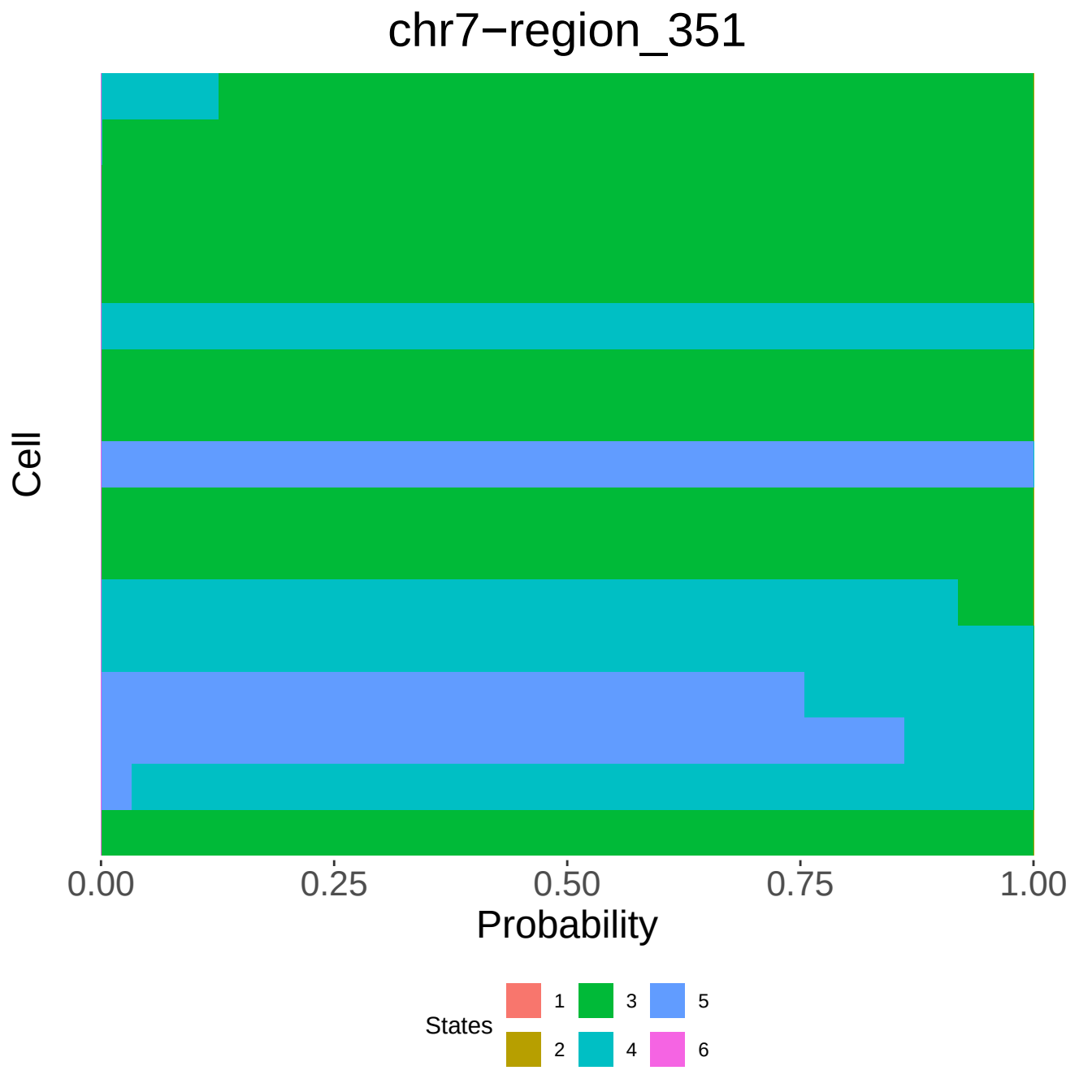

chr6−region_340
Cell
0.00
0.25
0.50
0.75
1.00
Probability
States
1
2
3
4
5
6


chr6−region_342
Cell
0.00
0.25
0.50
0.75
1.00
Probability
States
1
3
5
2
4
6


chr6−region_344
Cell
0.00
0.25
0.50
0.75
1.00
Probability
States
1
2
3
4
5
6


chr6−region_346
Cell
0.00
0.25
0.50
0.75
1.00
Probability
States
1
2
3
4
5
6


chr6−region_348
Cell
0.00
0.25
0.50
0.75
1.00
Probability
States
1
2
3
4
5
6


chr7−region_351
Cell
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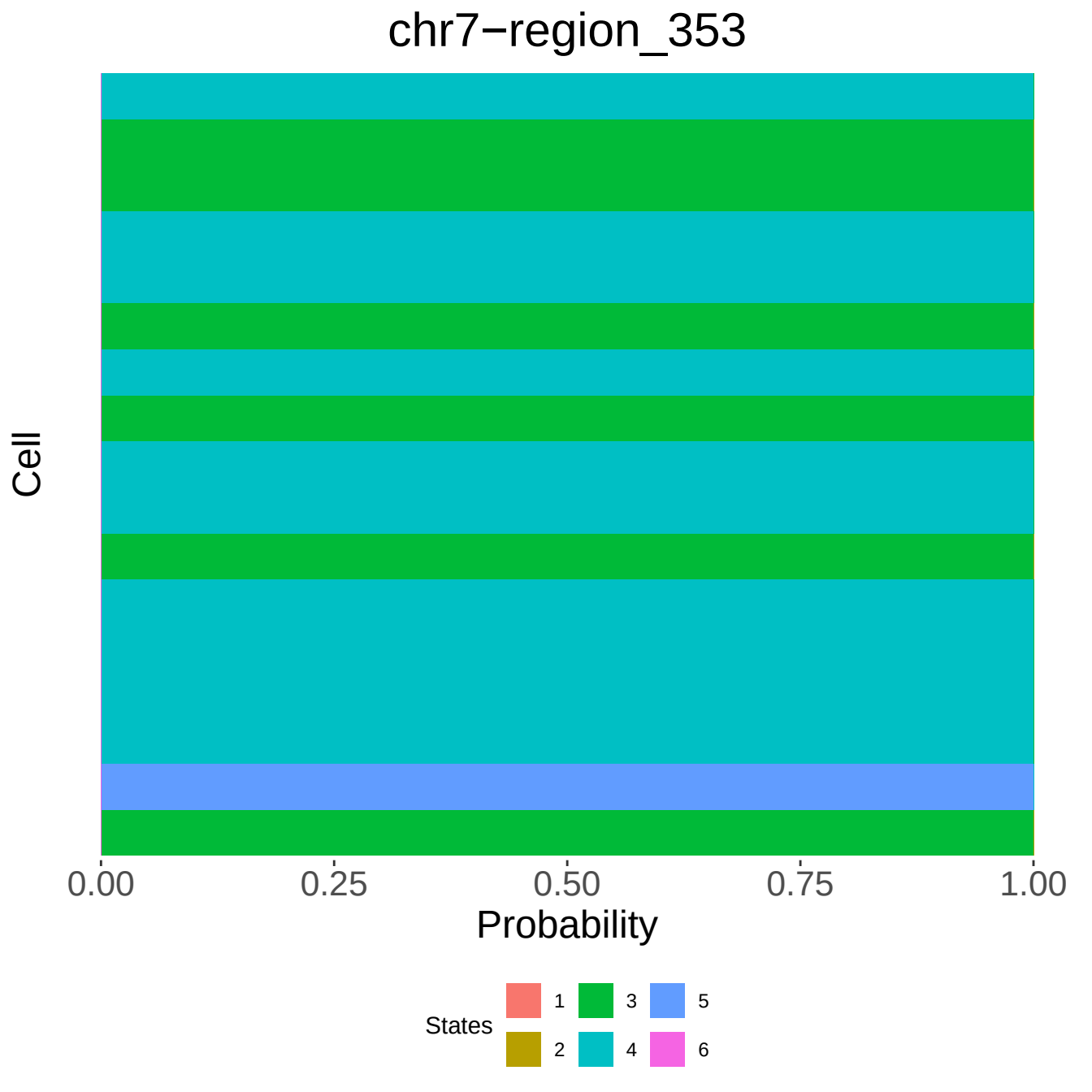
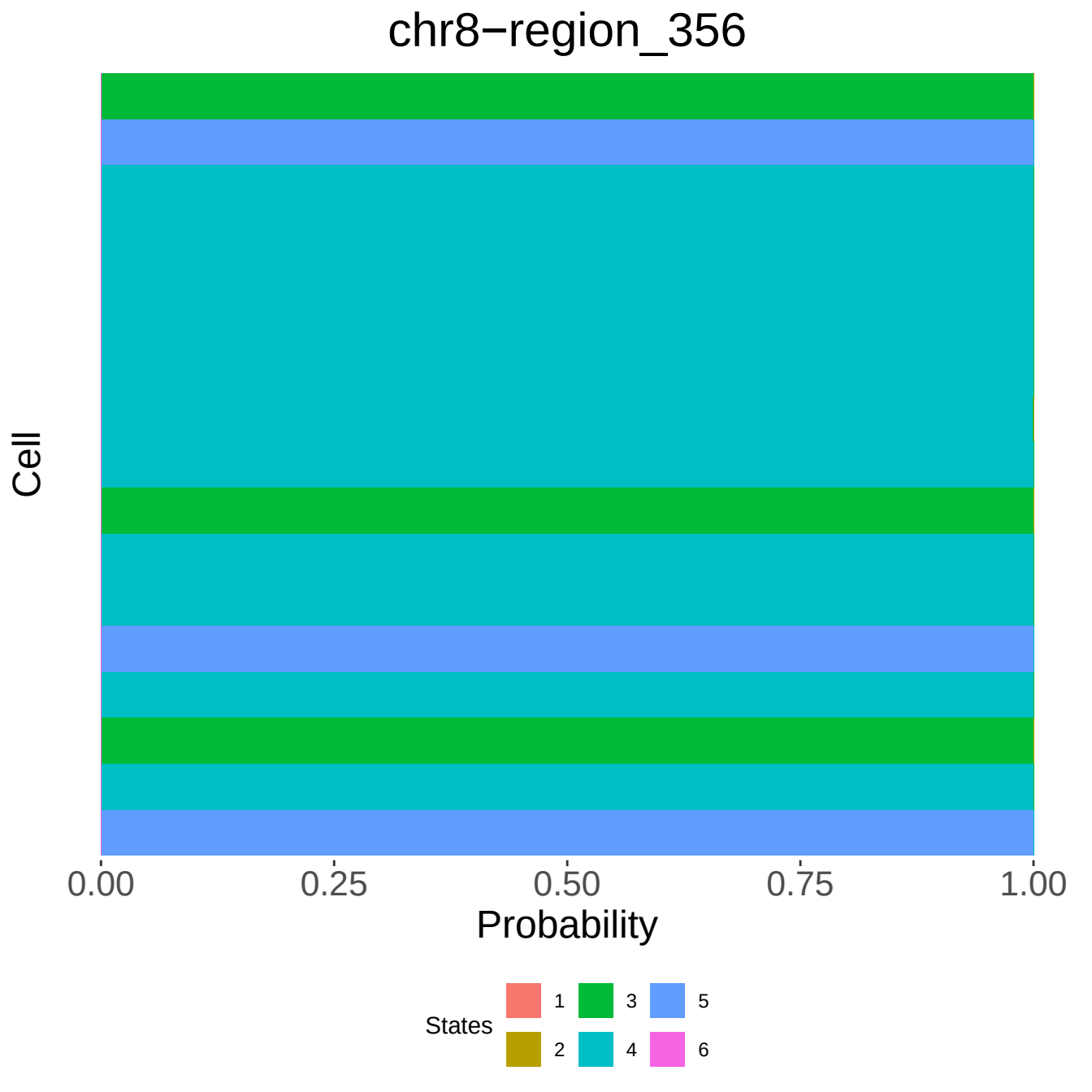
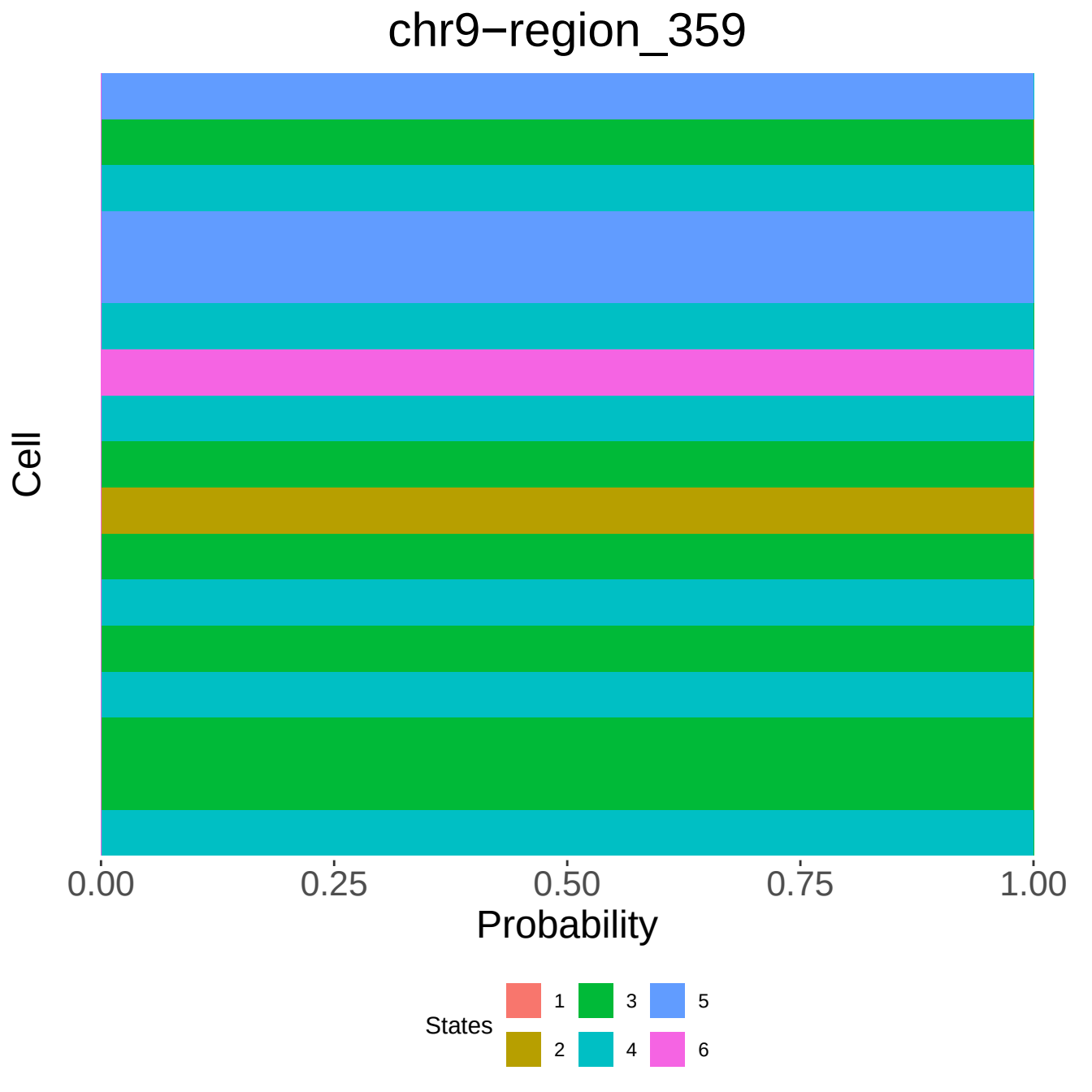
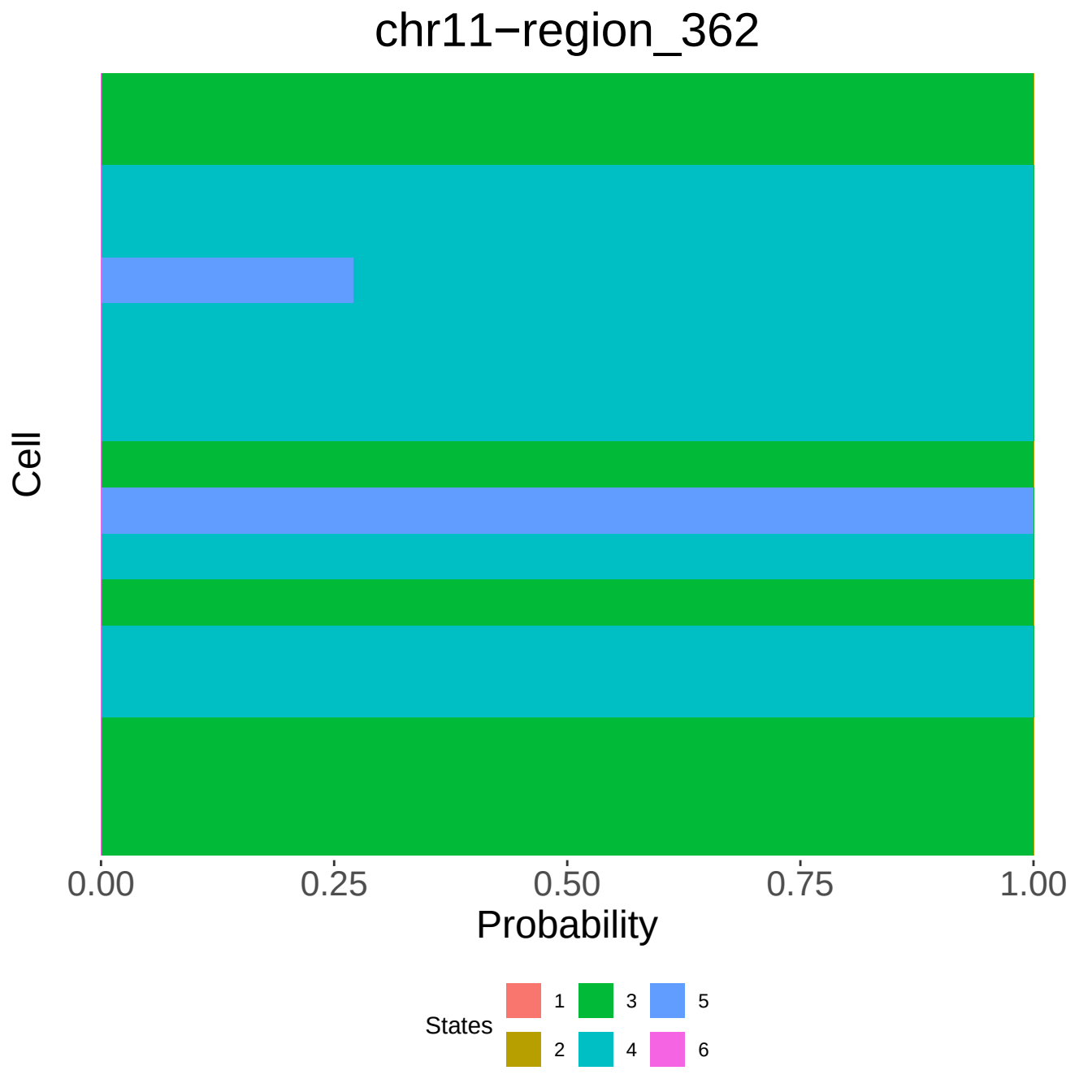
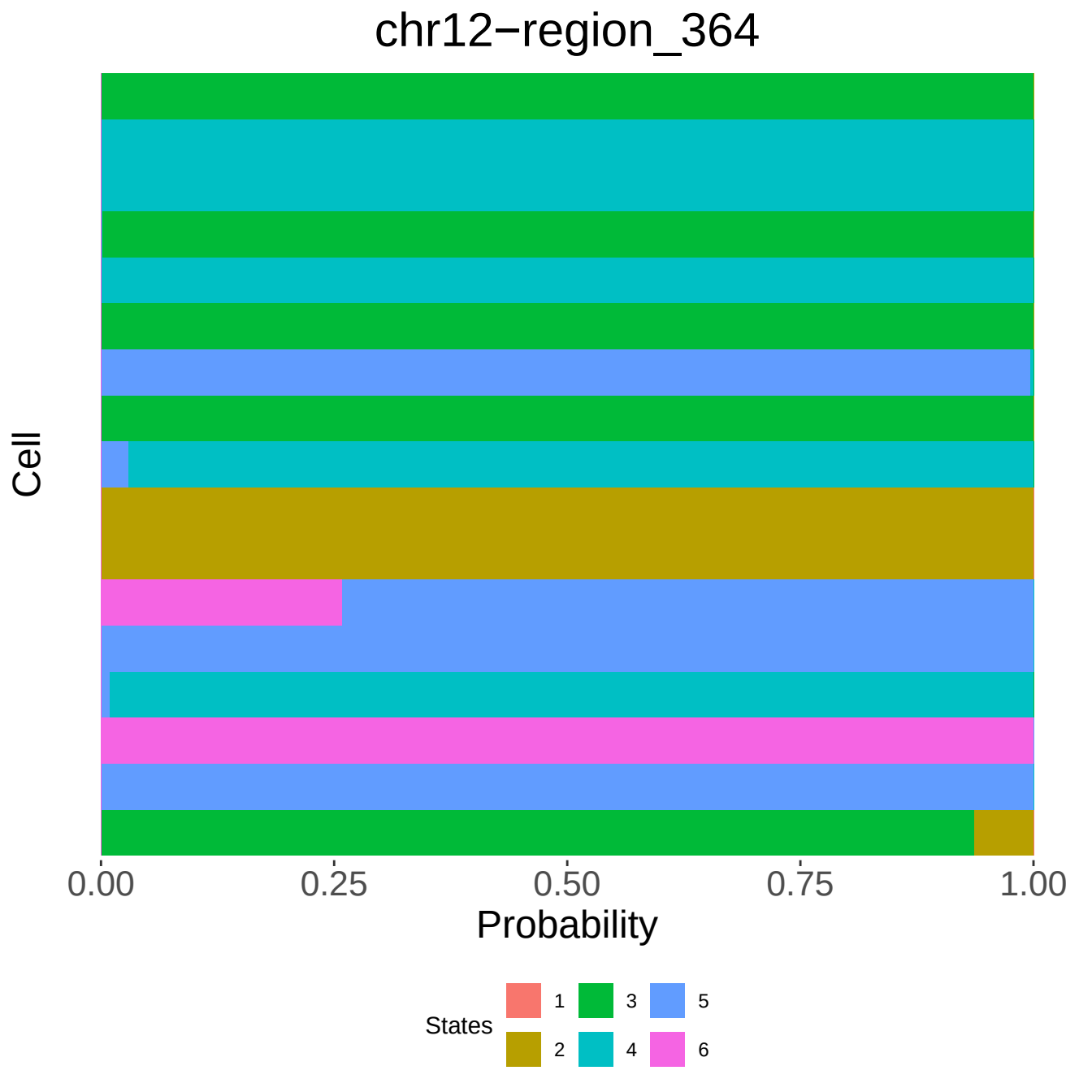
0.25
0.50
0.75
1.00
Probability
States
1
2
3
4
5
6

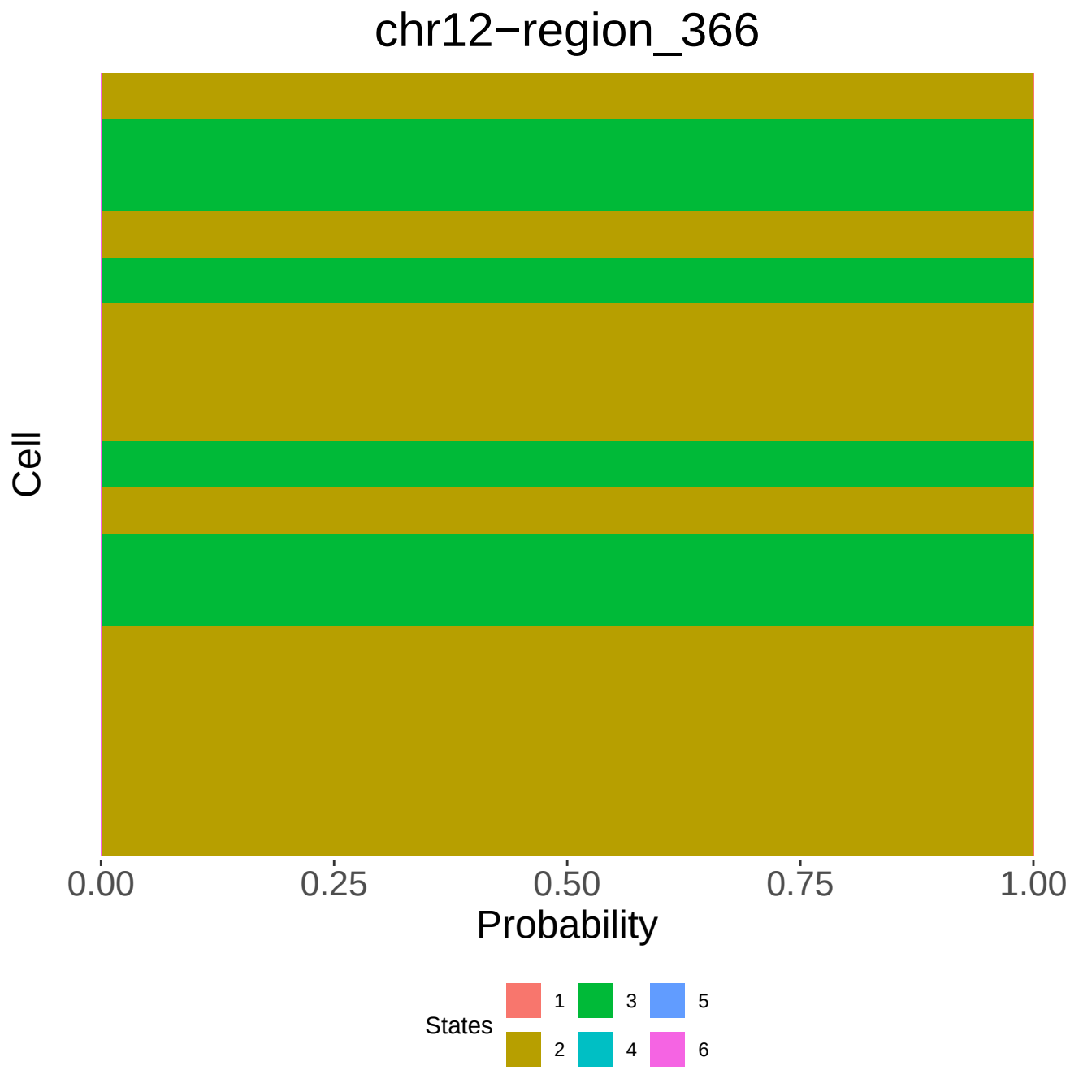

chr7−region_353
Cell
0.00
0.25
0.50
0.75
1.00
Probability
States
1
2
3
4
5
6

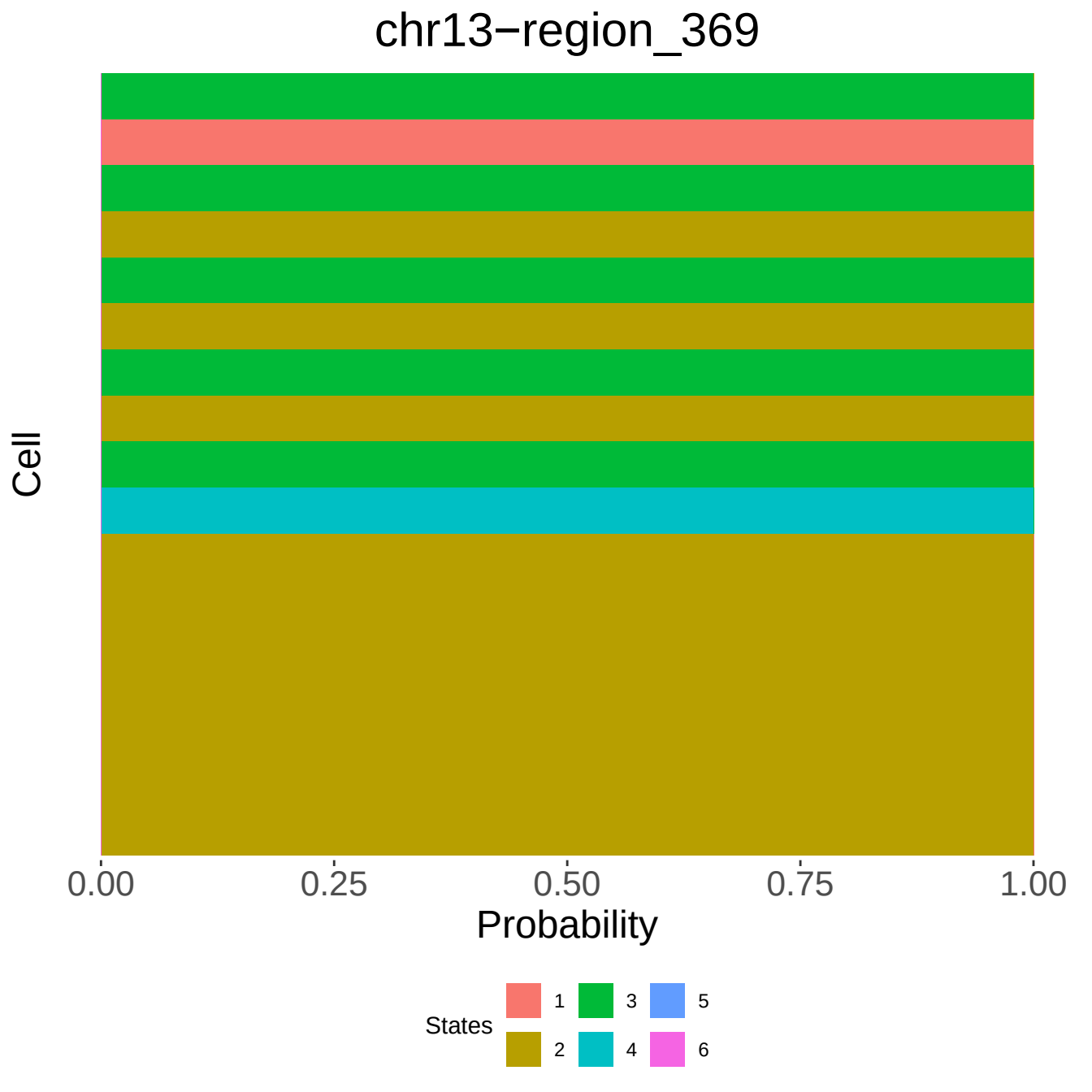

chr8−region_356
Cell
0.00
0.25
0.50
0.75
1.00
Probability
States
1
2
3
4
5
6

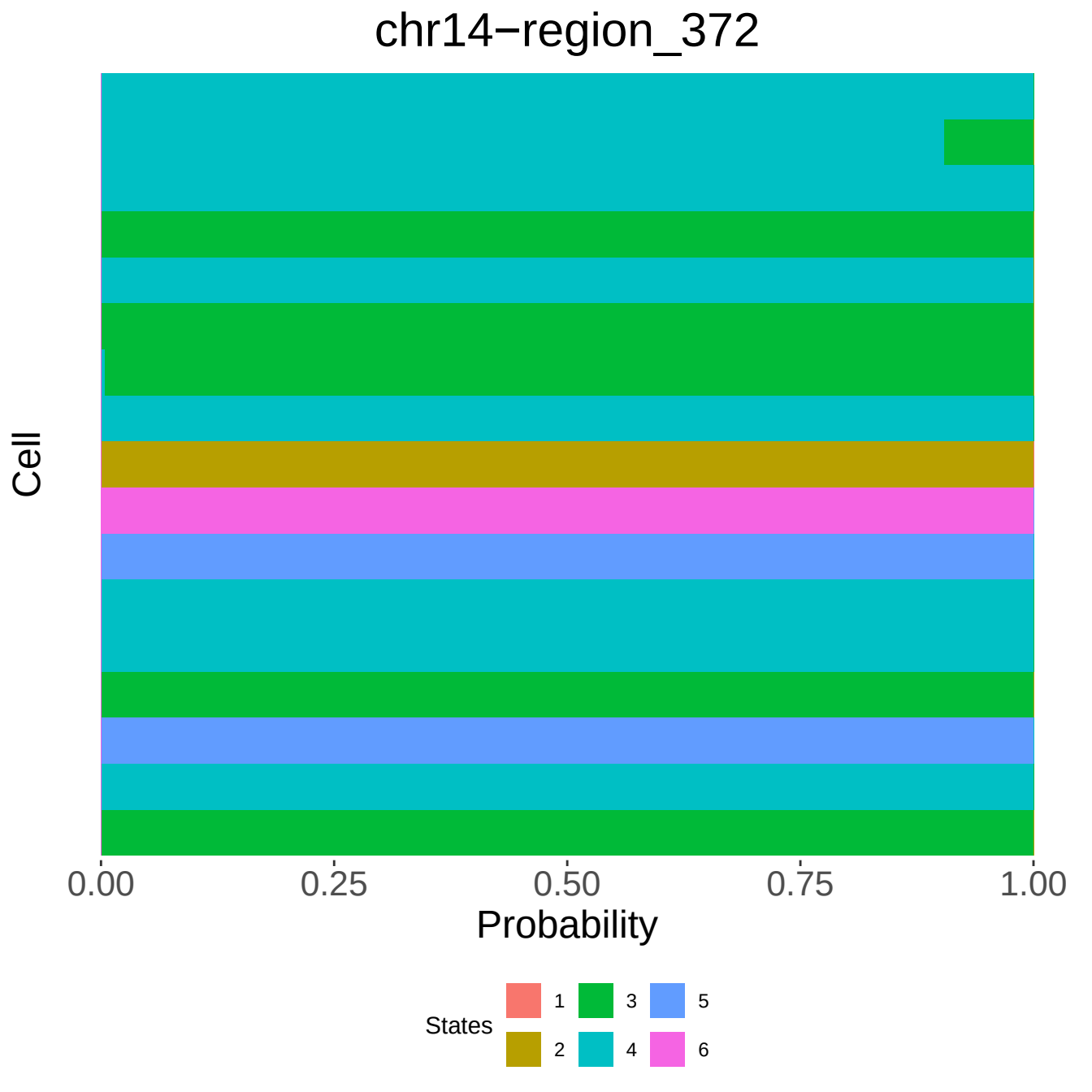

chr9−region_359
Cell
0.00
0.25
0.50
0.75
1.00
Probability
States
1
3
5
2
4
6


chr11−region_362
Cell
0.00
0.25
0.50
0.75
1.00
Probability
States
1
2
3
4
5
6


chr12−region_364
Cell
0.00
0.25
0.50
0.75
1.00
Probability
States
1
3
5
2
4
6


chr12−region_366
Cell
0.00
0.25
0.50
0.75
1.00
Probability
States
1
2
3
4
5
6


chr13−region_369
Cell
0.00
0.25
0.50
0.75
1.00
Probability
States
1
2
3
4
5
6


chr14−region_372
Cell
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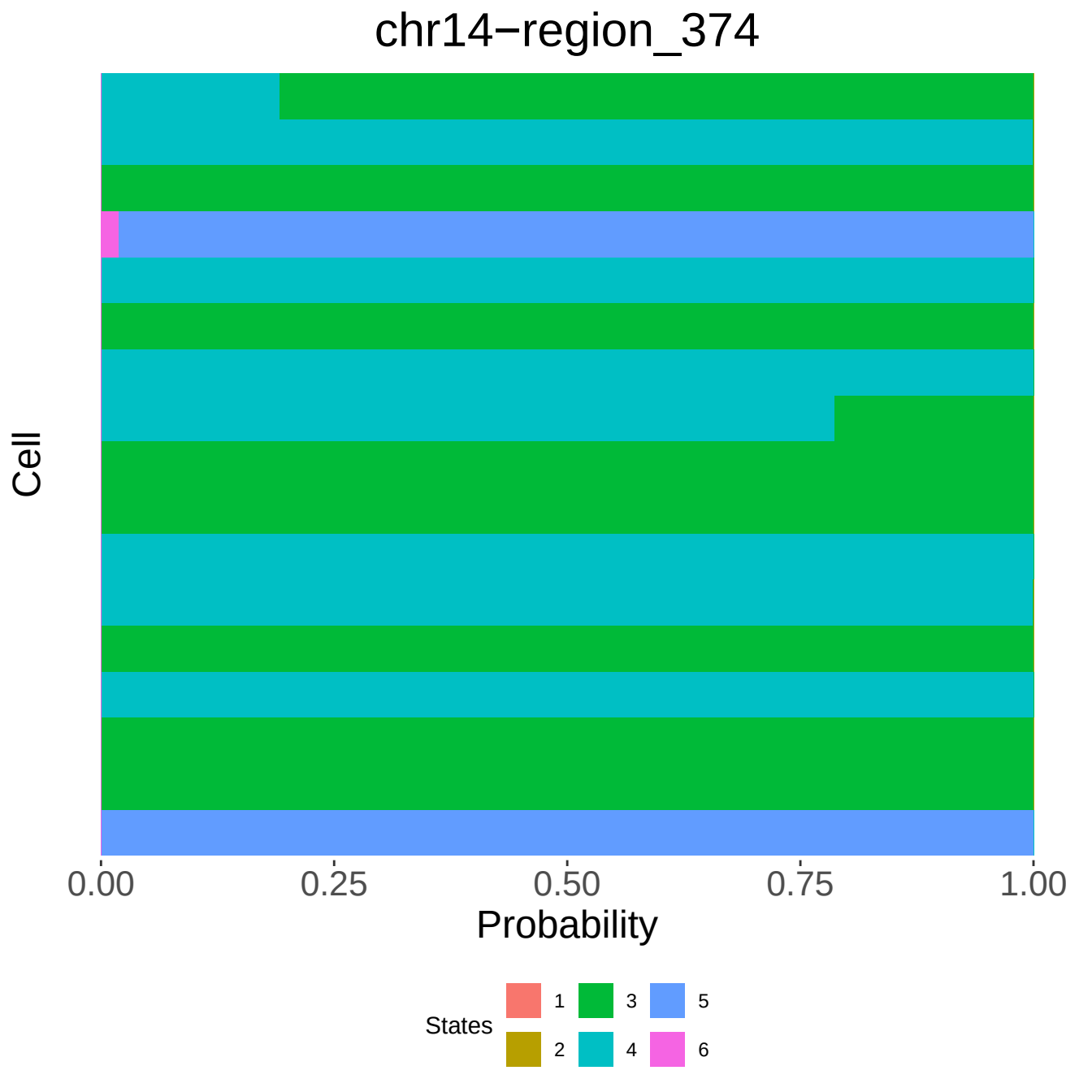
0.25
0.50
0.75
1.00
Probability
States
1
2
3
4
5
6


chr14−region_374
Cell
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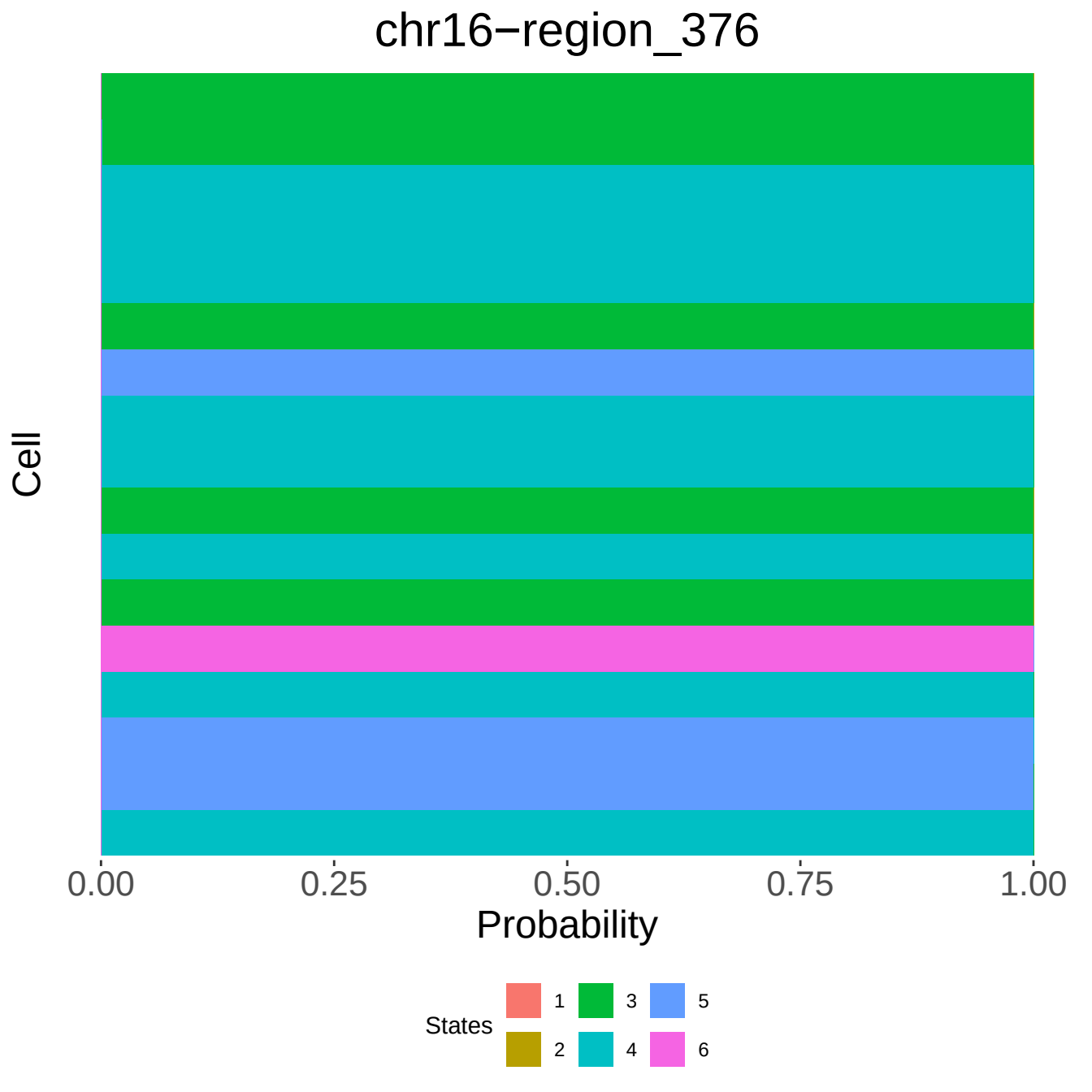
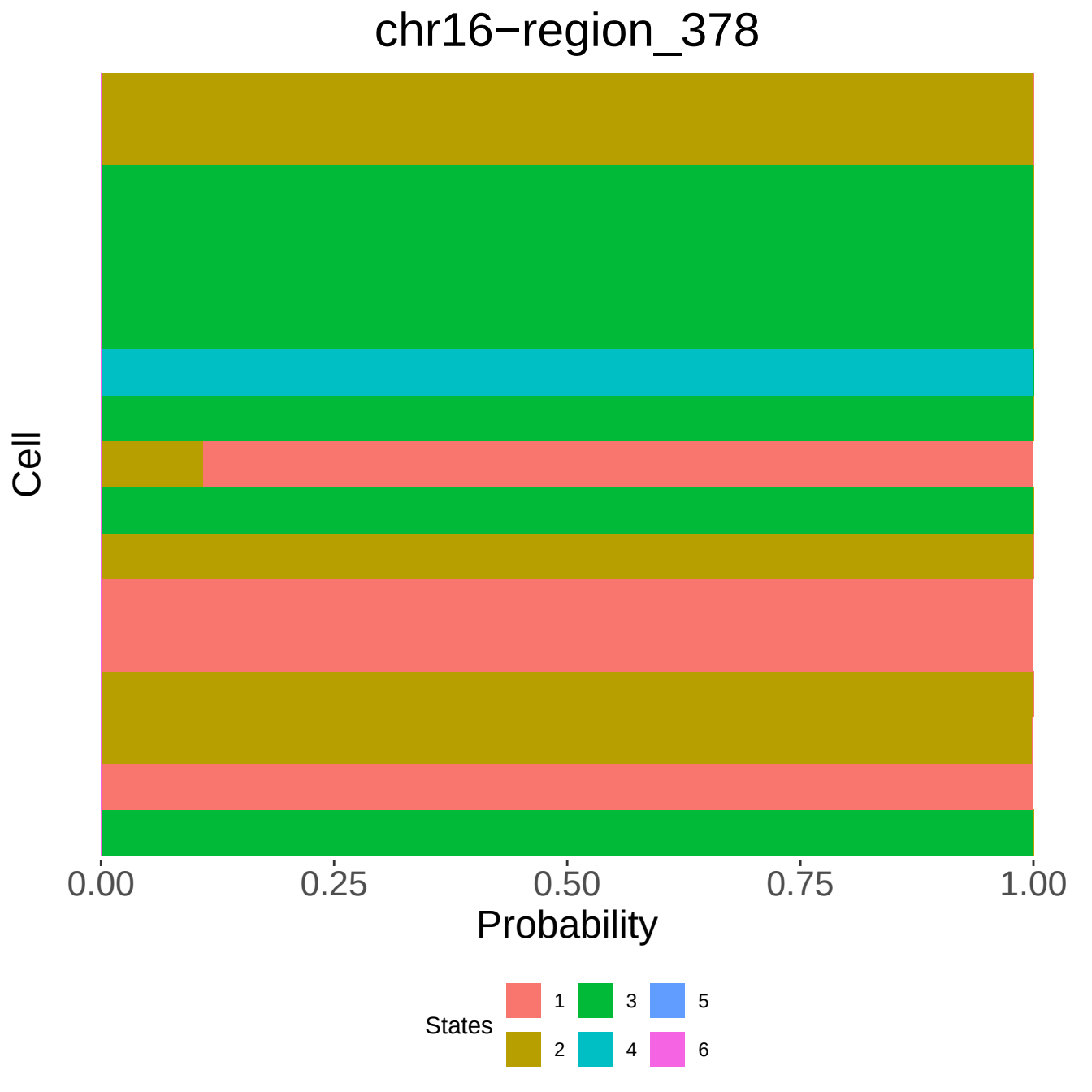
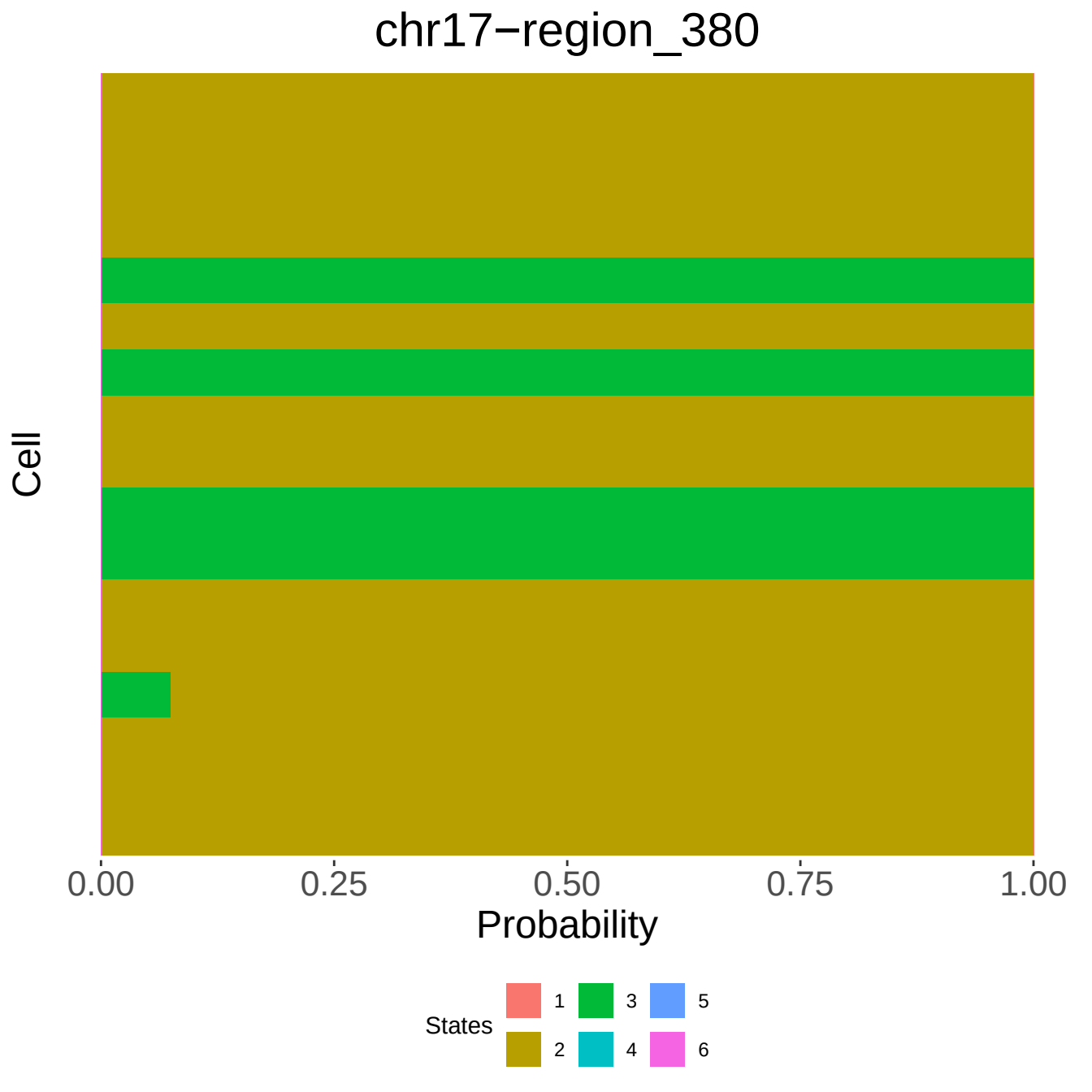
0.25
0.50
0.75
1.00
Probability
States
1
2
3
4
5
6


chr16−region_376
Cell
0.00
0.25
0.50
0.75
1.00
Probability
States
1
2
3
4
5
6


chr16−region_378
Cell
0.00
0.25
0.50
0.75
1.00
Probability
States
1
2
3
4
5
6


chr17−region_380
Cell
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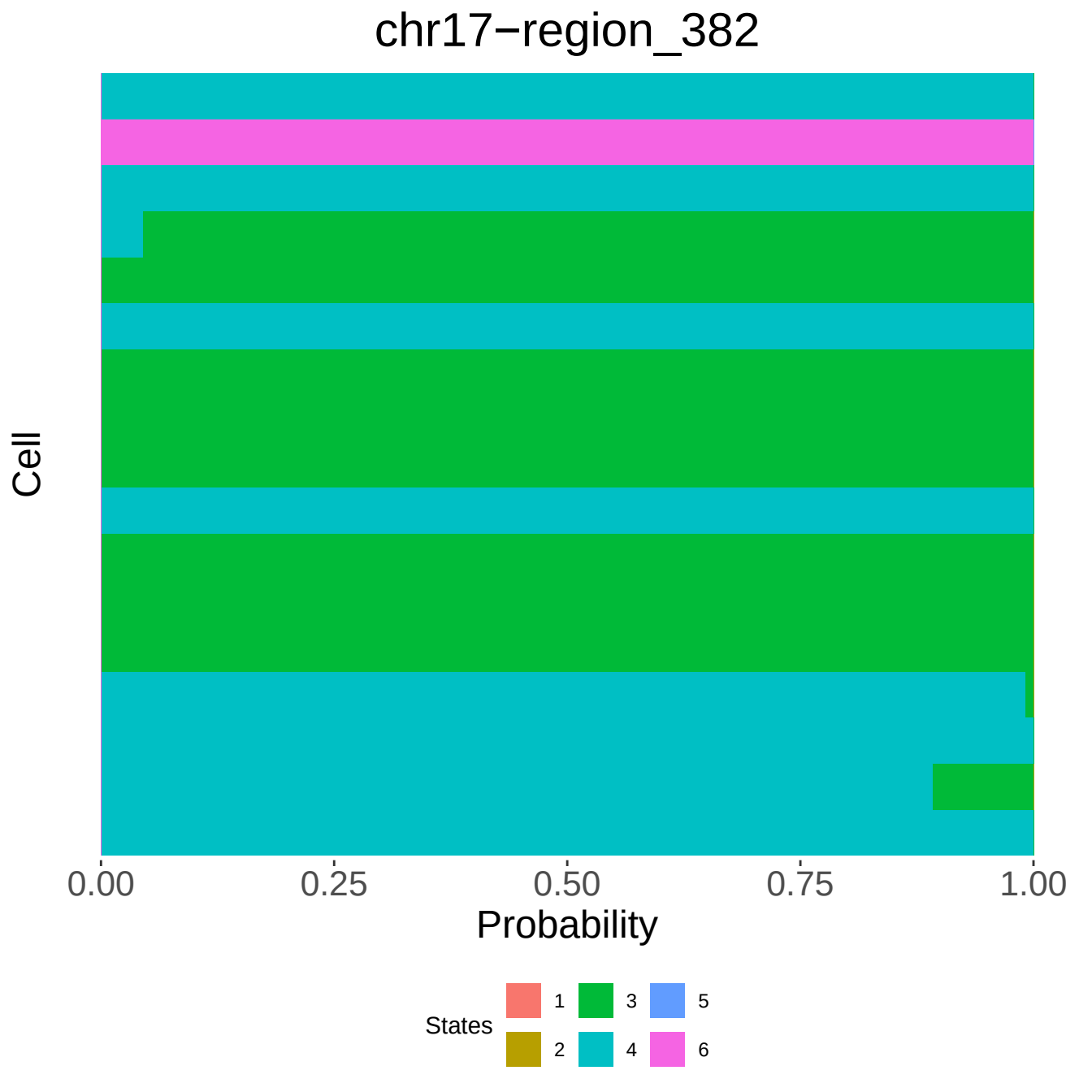
0.25
0.50
0.75
1.00
Probability
States
1
2
3
4
5
6


chr17−region_382
Cell
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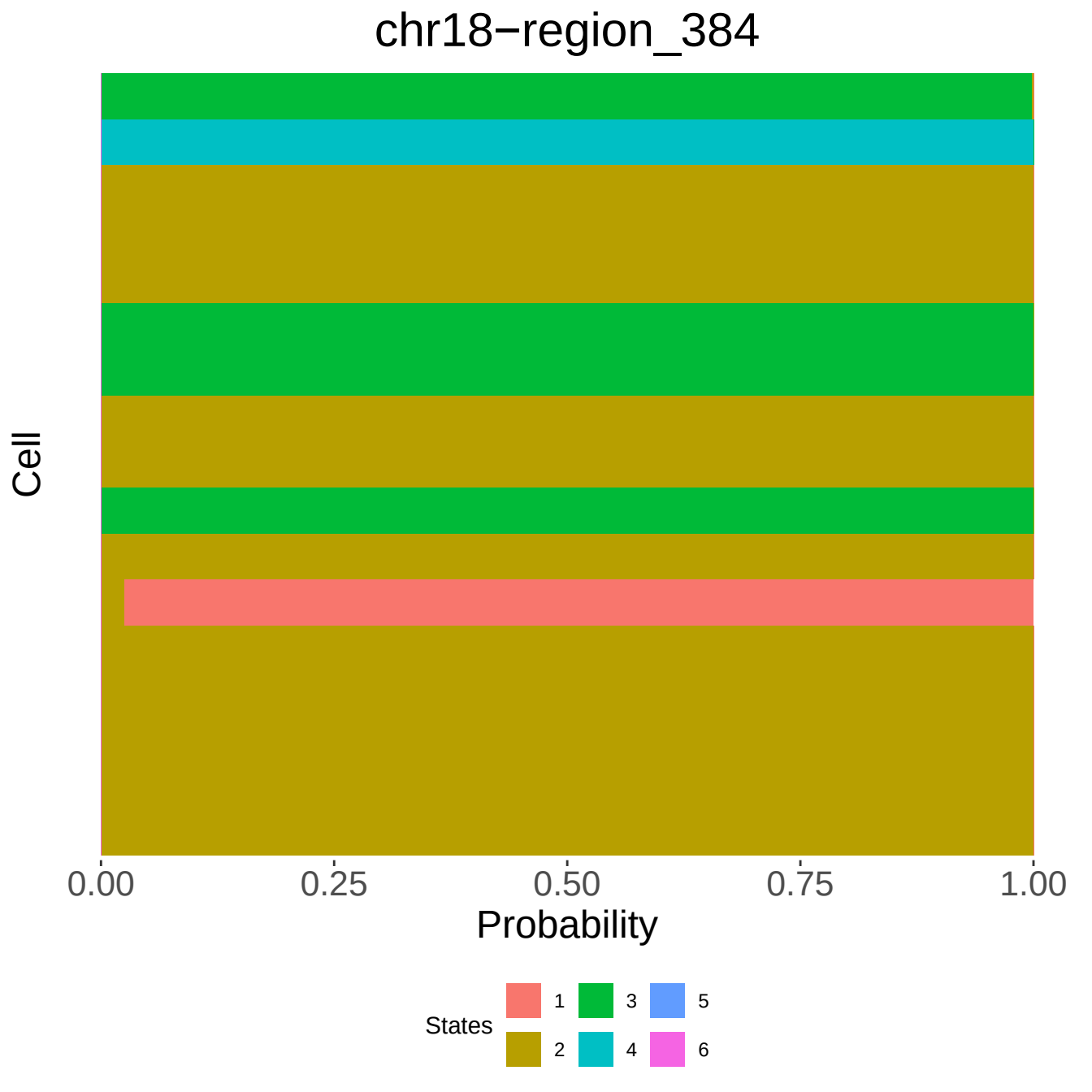
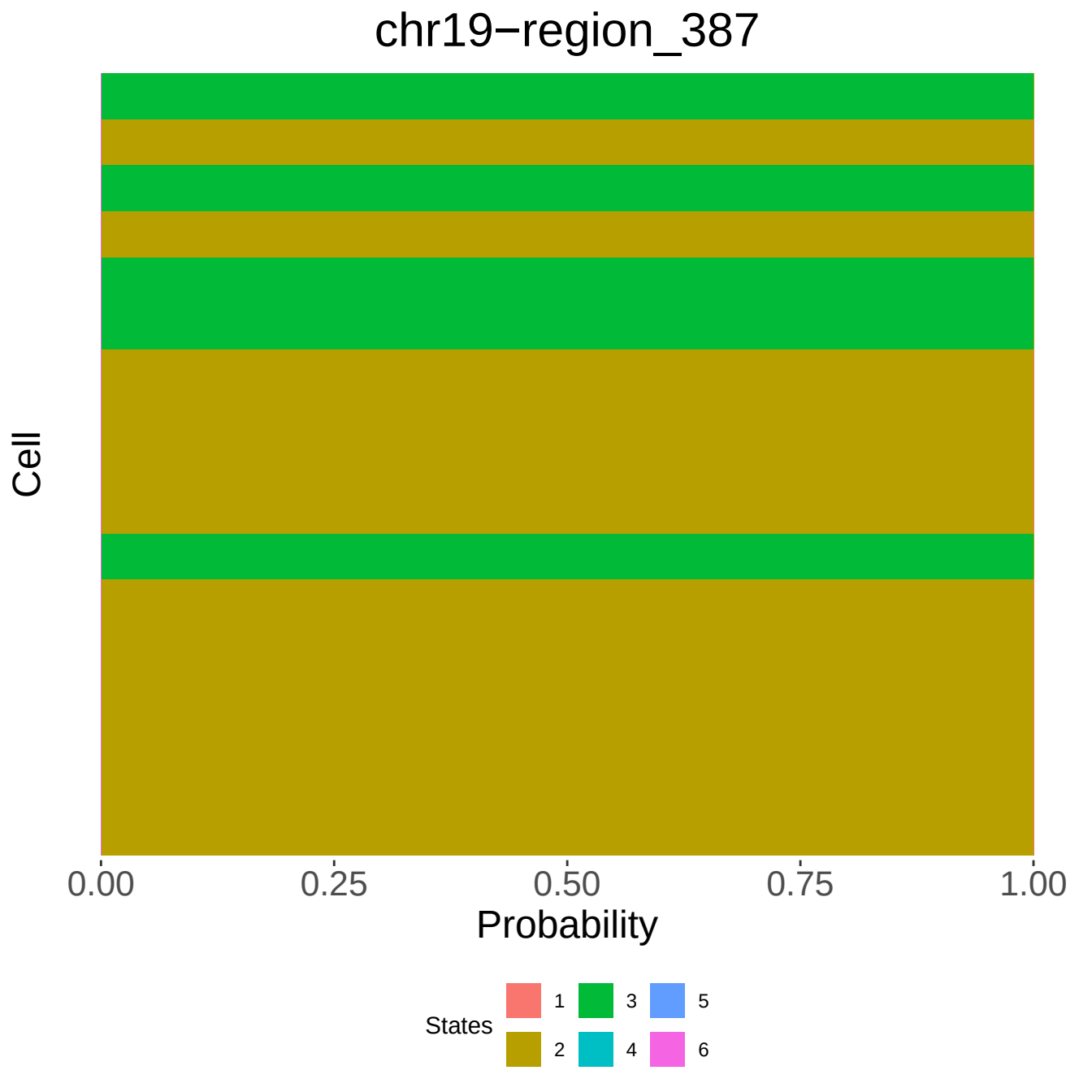
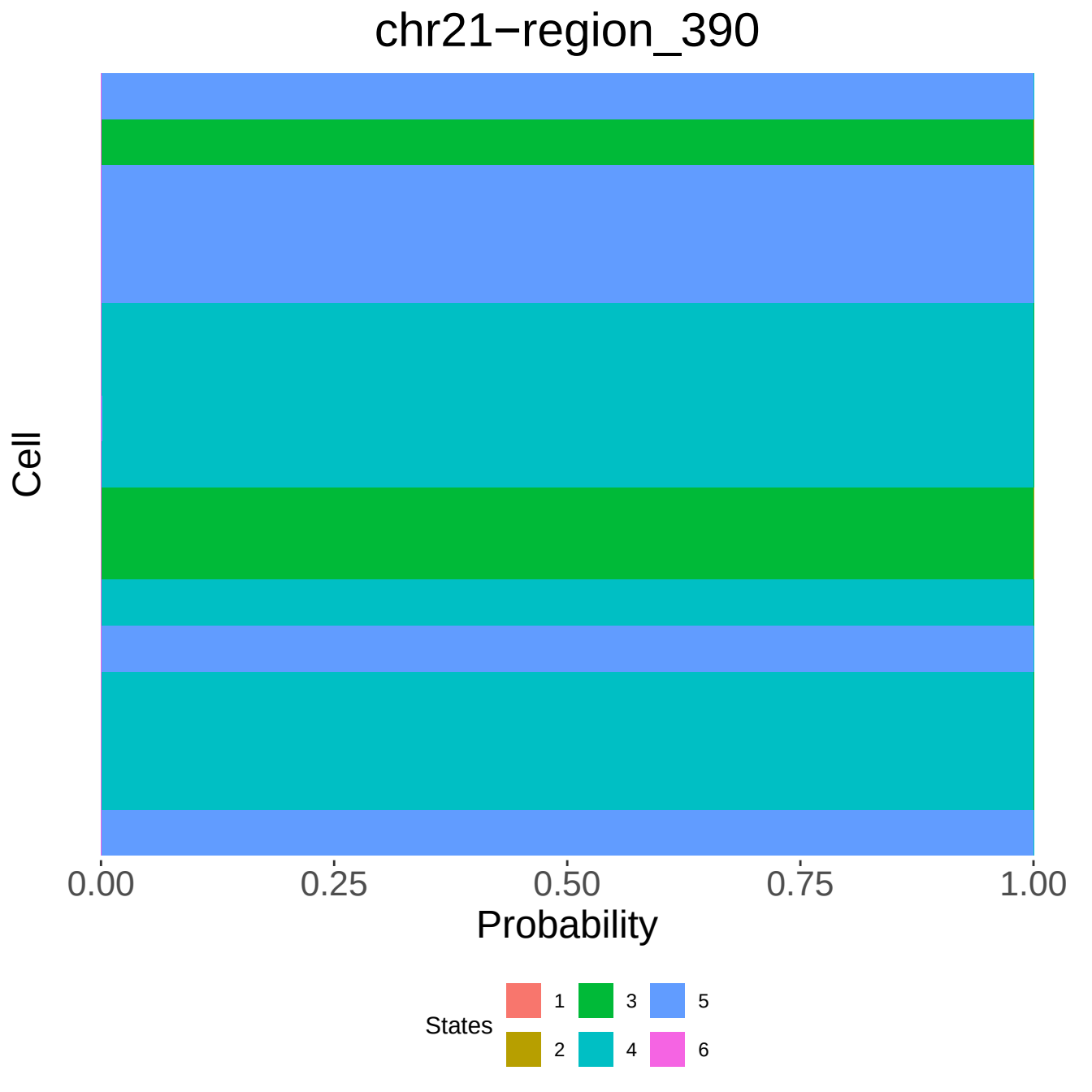
0.25
0.50
0.75
1.00
Probability
States
1
2
3
4
5
6


chr18−region_384
Cell
0.00
0.25
0.50
0.75
1.00
Probability
States
1
2
3
4
5
6


chr19−region_387
Cell
0.00
0.25
0.50
0.75
1.00
Probability
States
1
2
3
4
5
6


chr21−region_390
Cell
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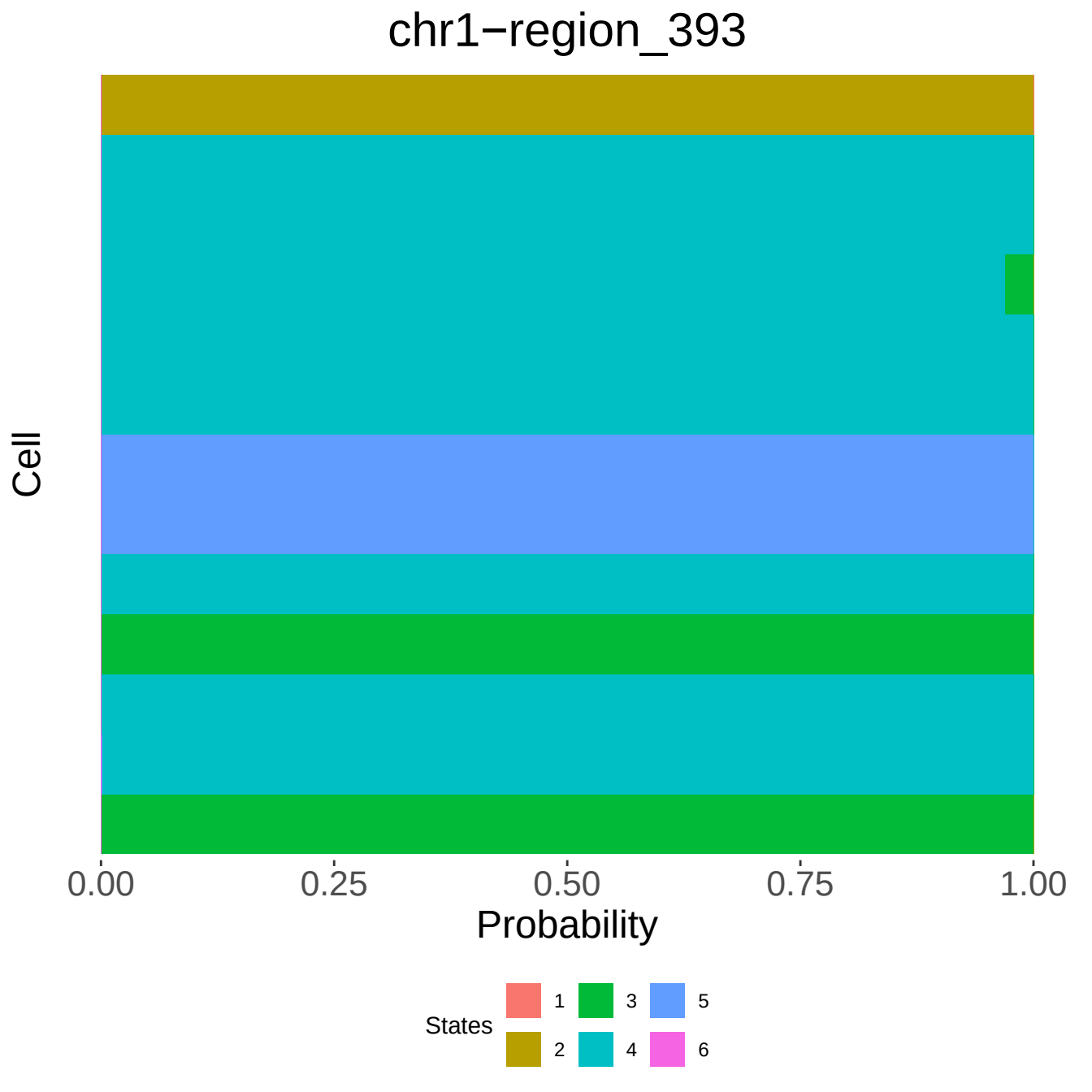
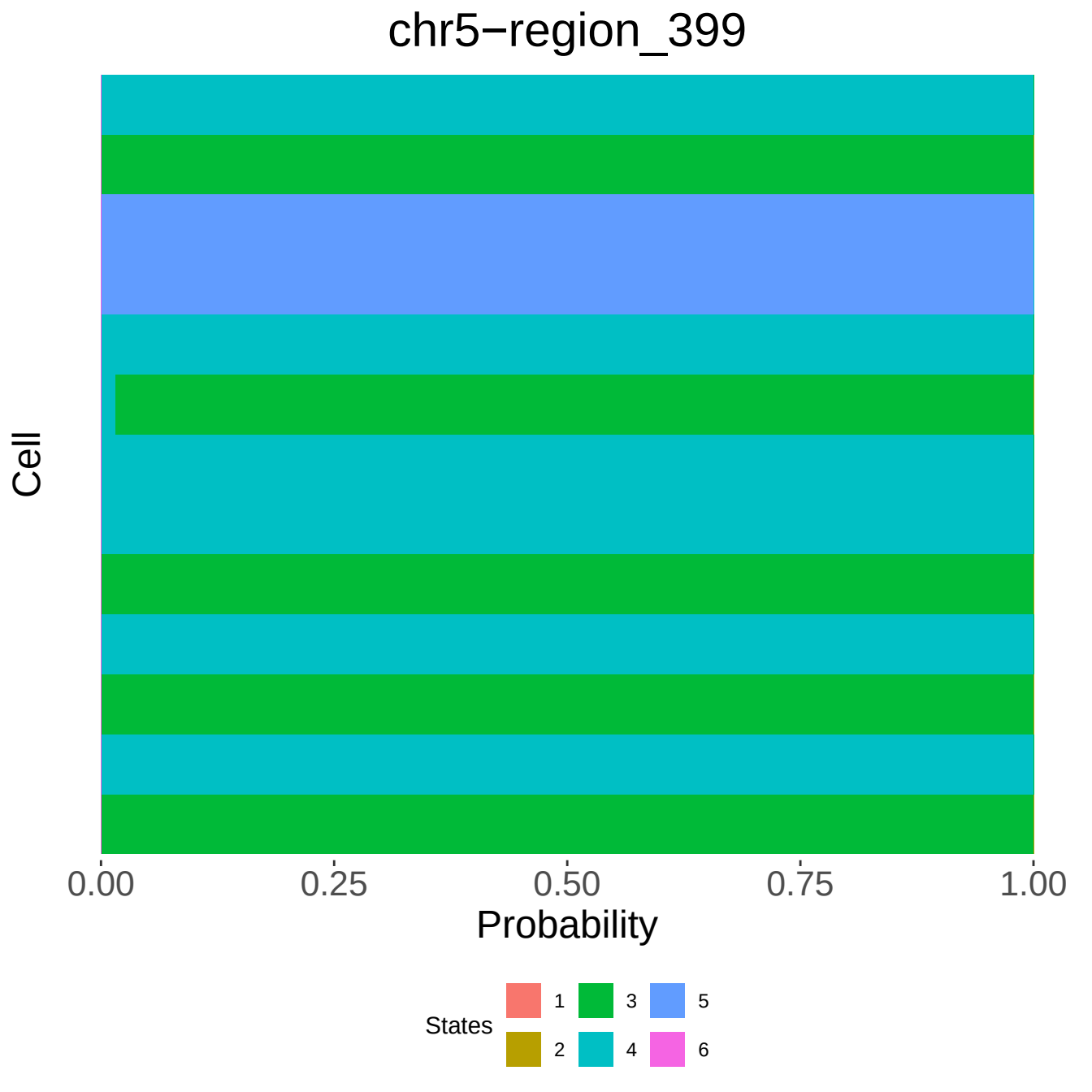
0.25
0.50
0.75
1.00
Probability
States
1
2
3
4
5
6


chr1−region_393
Cell
0.00
0.25
0.50
0.75
1.00
Probability
States
1
2
3
4
5
6


chr5−region_399
Cell
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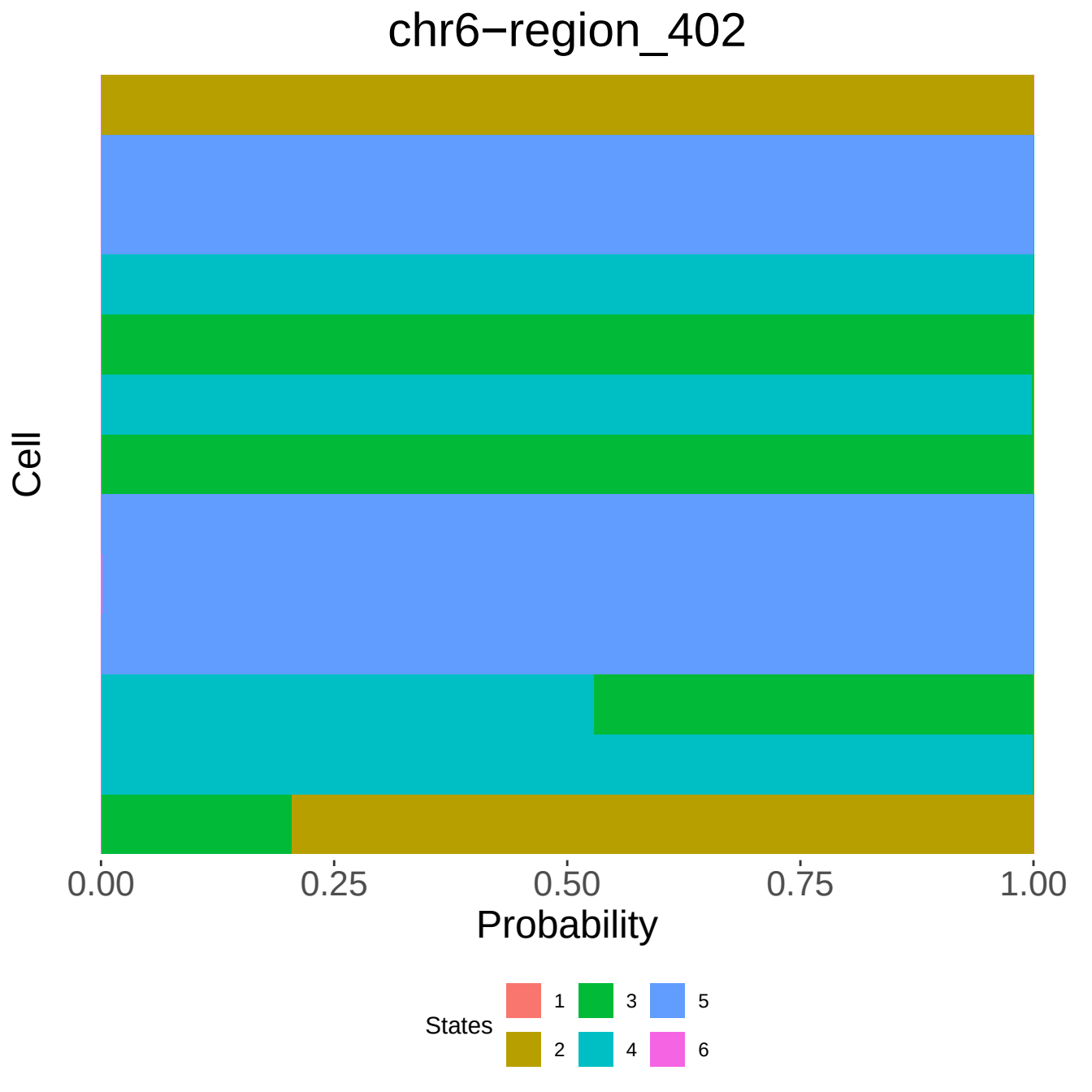
0.25
0.50
0.75
1.00
Probability
States
1
2
3
4
5
6


chr6−region_402
Cell
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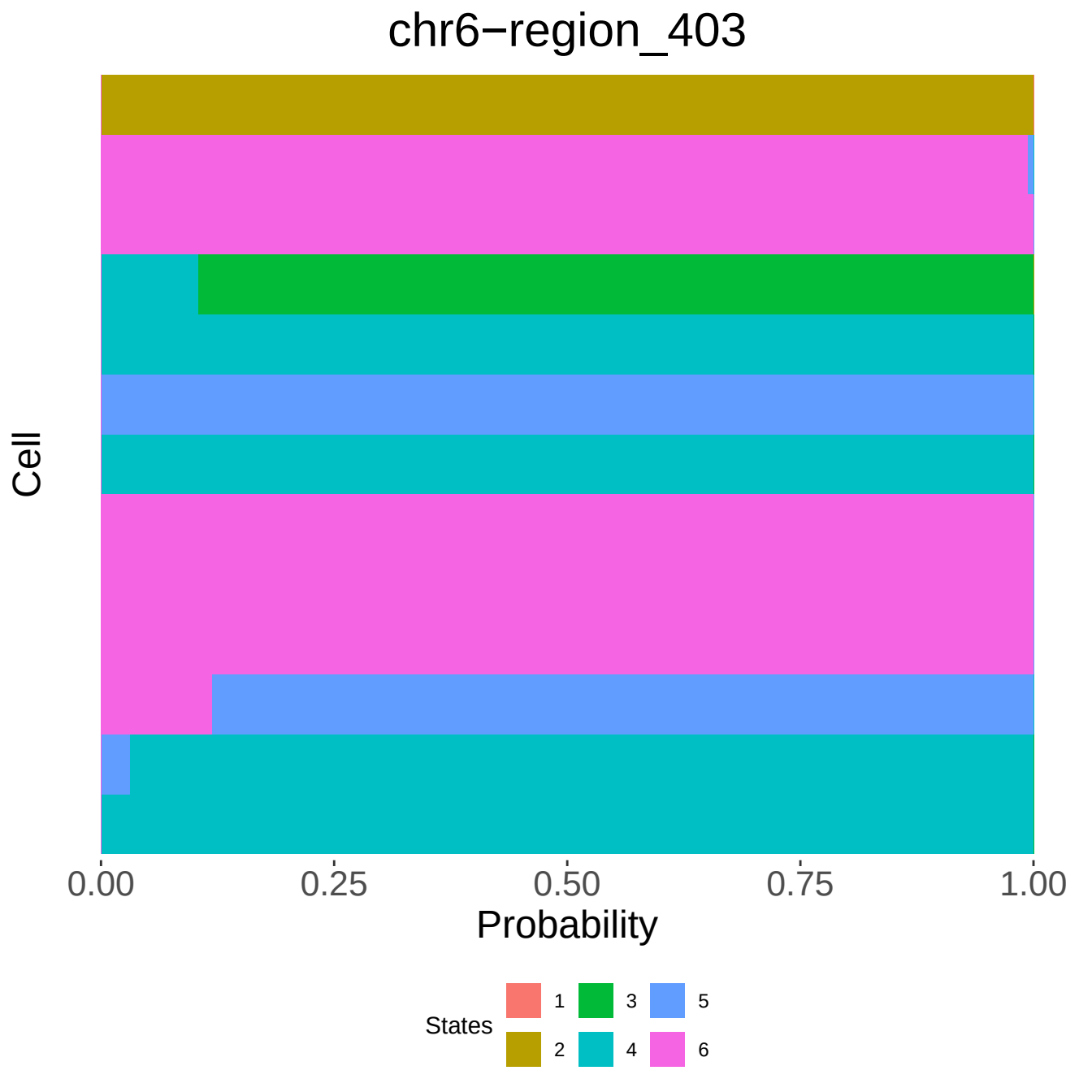
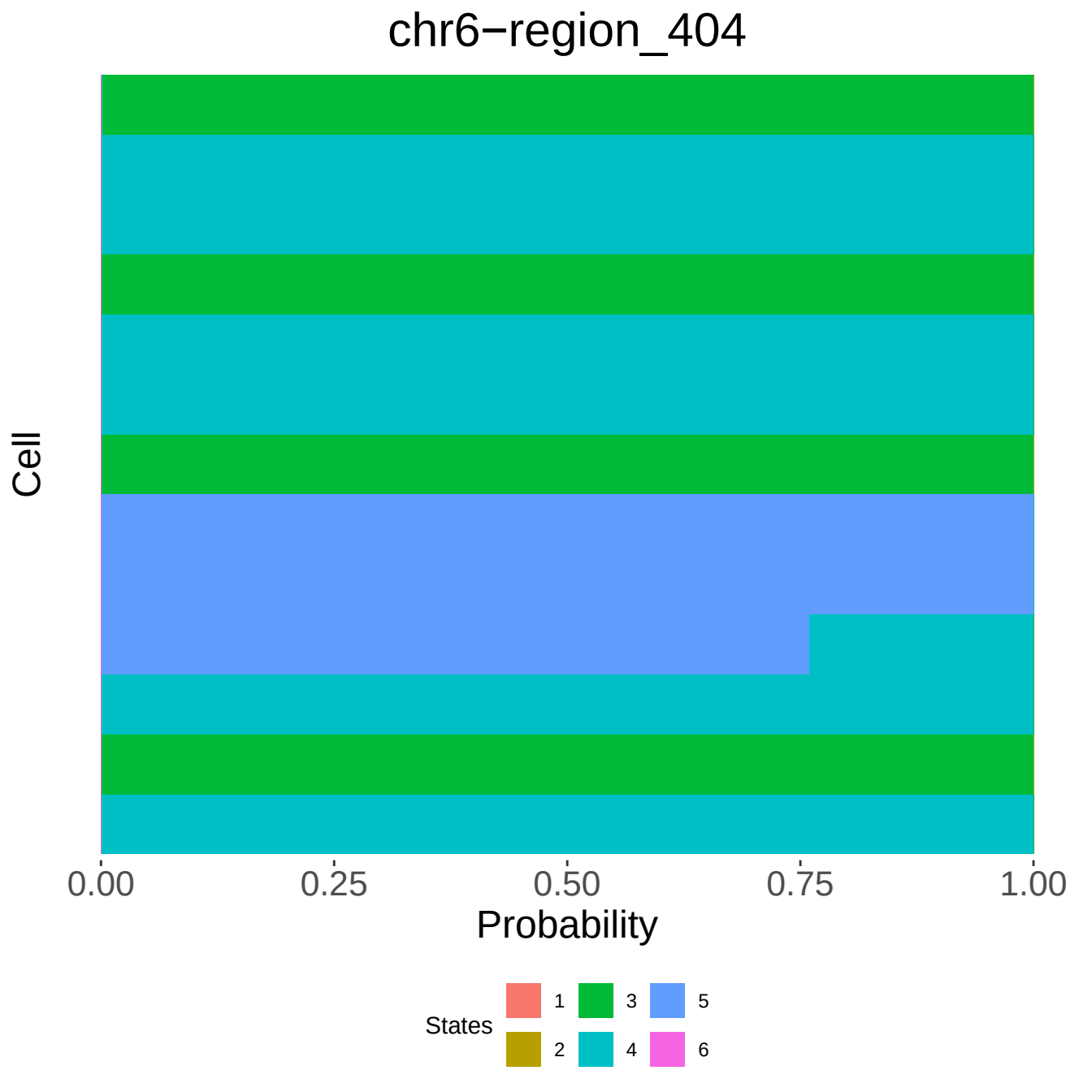
0.25
0.50
0.75
1.00
Probability
States
1
2
3
4
5
6


chr6−region_403
Cell
0.00
0.25
0.50
0.75
1.00
Probability
States
1
2
3
4
5
6


chr6−region_404
Cell
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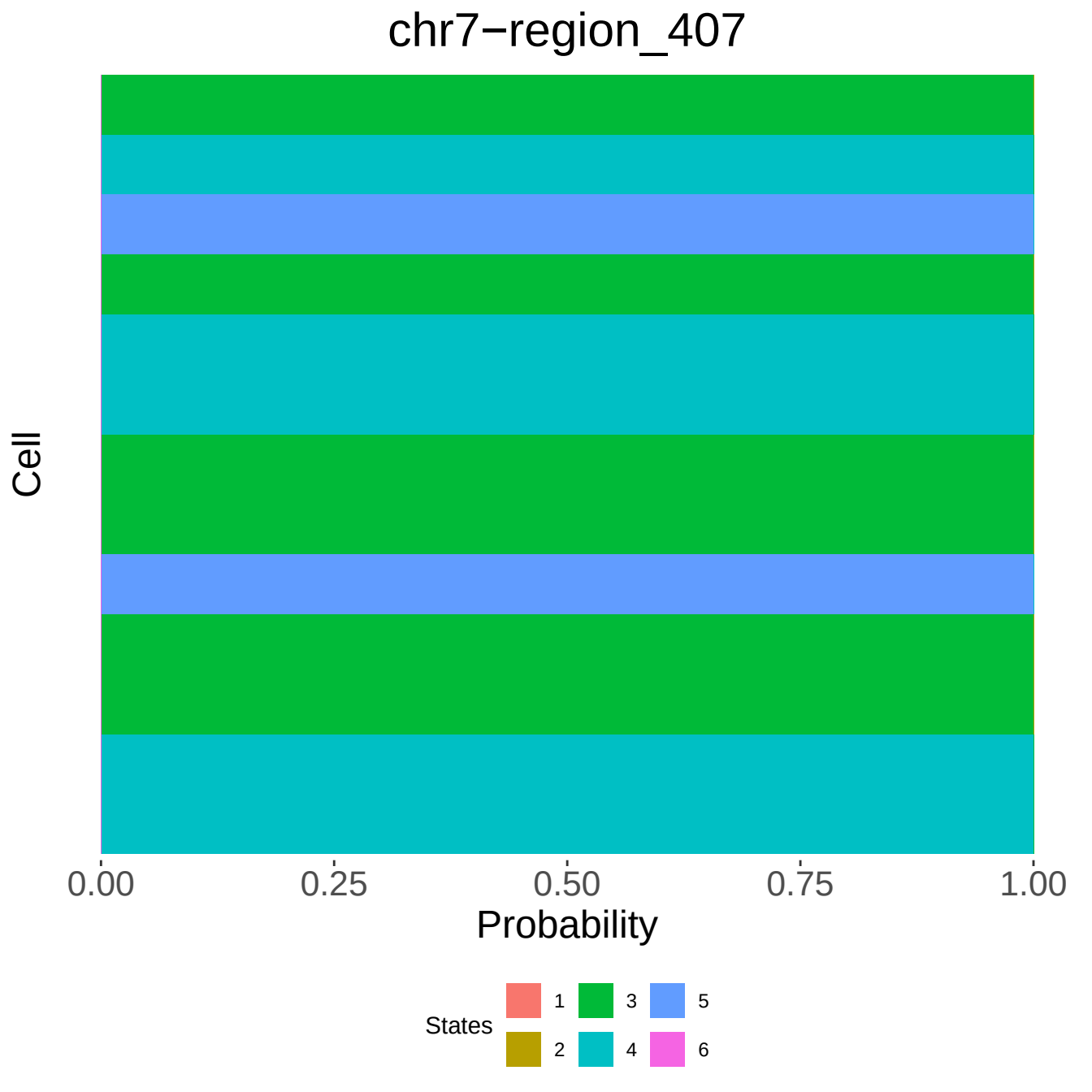
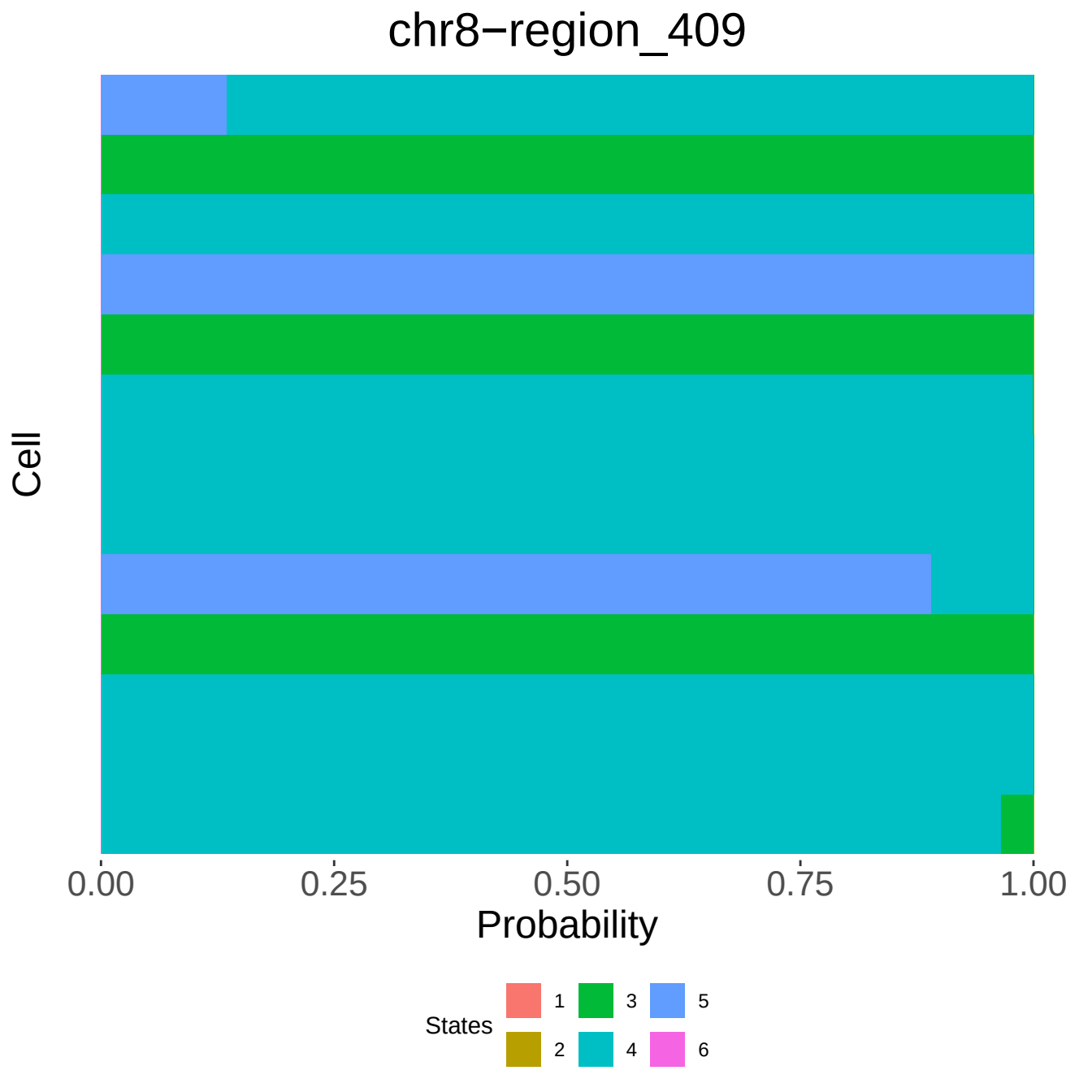
0.25
0.50
0.75
1.00
Probability
States
1
2
3
4
5
6


chr7−region_407
Cell
0.00
0.25
0.50
0.75
1.00
Probability
States
1
2
3
4
5
6


chr8−region_409
Cell
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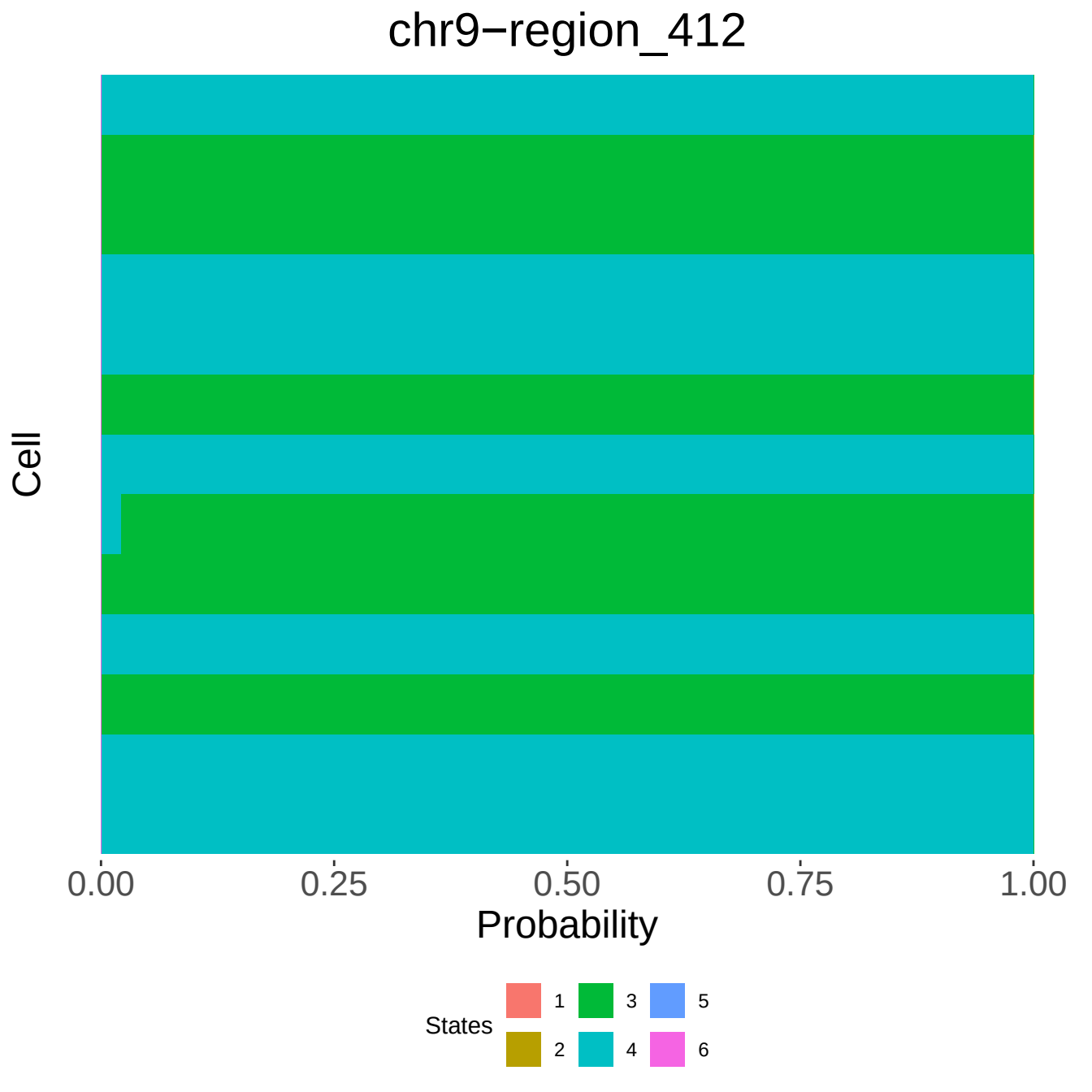
0.25
0.50
0.75
1.00
Probability
States
1
2
3
4
5
6


chr9−region_412
Cell
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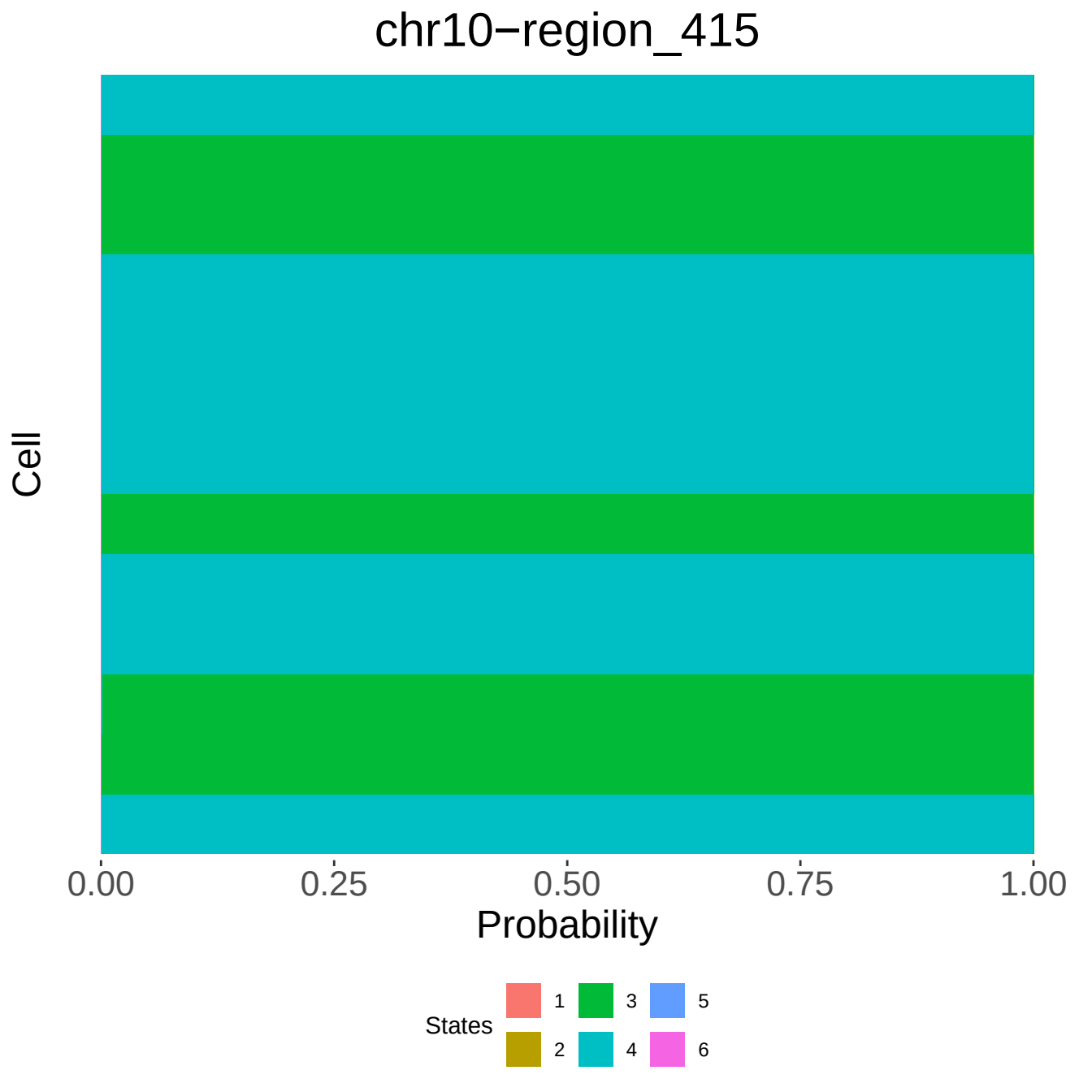
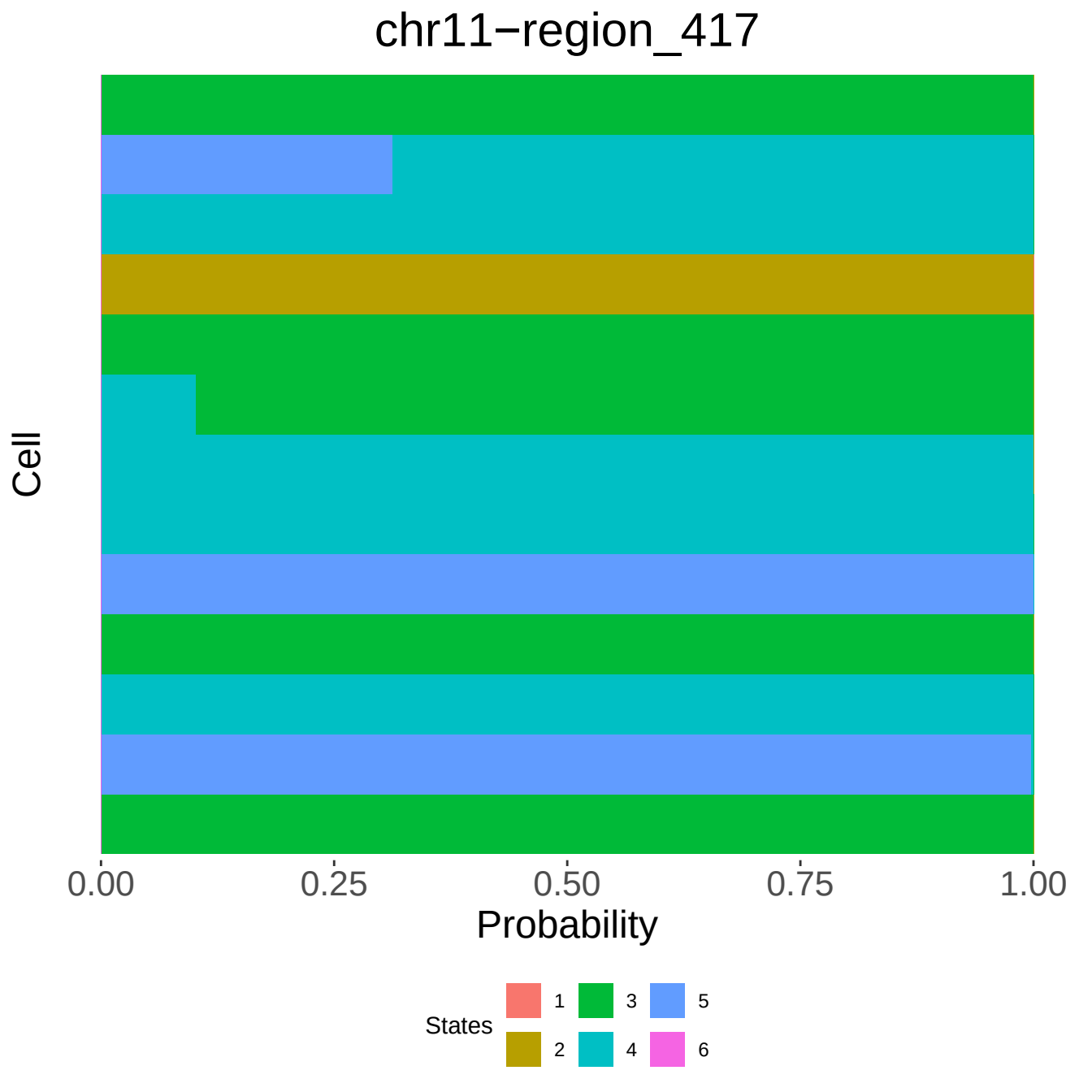
0.25
0.50
0.75
1.00
Probability
States
1
2
3
4
5
6


chr10−region_415
Cell
0.00
0.25
0.50
0.75
1.00
Probability
States
1
2
3
4
5
6


chr11−region_417
Cell
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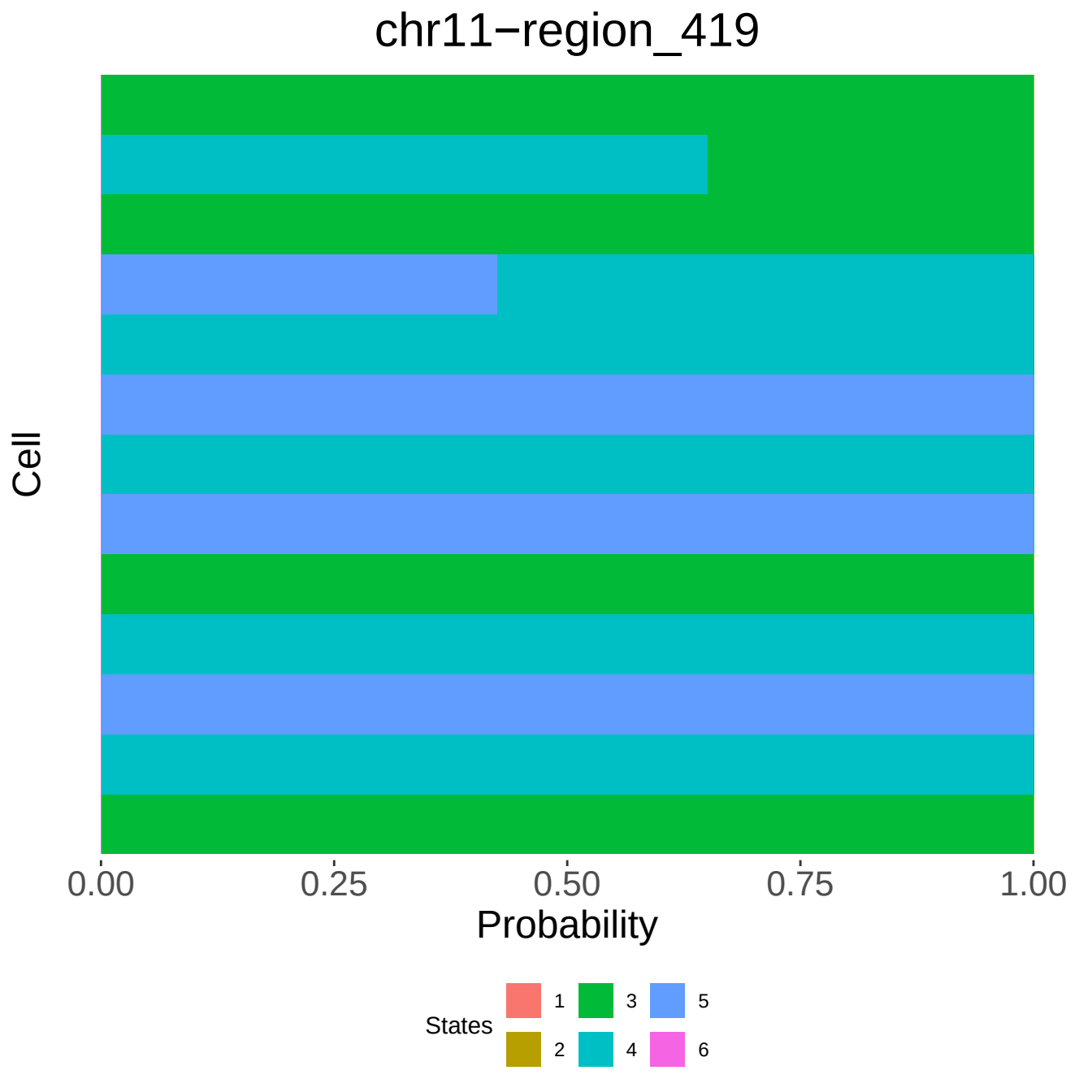
0.25
0.50
0.75
1.00
Probability
States
1
3
5
2
4
6


chr11−region_419
Cell
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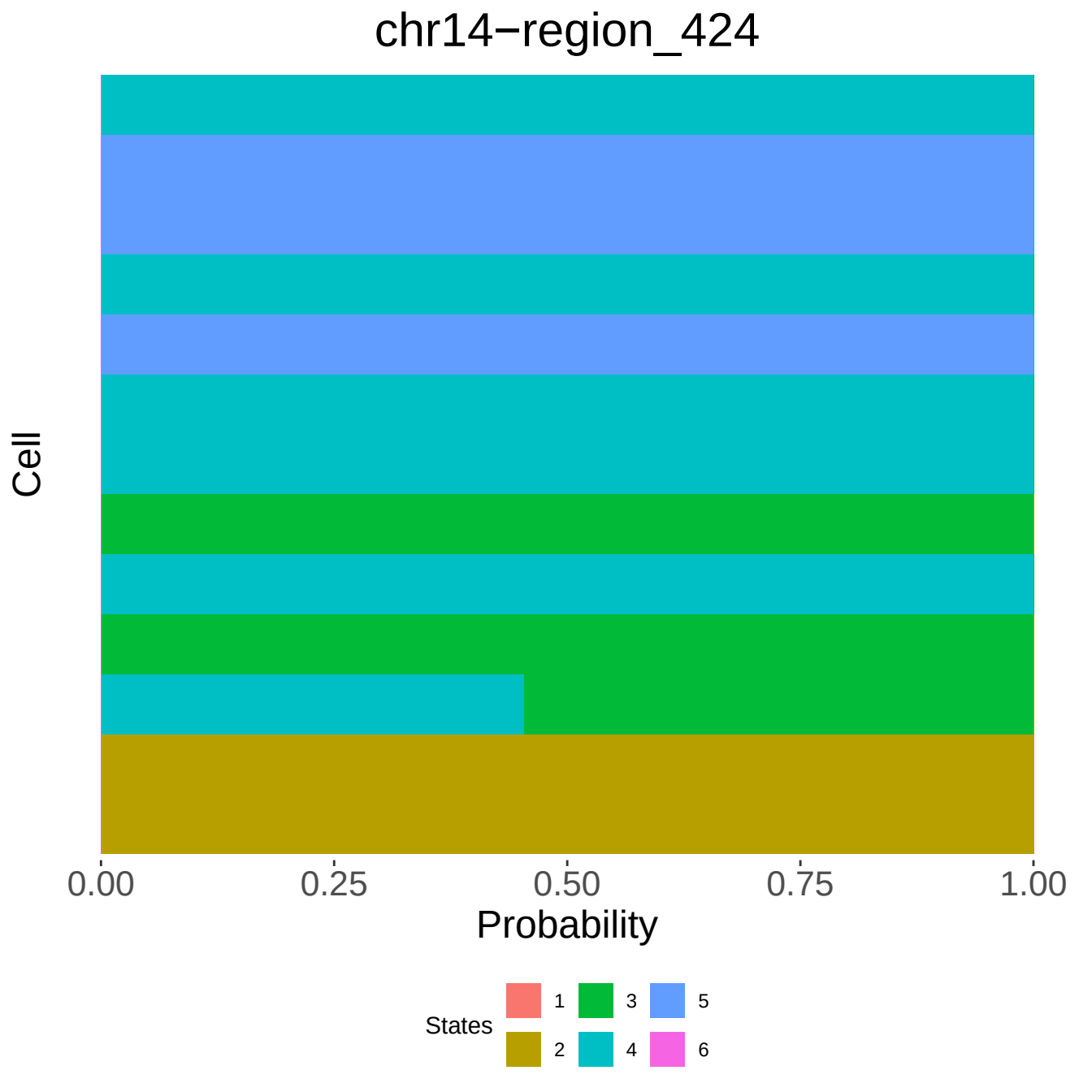
0.25
0.50
0.75
1.00
Probability
States
1
2
3
4
5
6


chr14−region_424
Cell
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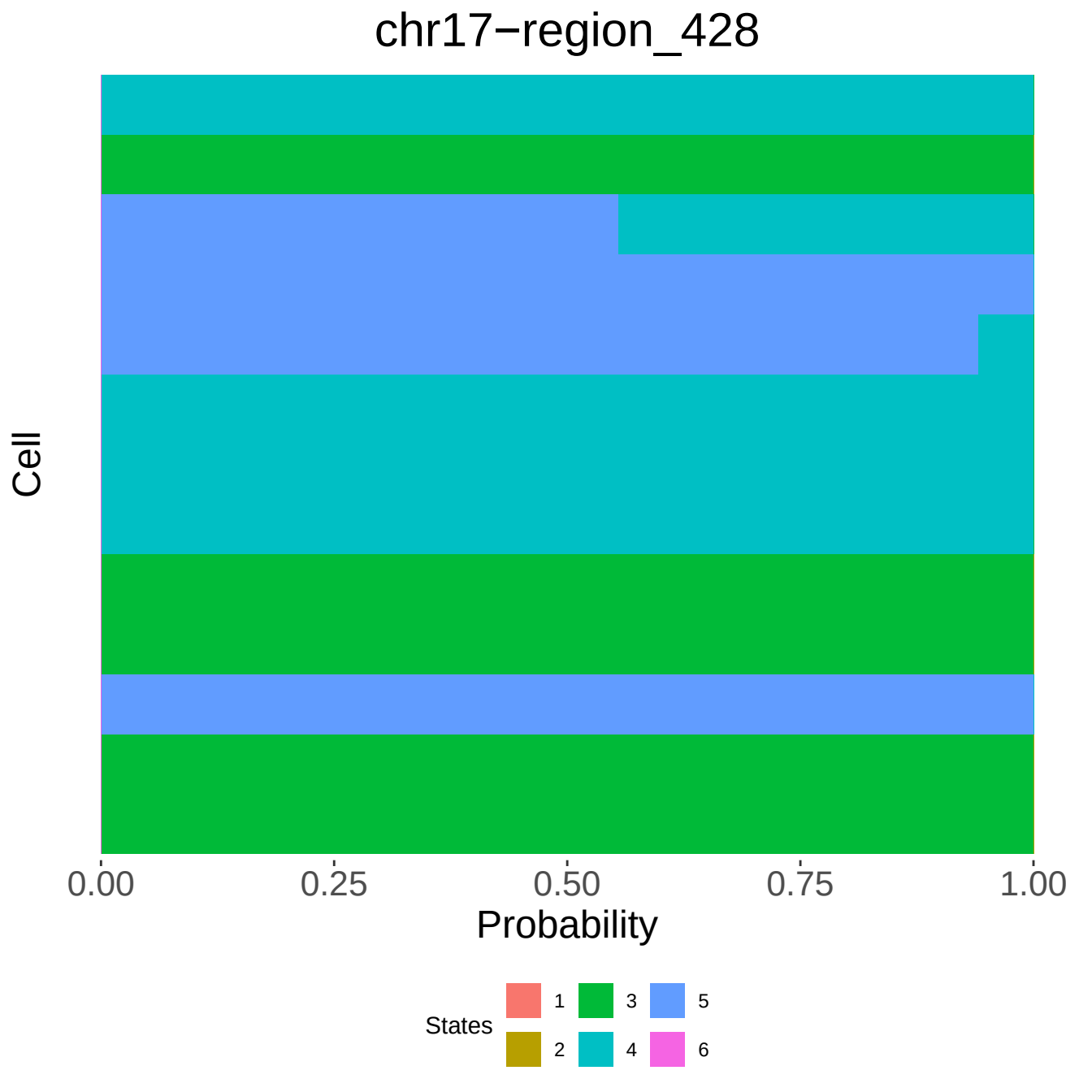
0.25
0.50
0.75
1.00
Probability
States
1
2
3
4
5
6


chr17−region_428
Cell
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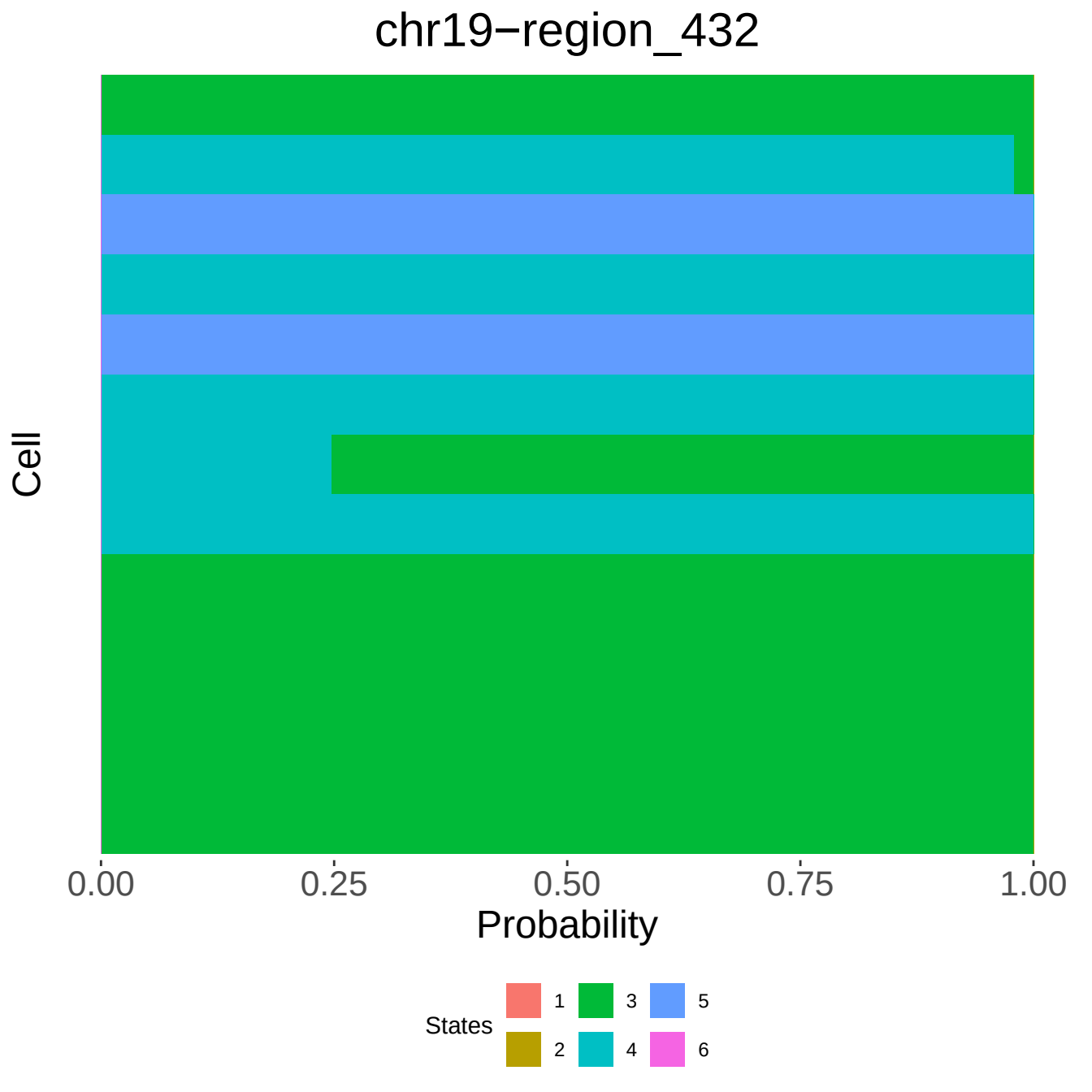
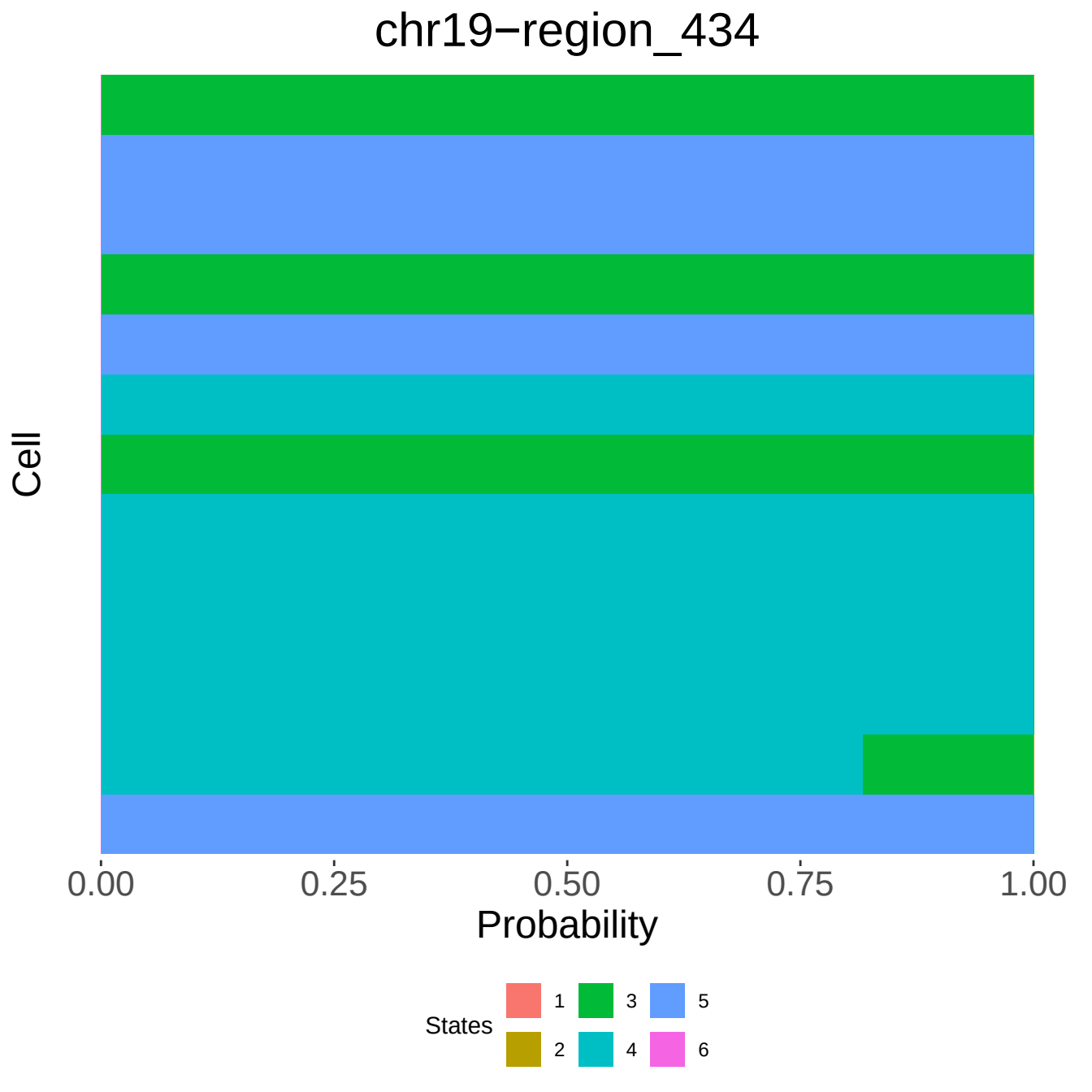
0.25
0.50
0.75
1.00
Probability
States
1
2
3
4
5
6


chr19−region_432
Cell
0.00
0.25
0.50
0.75
1.00
Probability
States
1
2
3
4
5
6


chr19−region_434
Cell
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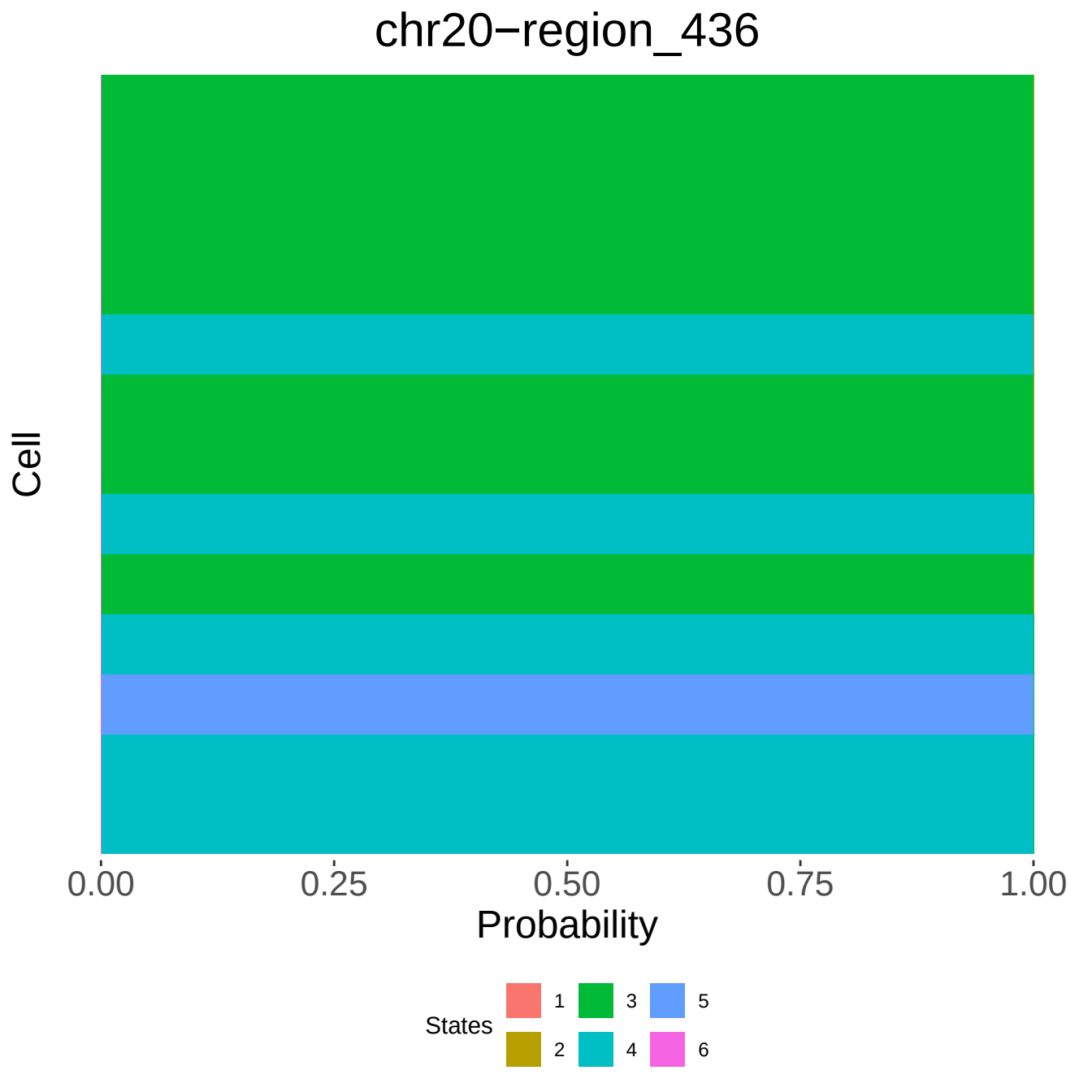
0.25
0.50
0.75
1.00
Probability
States
1
2
3
4
5
6


chr20−region_436
Cell
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0.25
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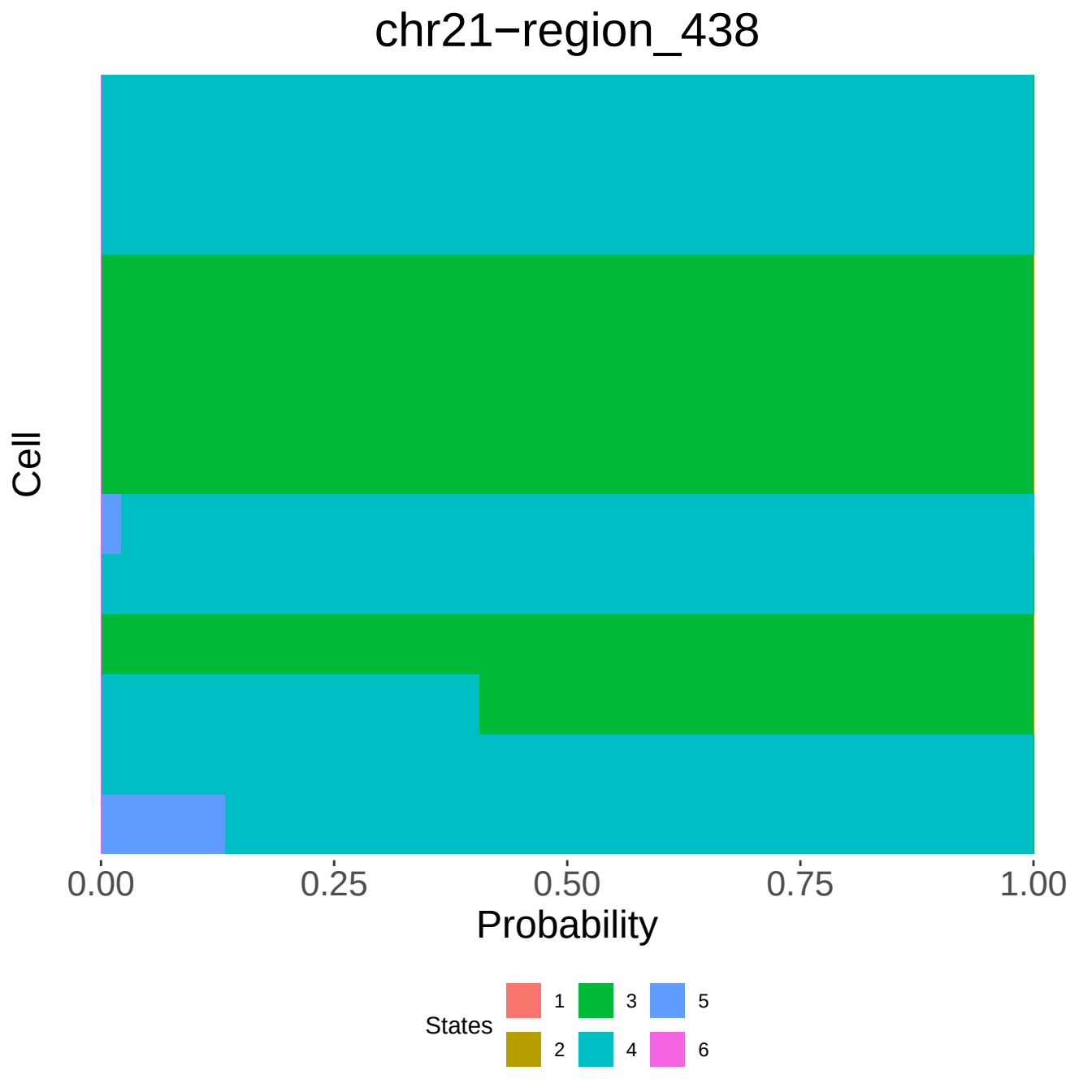
0.75
1.00
Probability
States
1
2
3
4
5
6


chr21−region_438
Cell
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0.25
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0.75
1.00
Probability
States
1
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3
4
5
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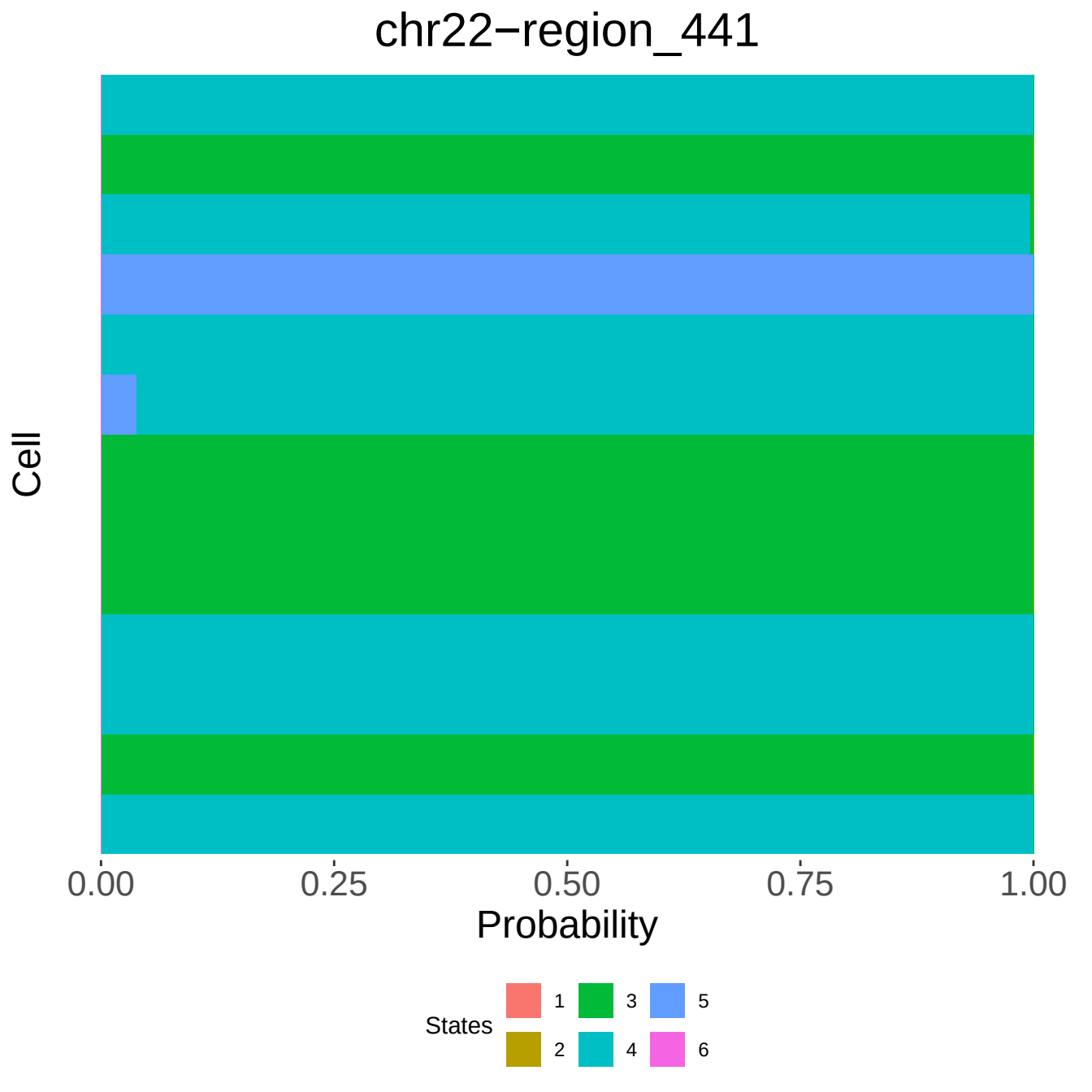
chr22−region_441
Cell
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0.75
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Probability
States
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3
4
5
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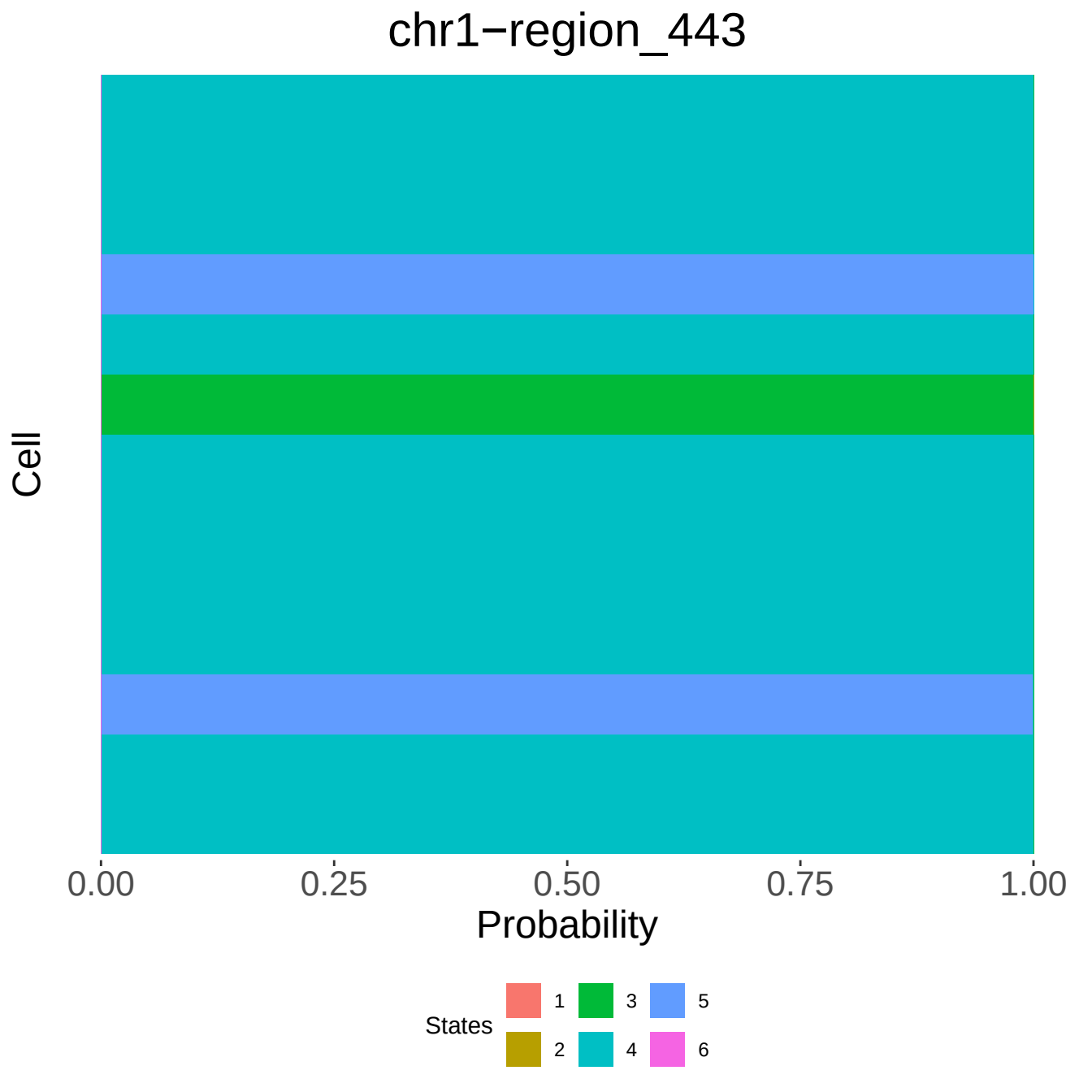
chr1−region_443
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Probability
States
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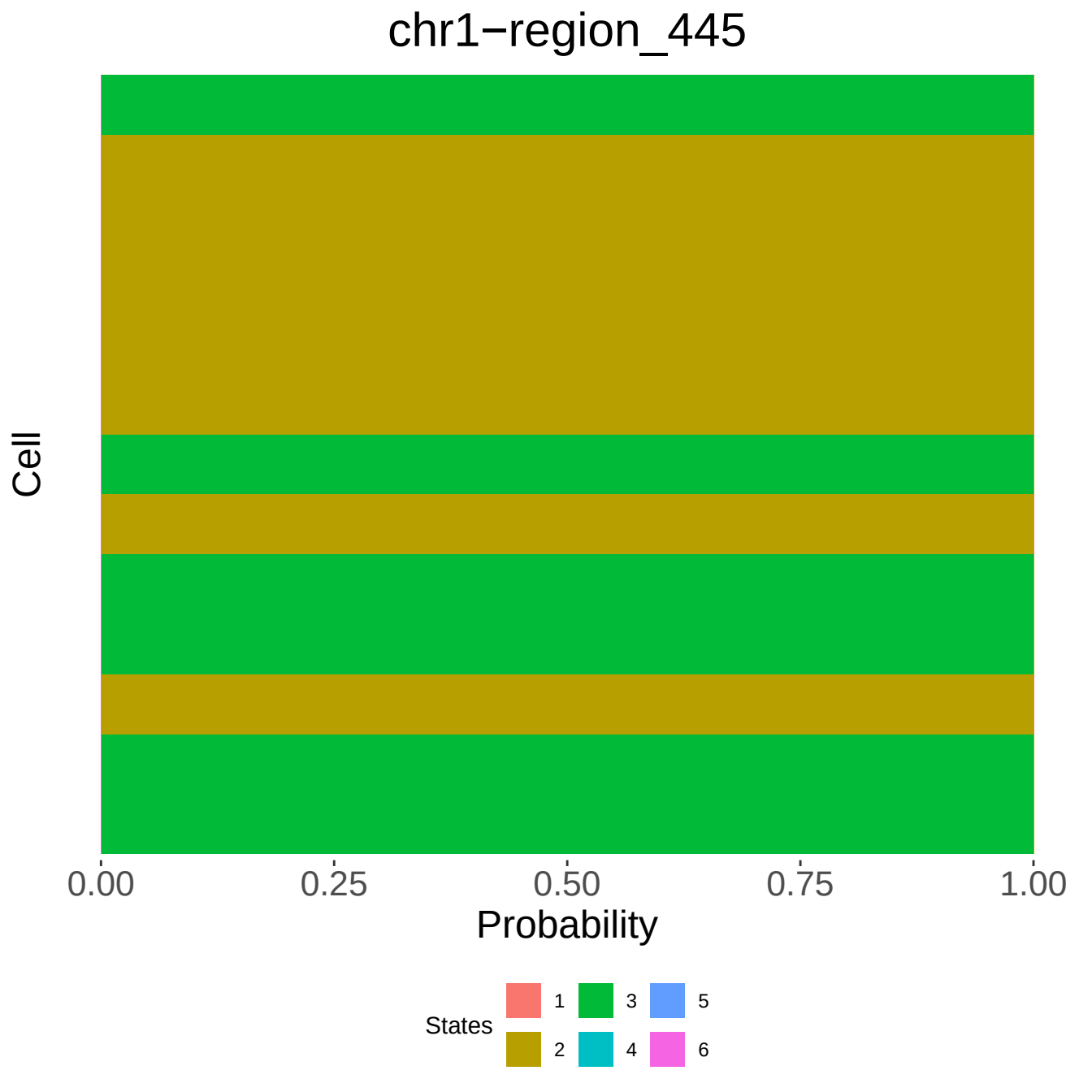
3
4
5
6


chr1−region_445
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Probability
States
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3
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5
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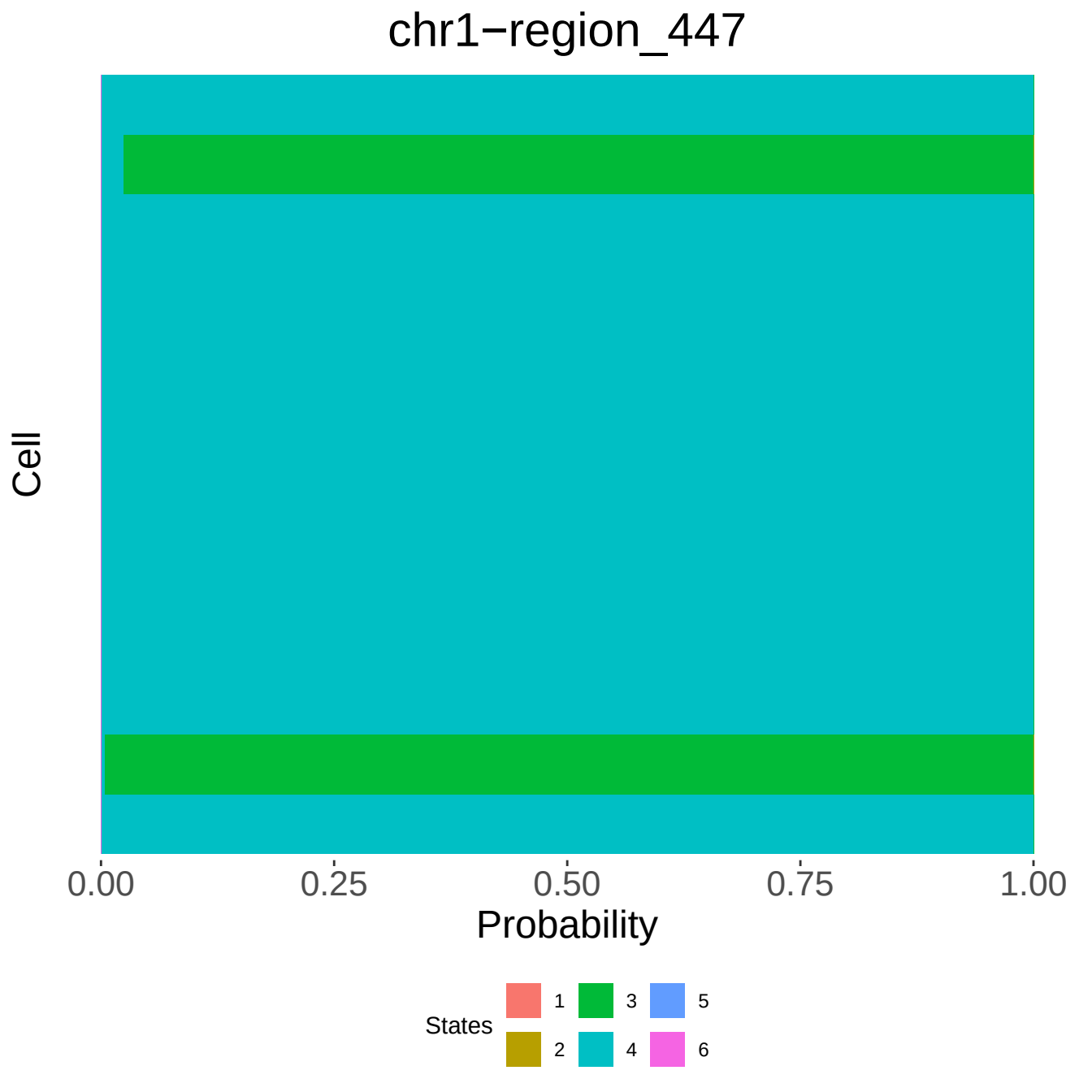
chr1−region_447
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Probability
States
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3
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5
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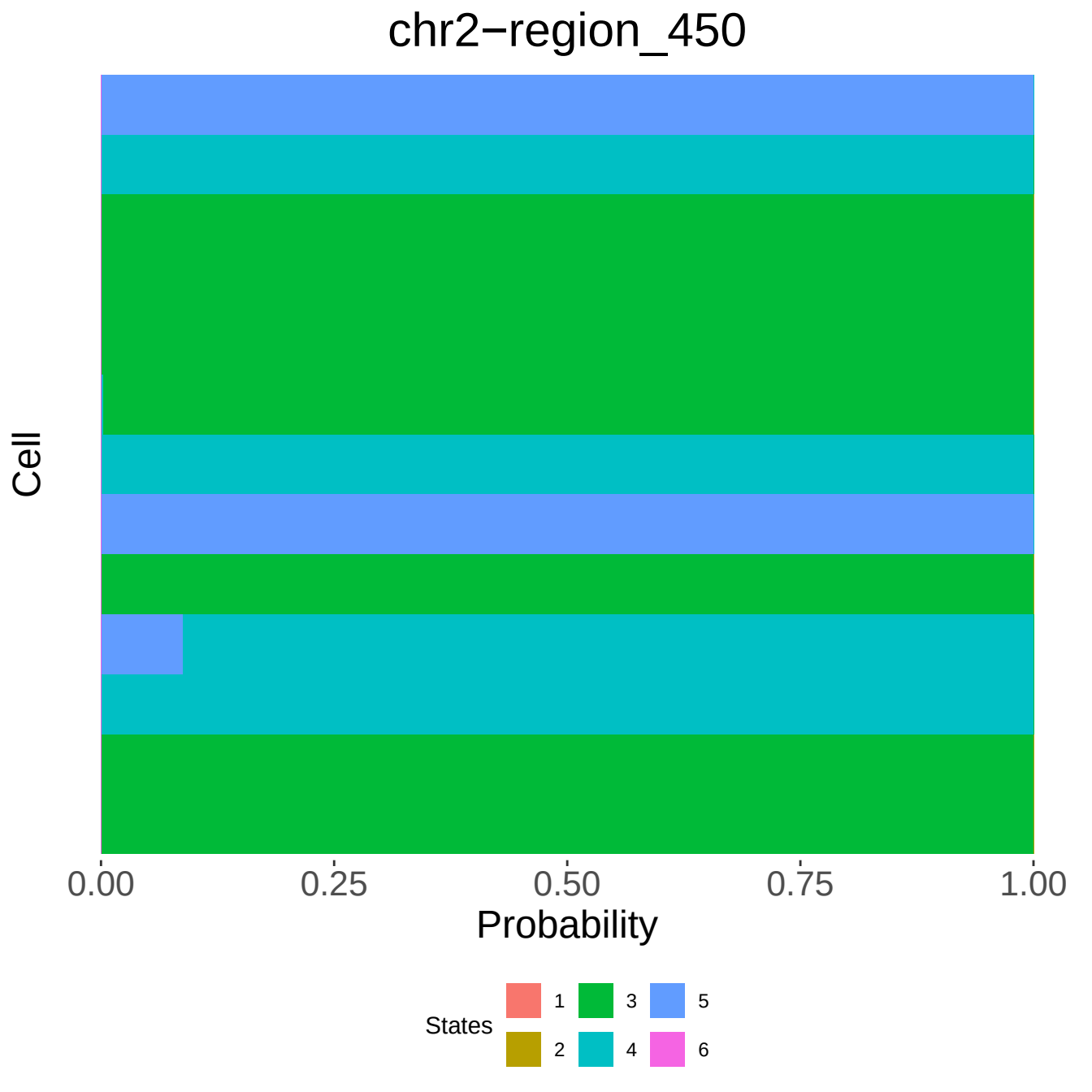
chr2−region_450
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0.25
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0.75
1.00
Probability
States
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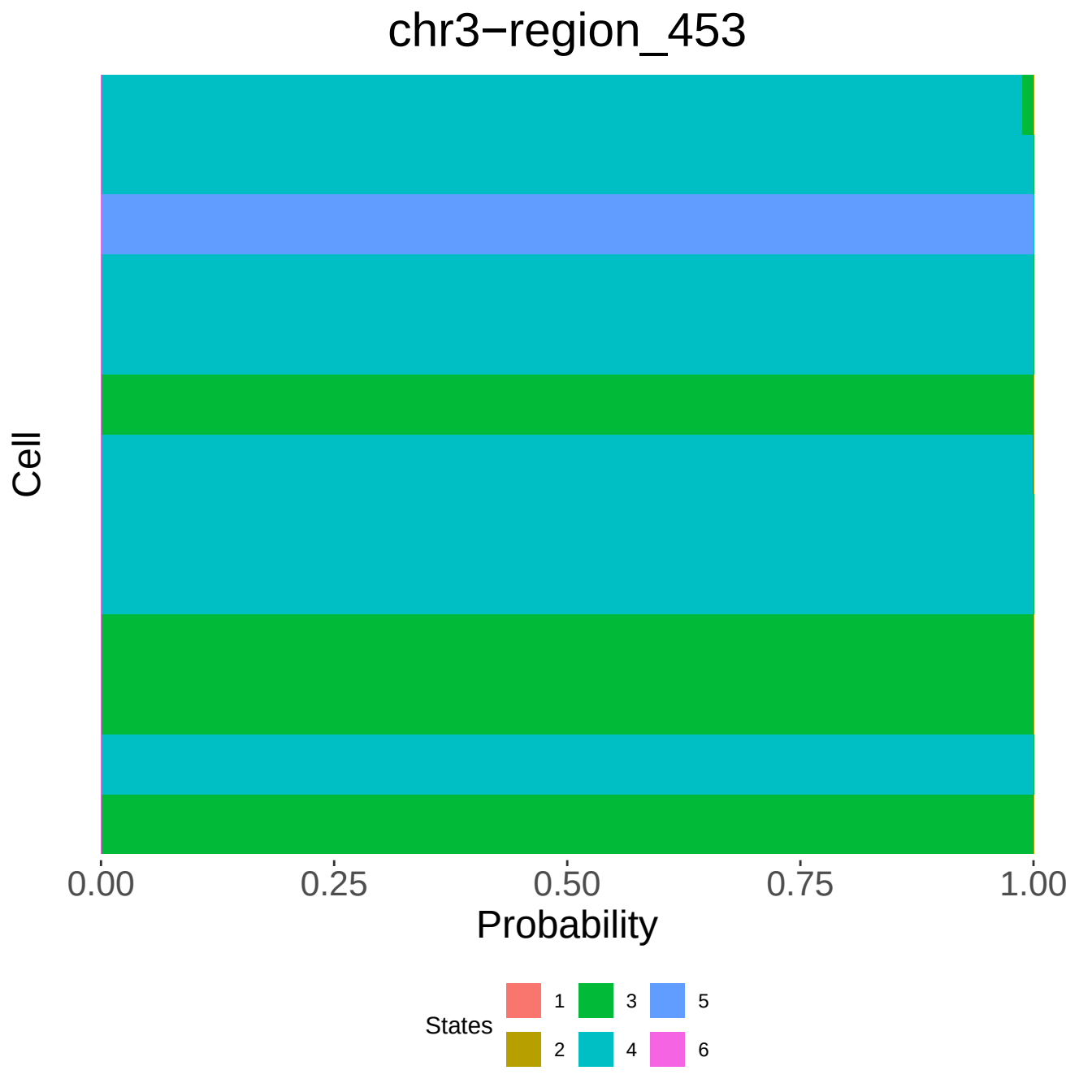
2
3
4
5
6


chr3−region_453
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0.75
1.00
Probability
States
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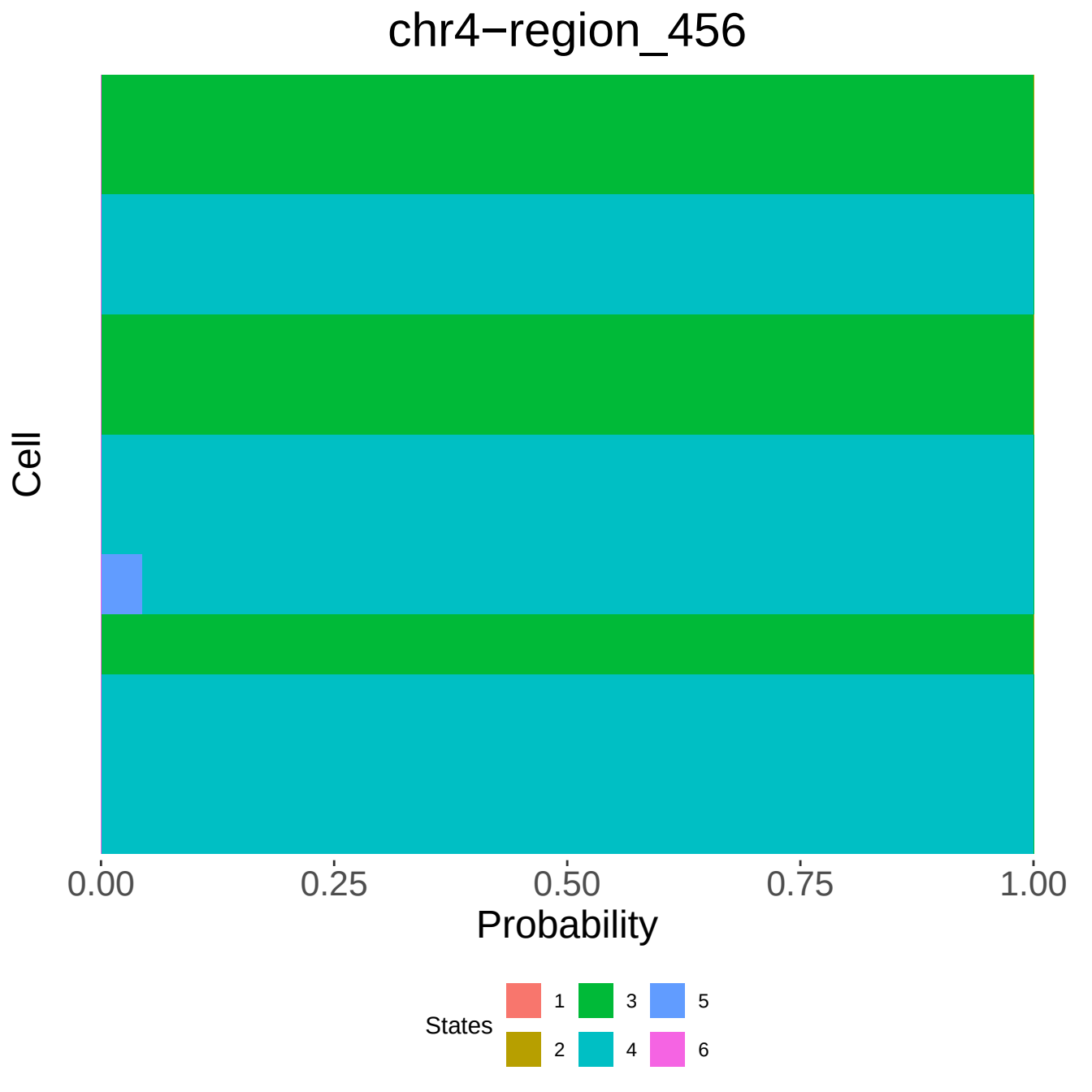
2
3
4
5
6


chr4−region_456
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1.00
Probability
States
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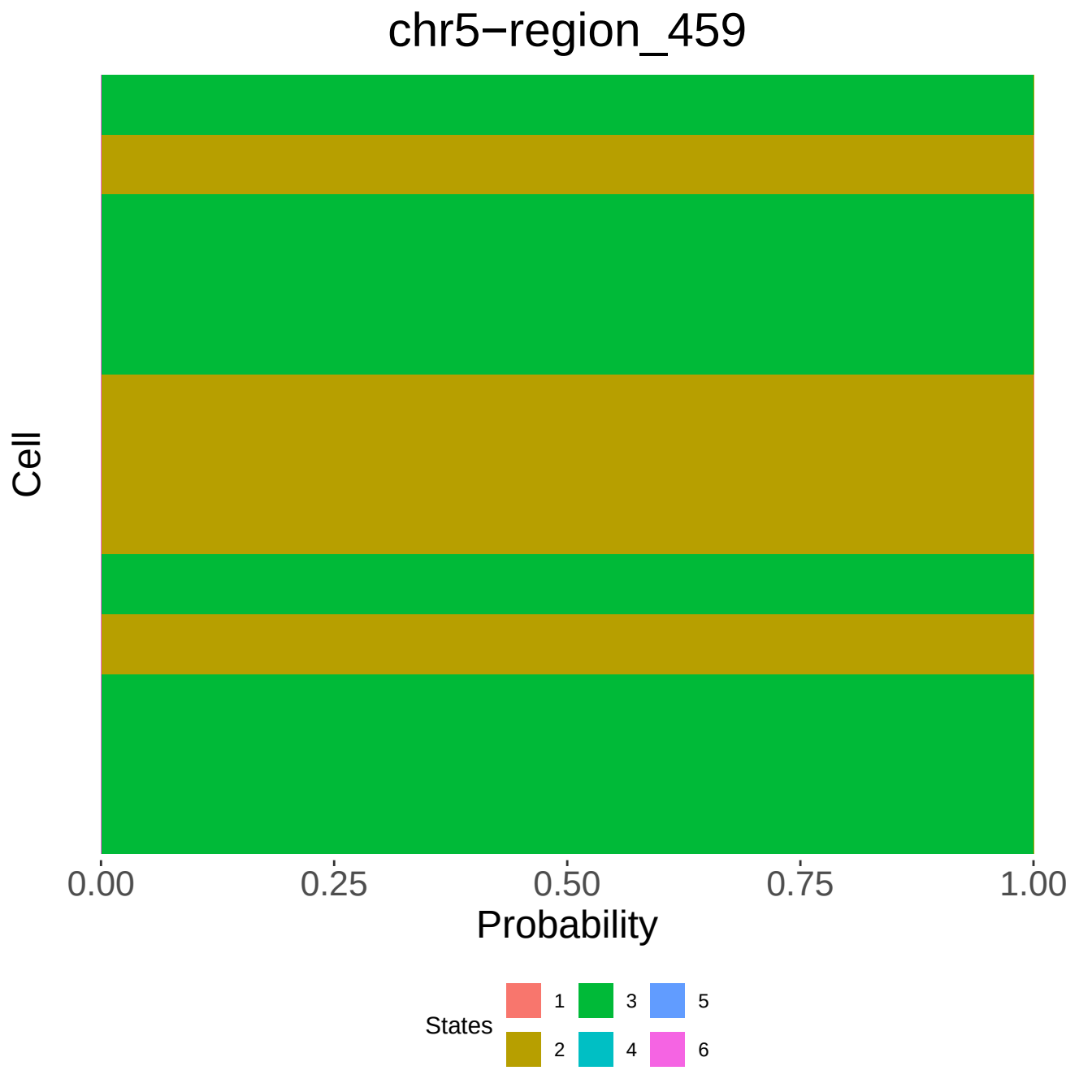
6


chr5−region_459
Cell
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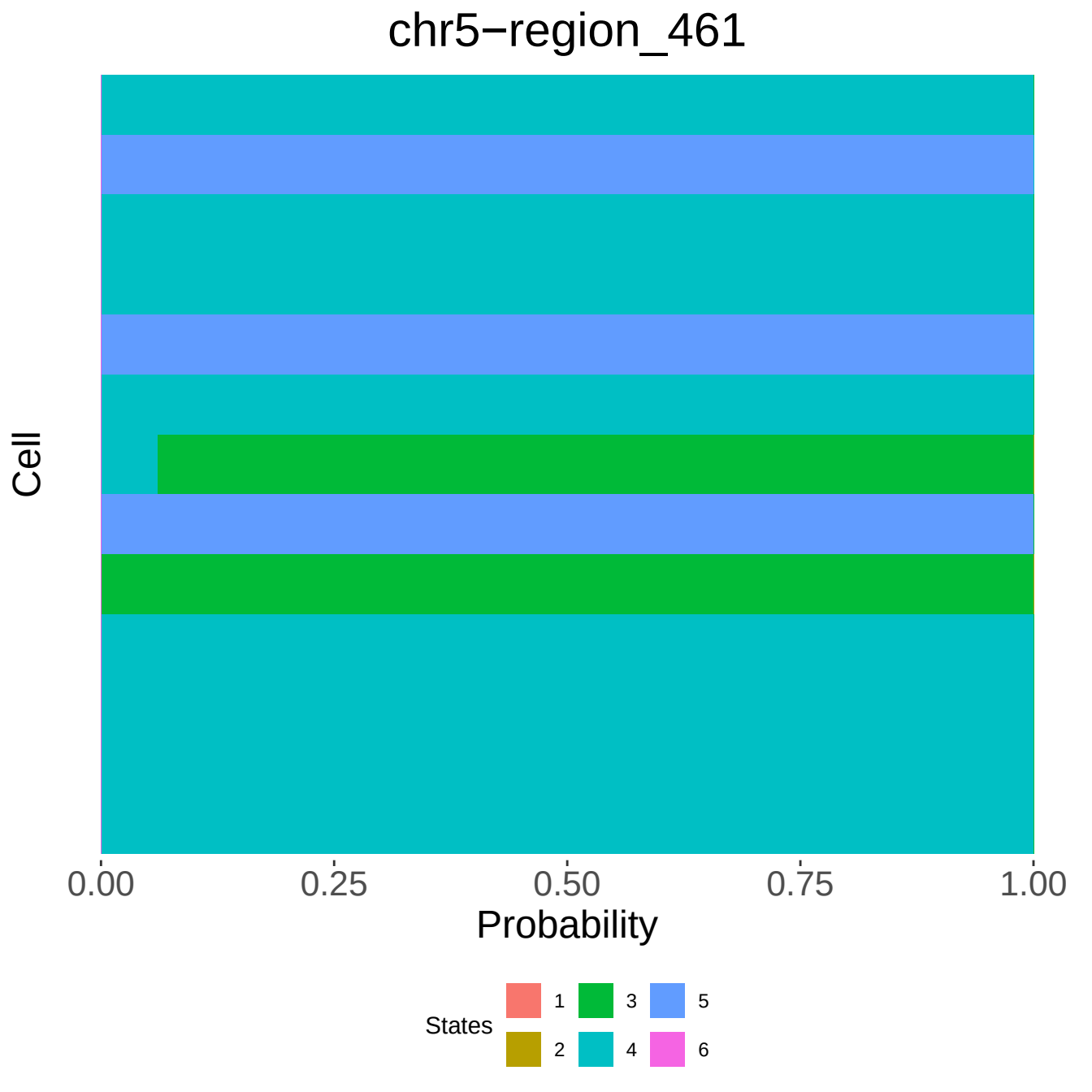
0.75
1.00
Probability
States
1
2
3
4
5
6


chr5−region_461
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1.00
Probability
States
1
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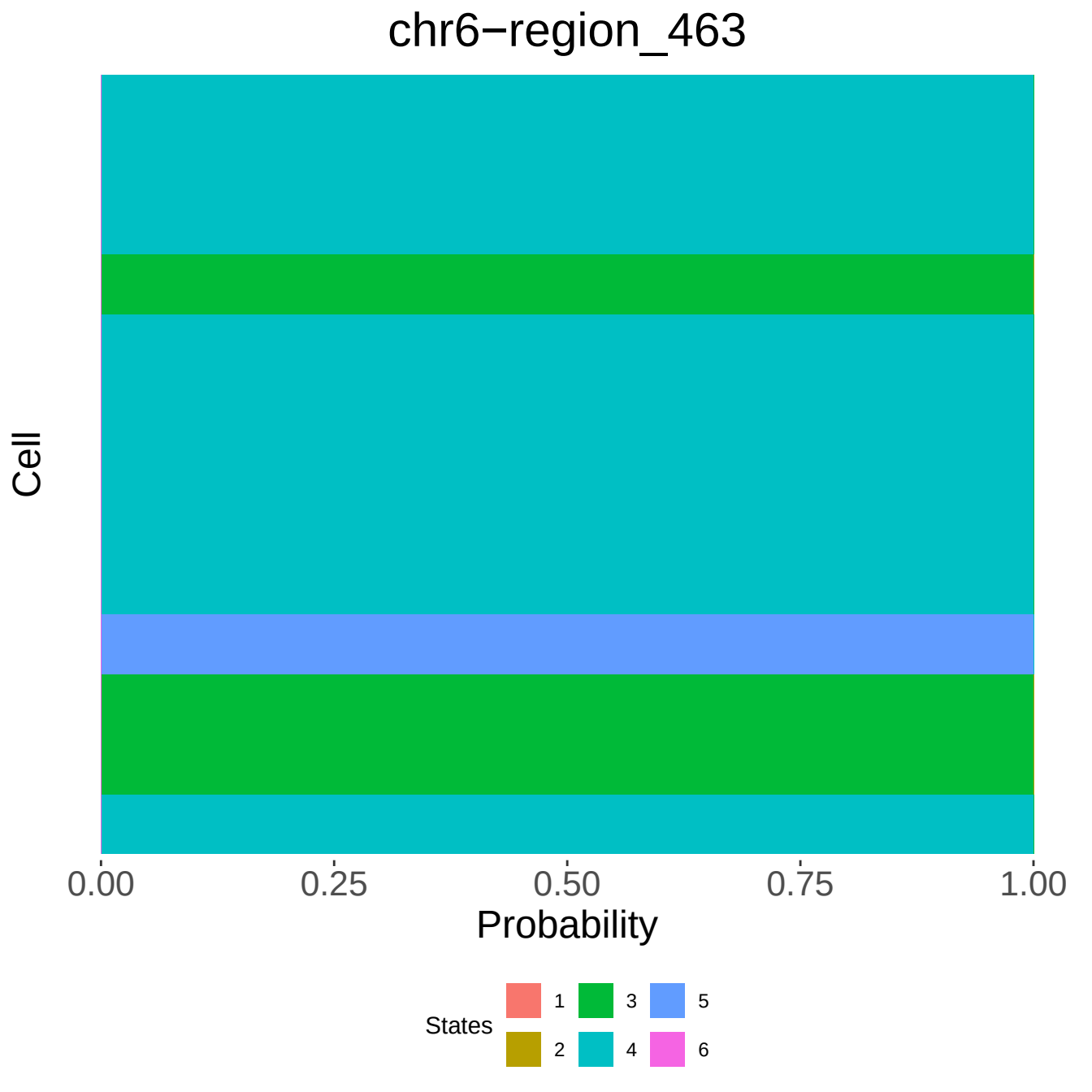
5
6


chr6−region_463
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Probability
States
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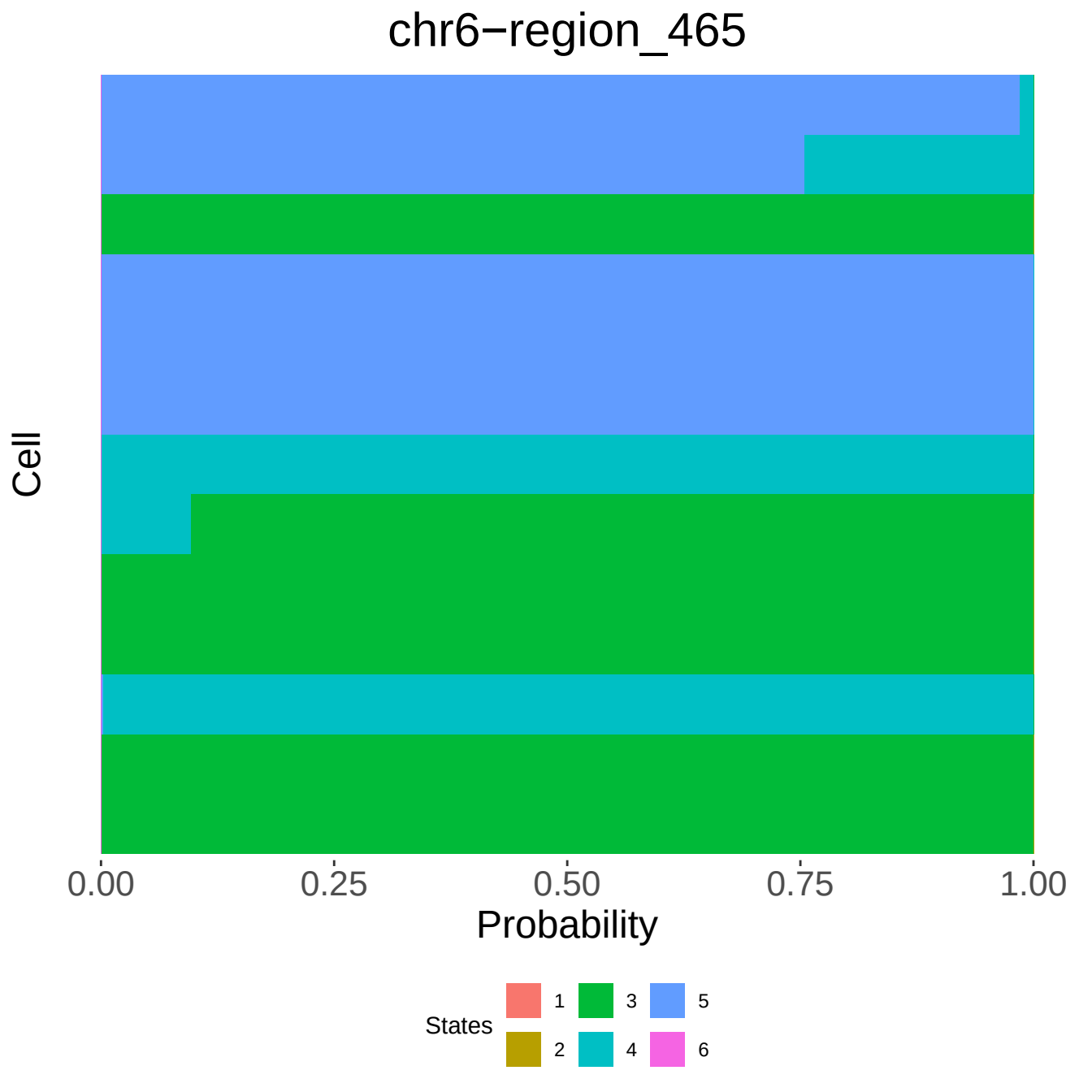
6


chr6−region_465
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Probability
States
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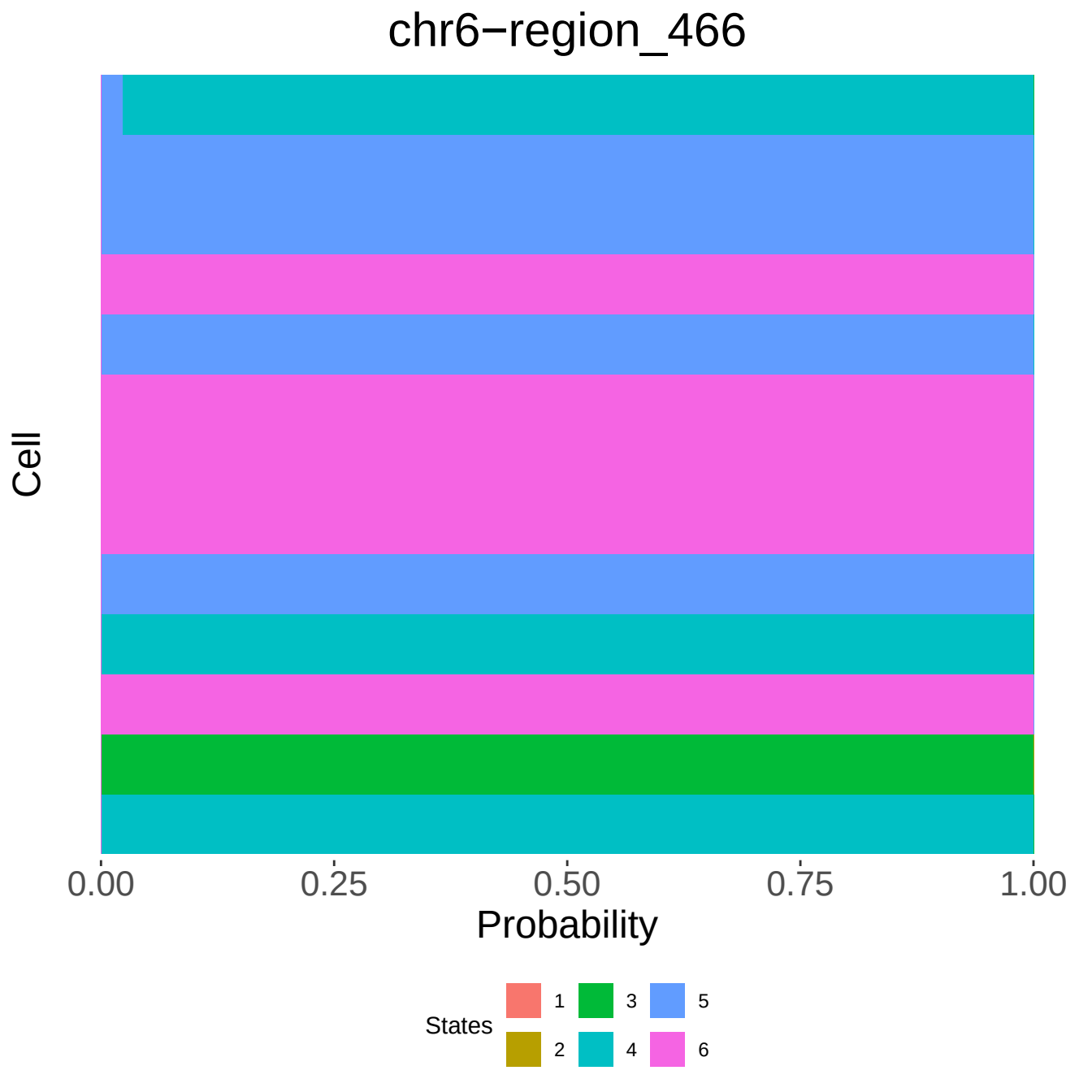
4
5
6


chr6−region_466
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Probability
States
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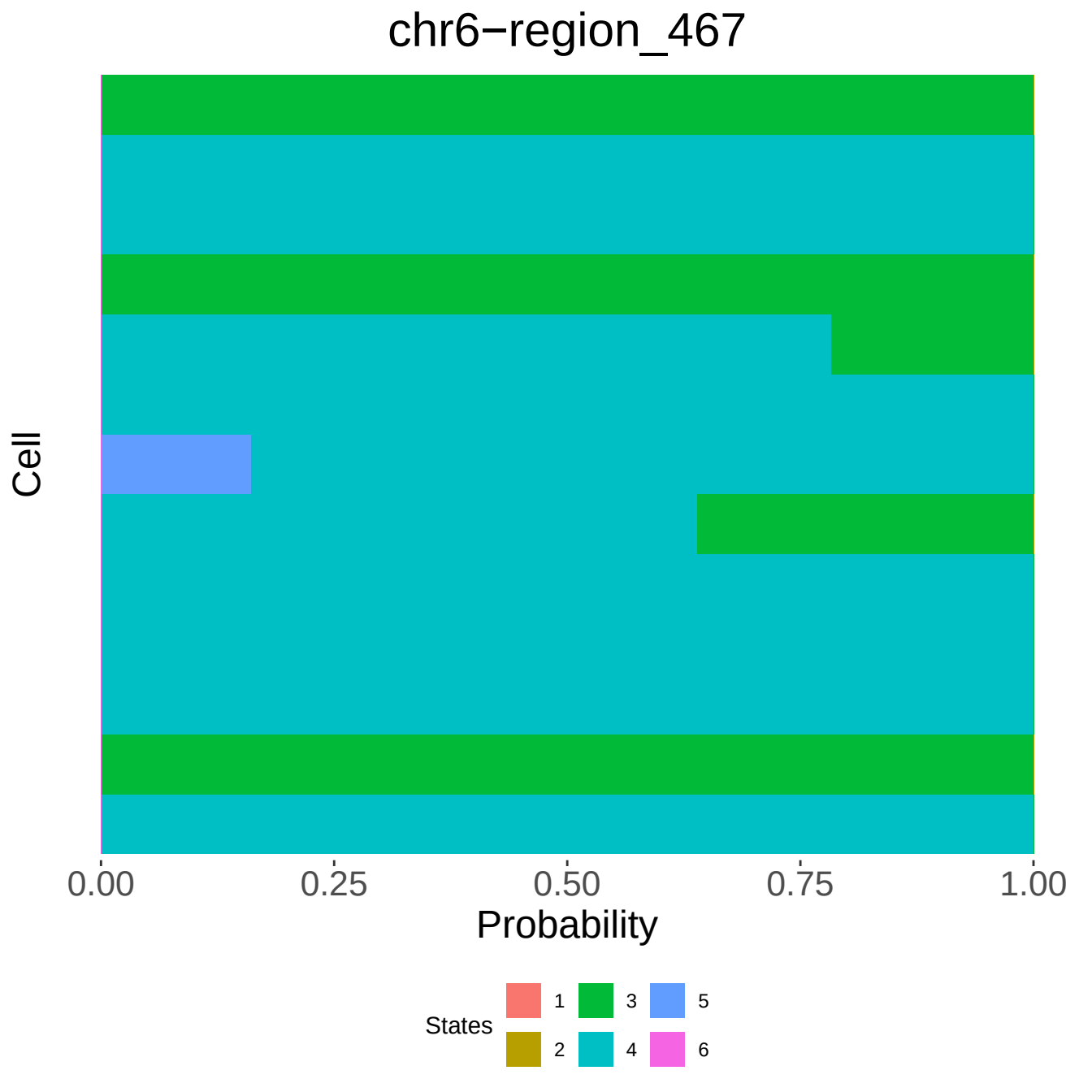
4
5
6


chr6−region_467
Cell
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1.00
Probability
States
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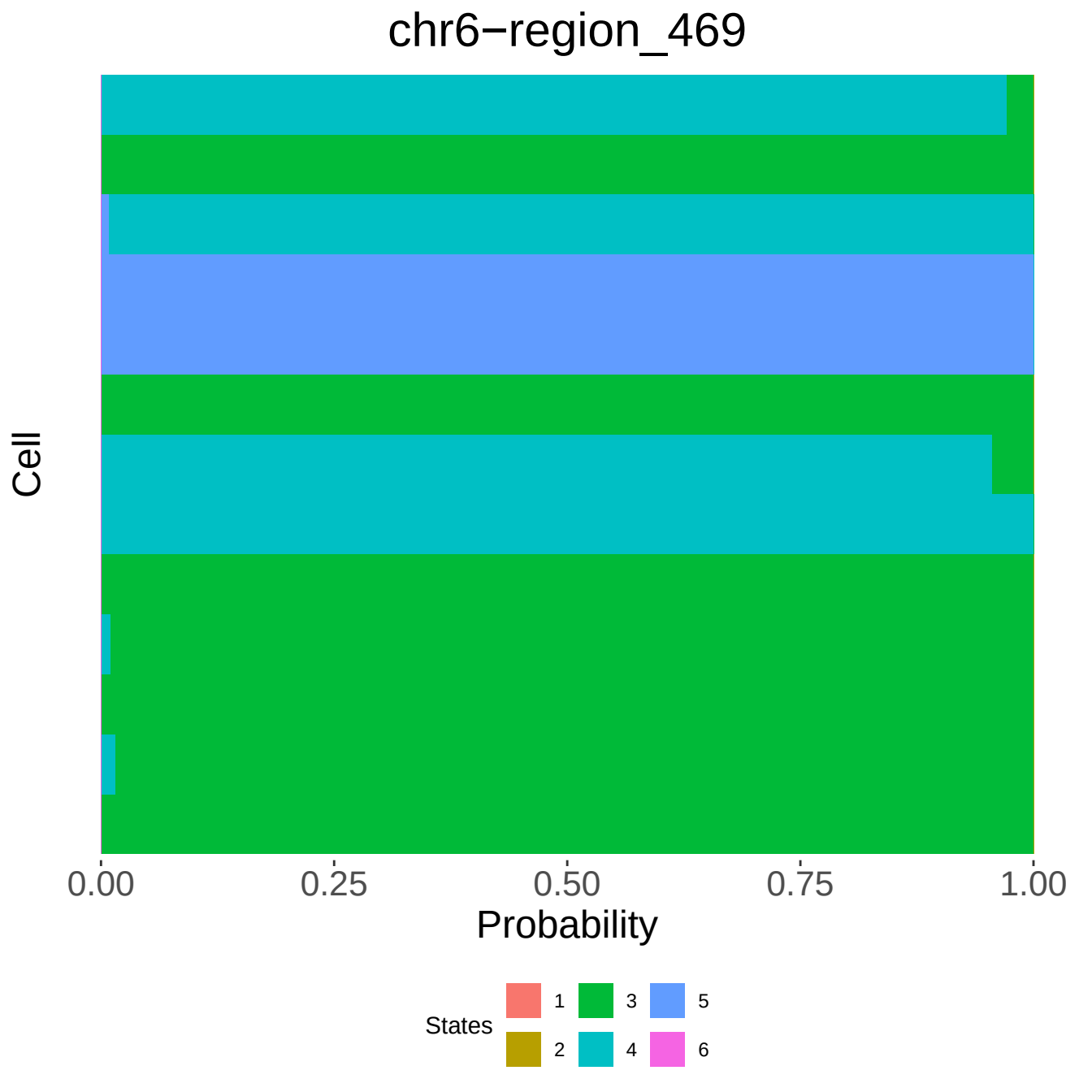
5
6


chr6−region_469
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0.25
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0.75
1.00
Probability
States
1
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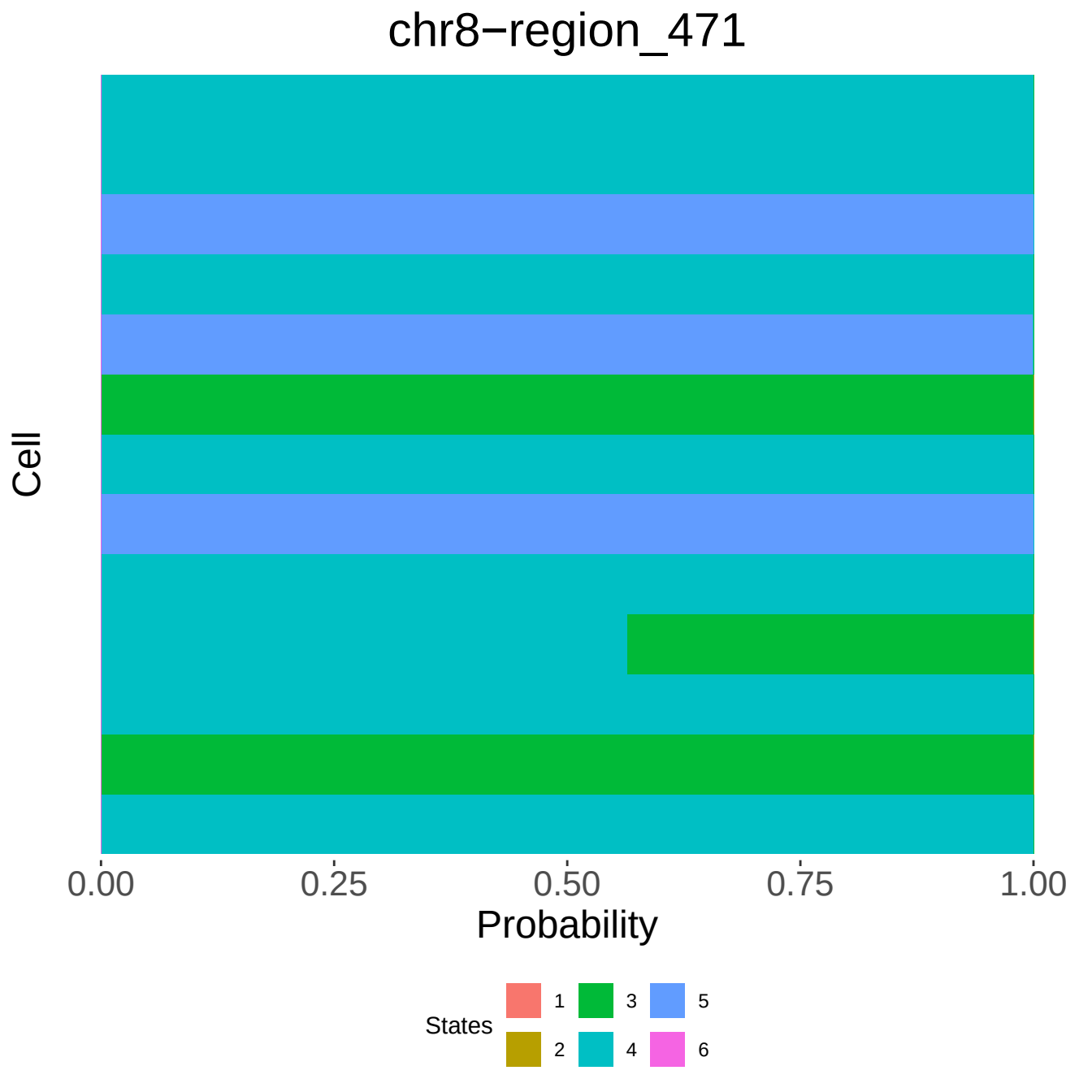
3
4
5
6


chr8−region_471
Cell
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0.75
1.00
Probability
States
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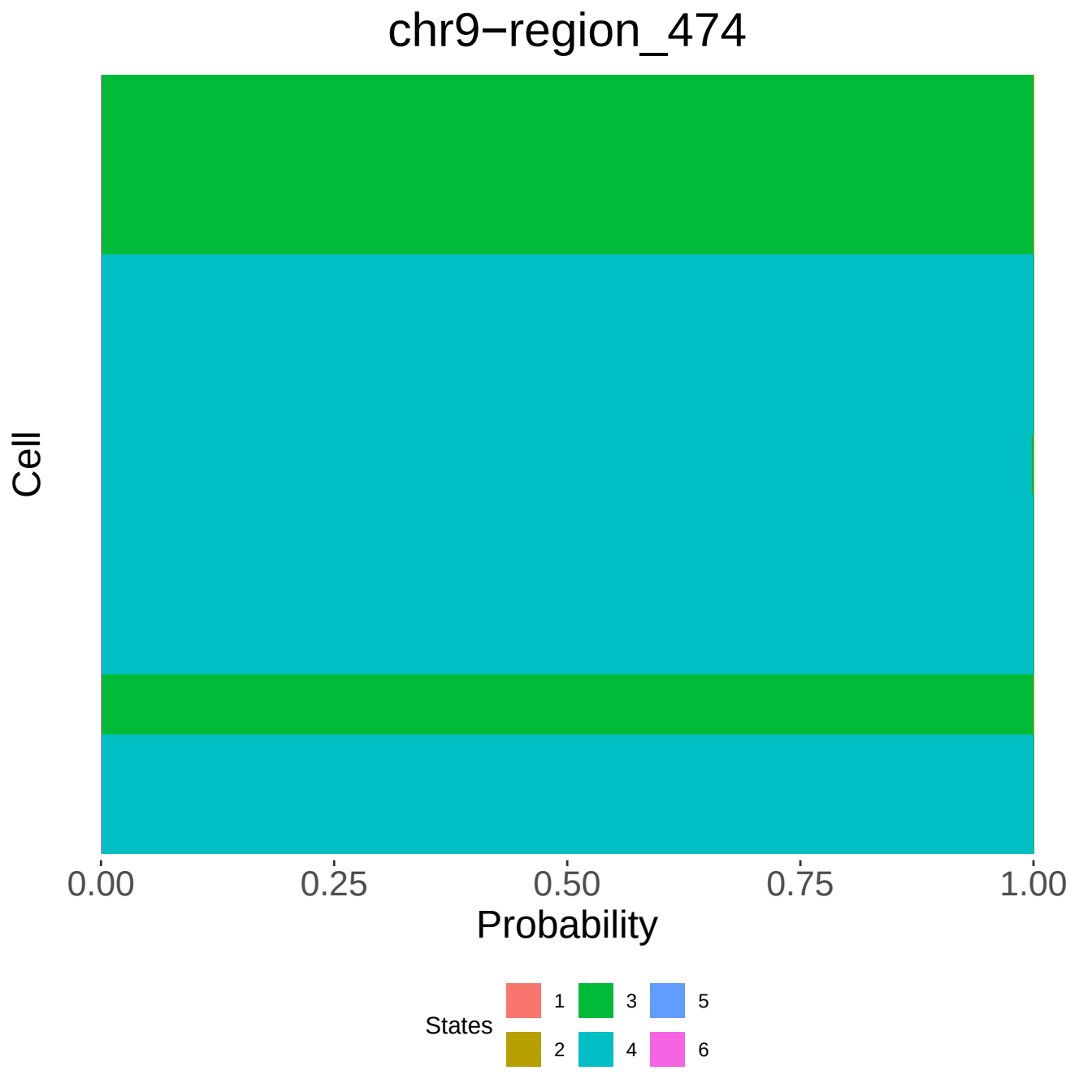
5
6


chr9−region_474
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0.50
0.75
1.00
Probability
States
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2
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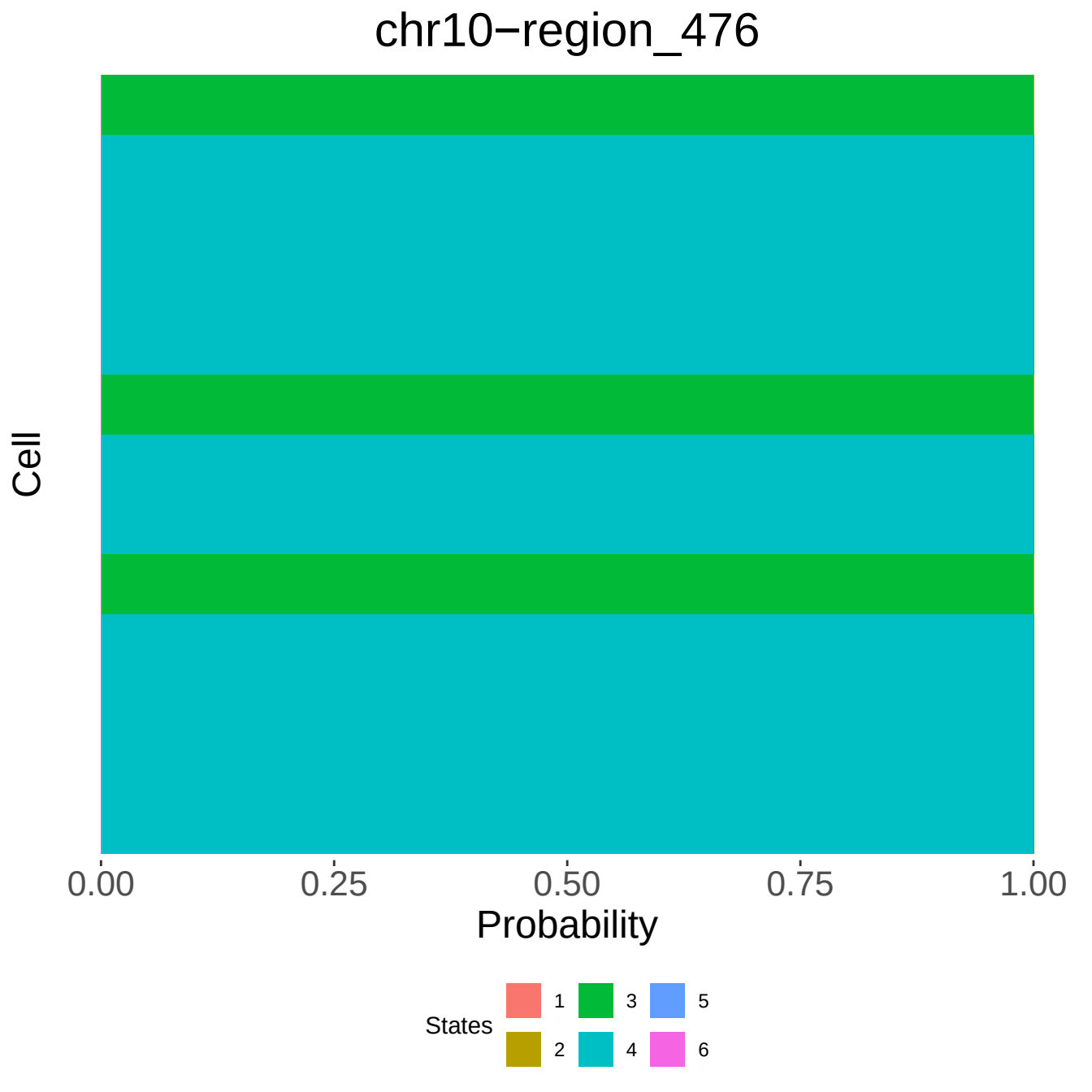
4
5
6


chr10−region_476
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Probability
States
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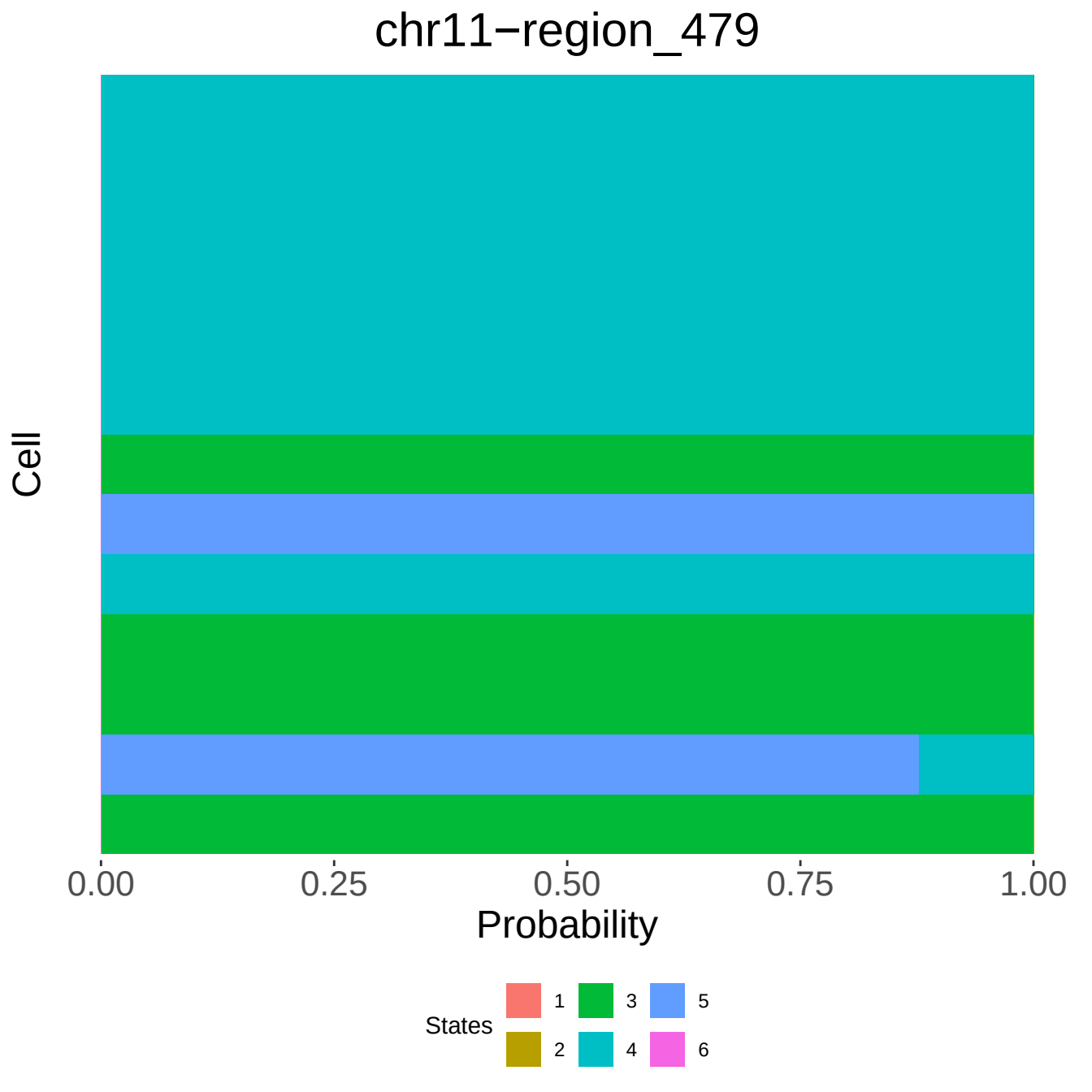
5
6


chr11−region_479
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Probability
States
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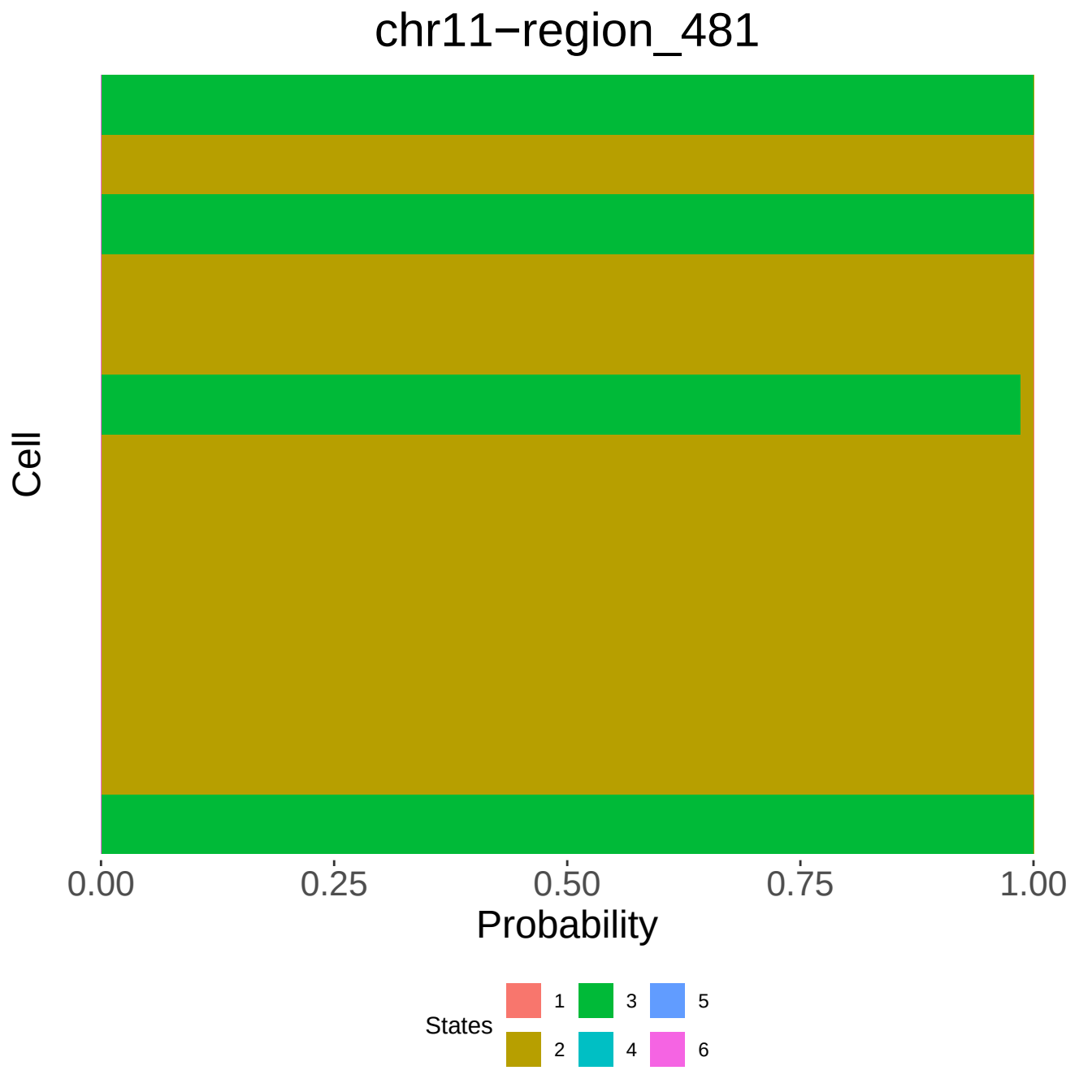
4
5
6


chr11−region_481
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Probability
States
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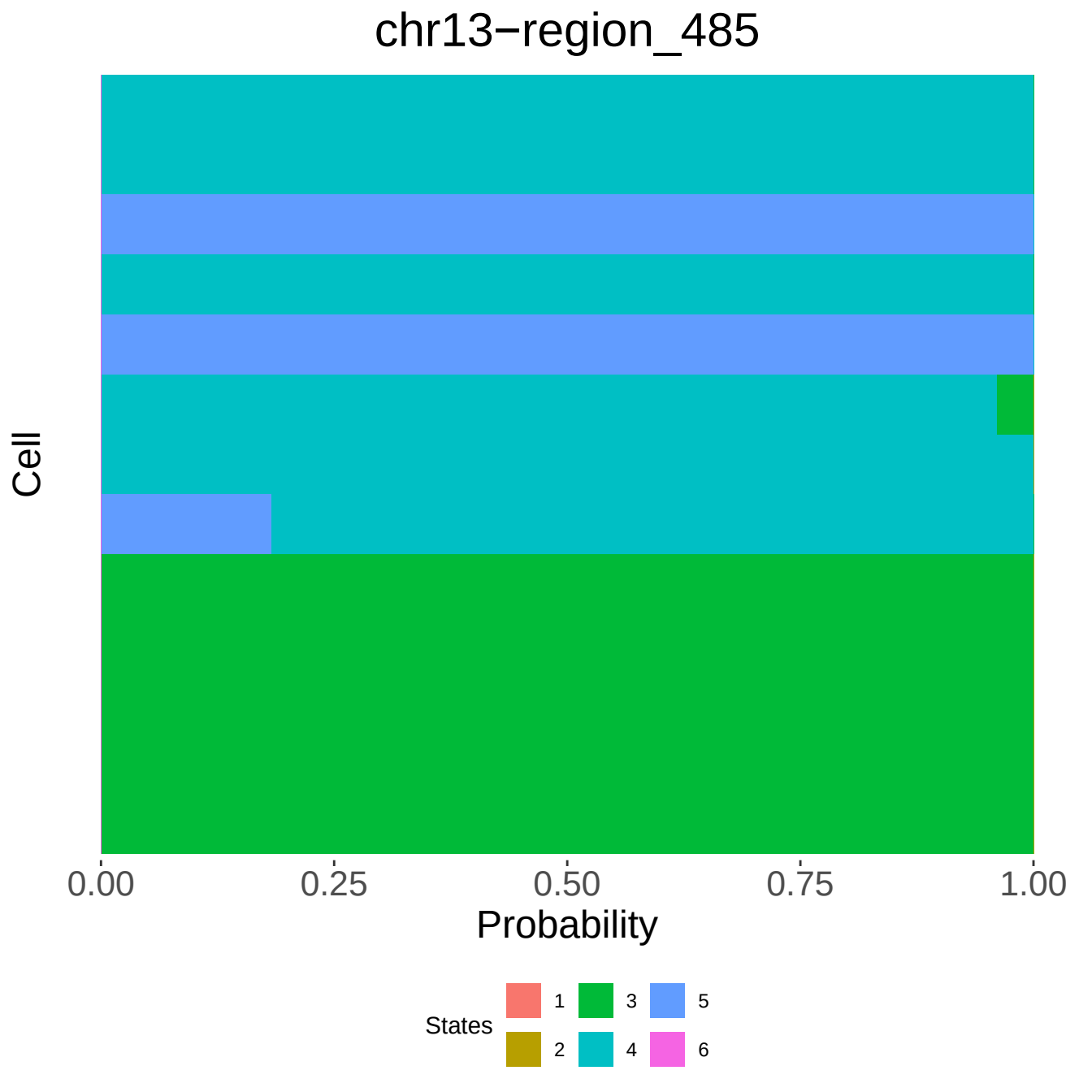
3
4
5
6


chr13−region_485
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0.75
1.00
Probability
States
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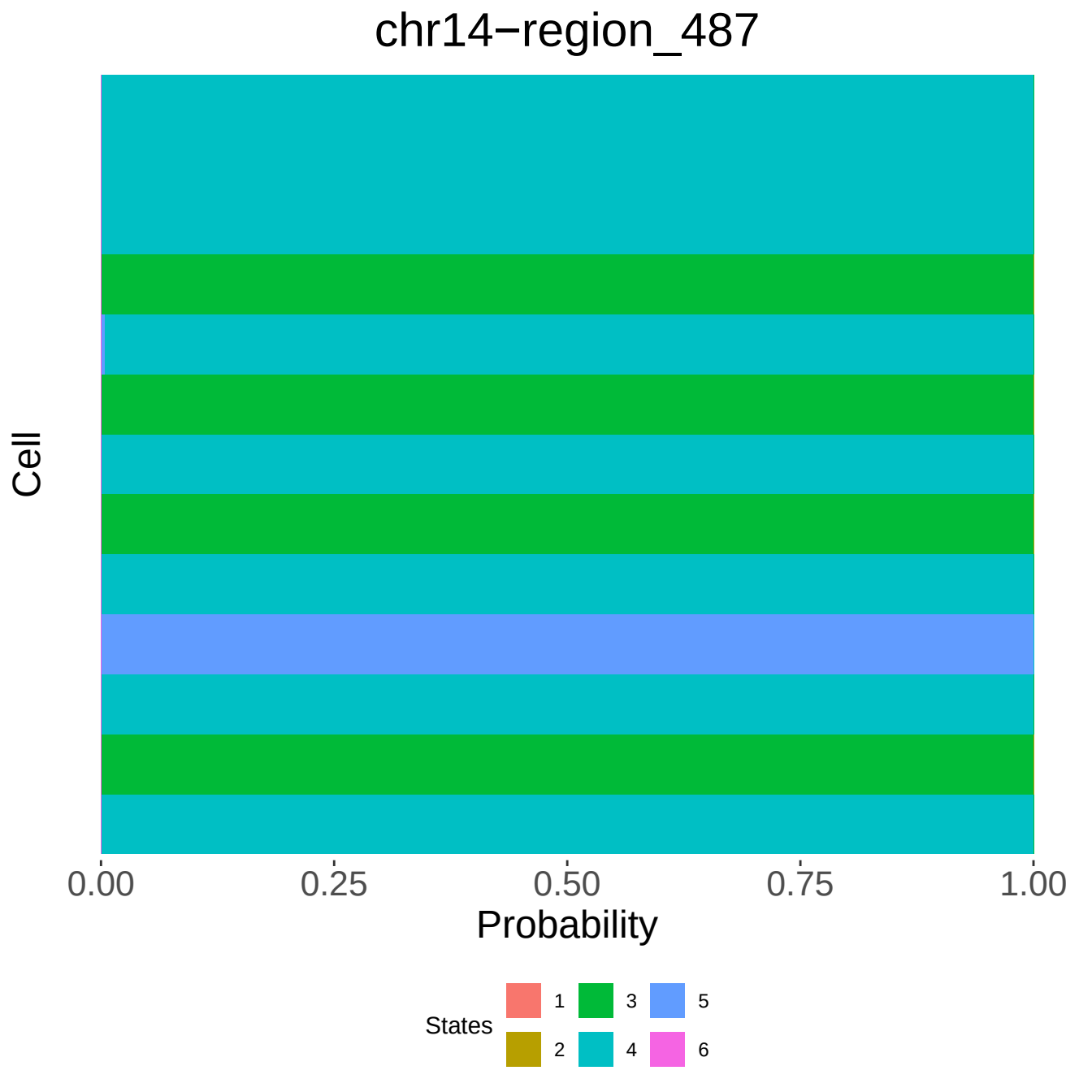
2
3
4
5
6


chr14−region_487
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Probability
States
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2
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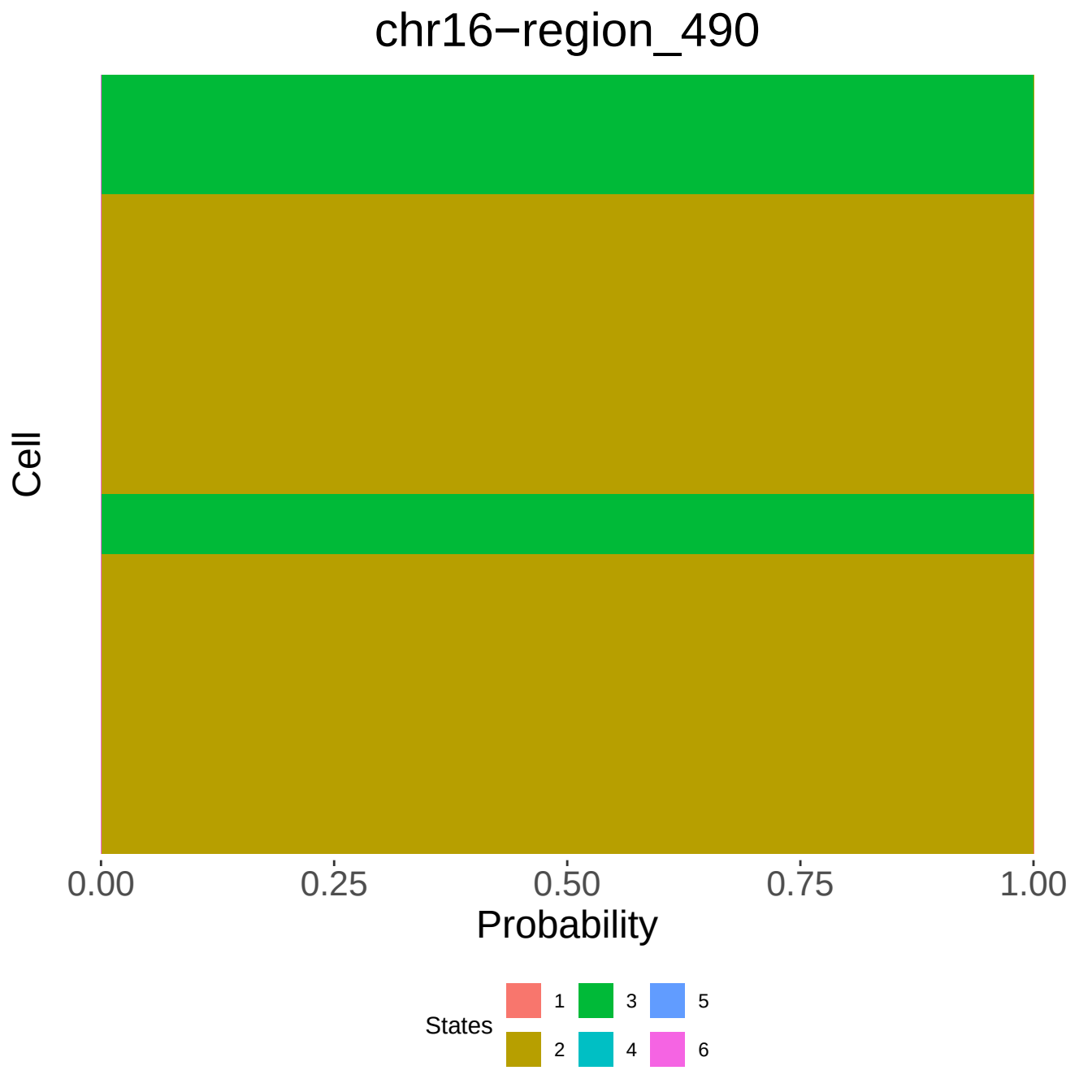
4
5
6


chr16−region_490
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Probability
States
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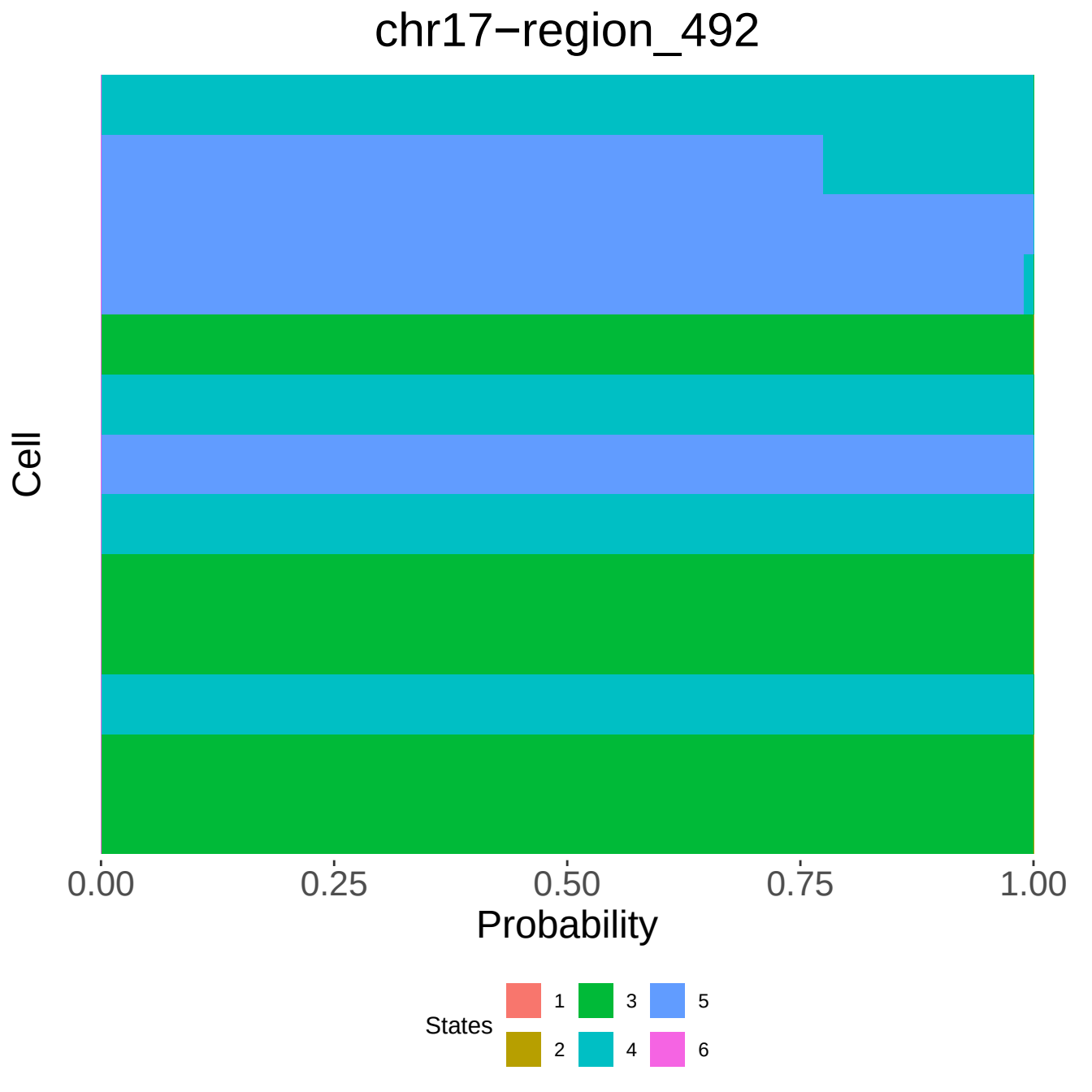
5
6


chr17−region_492
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Probability
States
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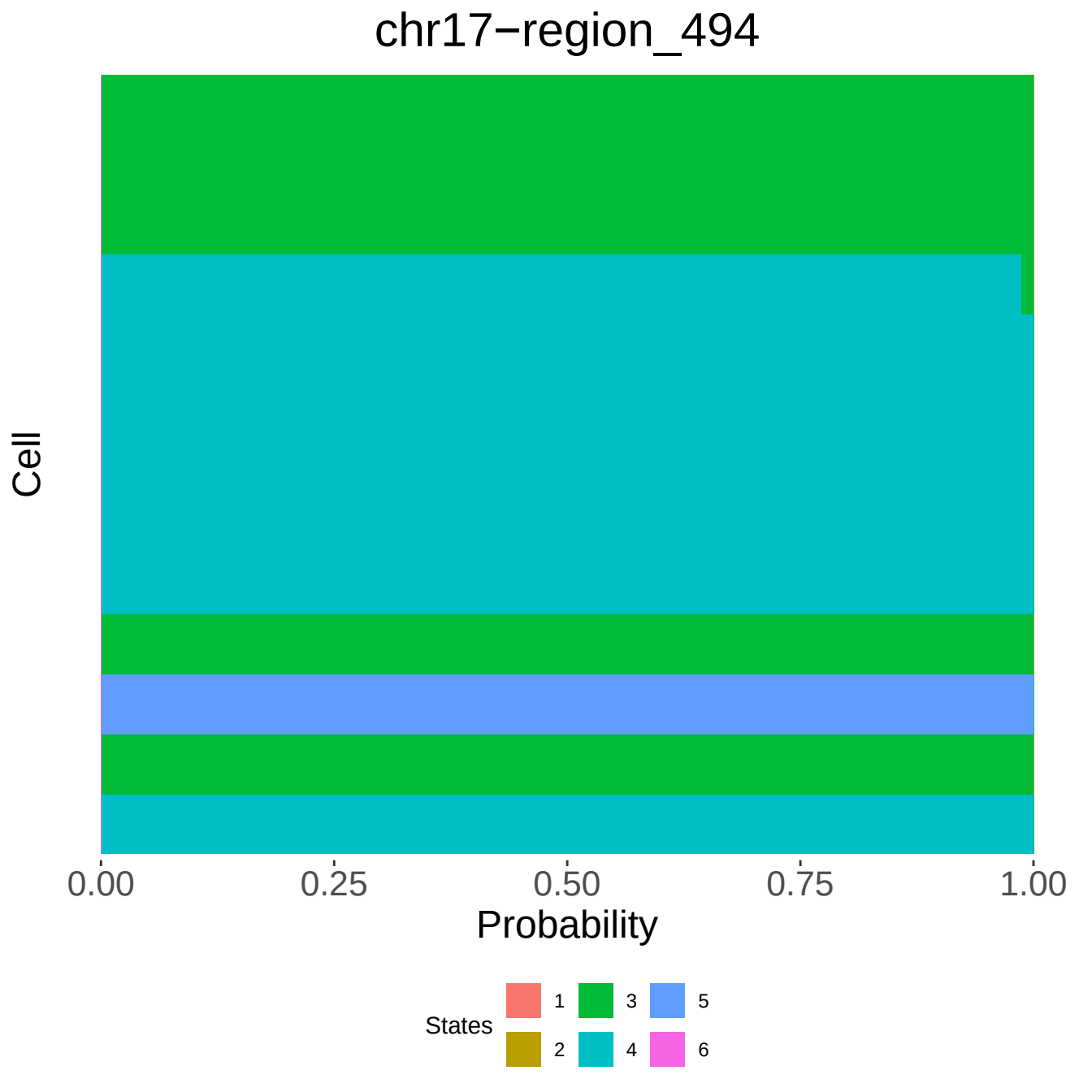
3
4
5
6


chr17−region_494
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Probability
States
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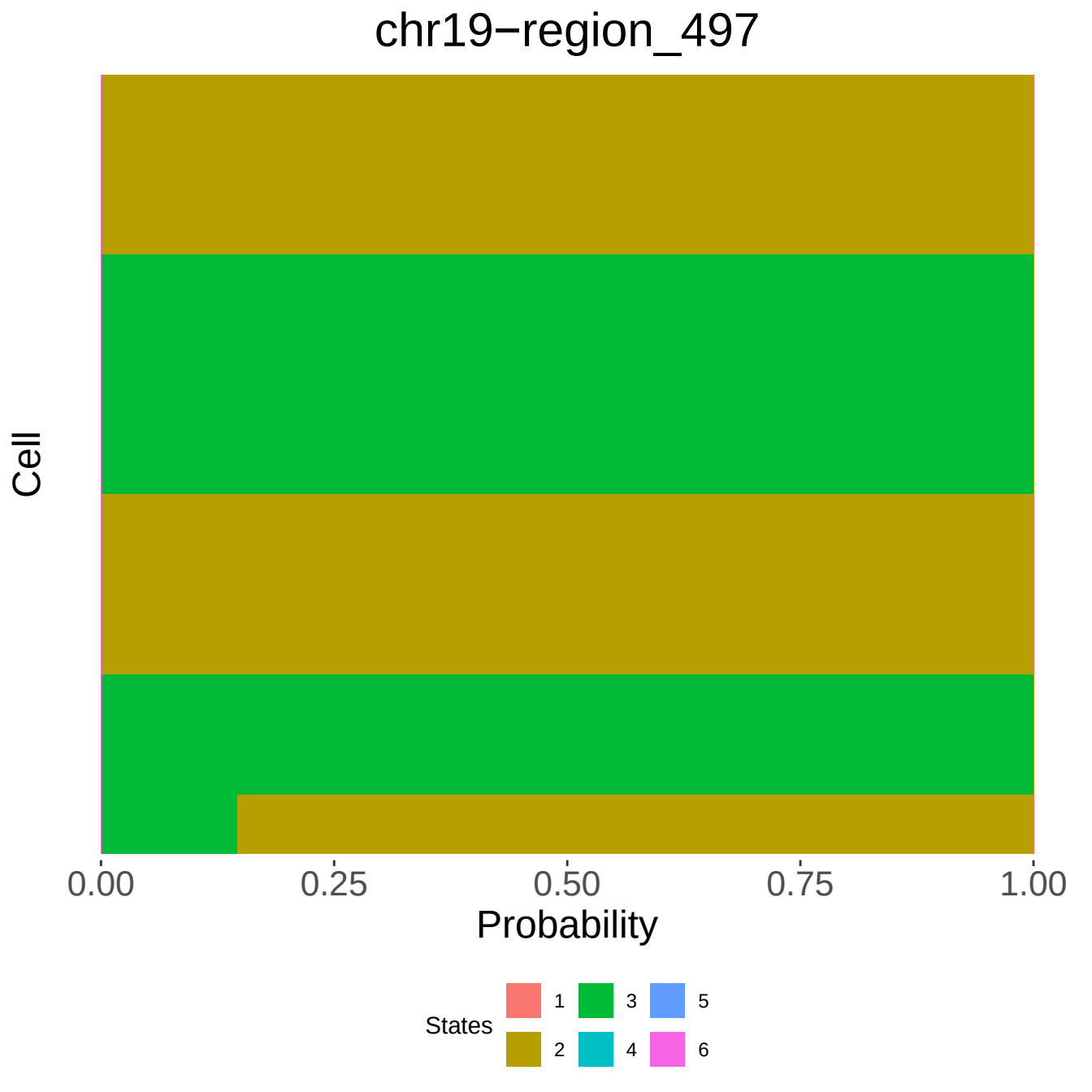
2
3
4
5
6


chr19−region_497
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Probability
States
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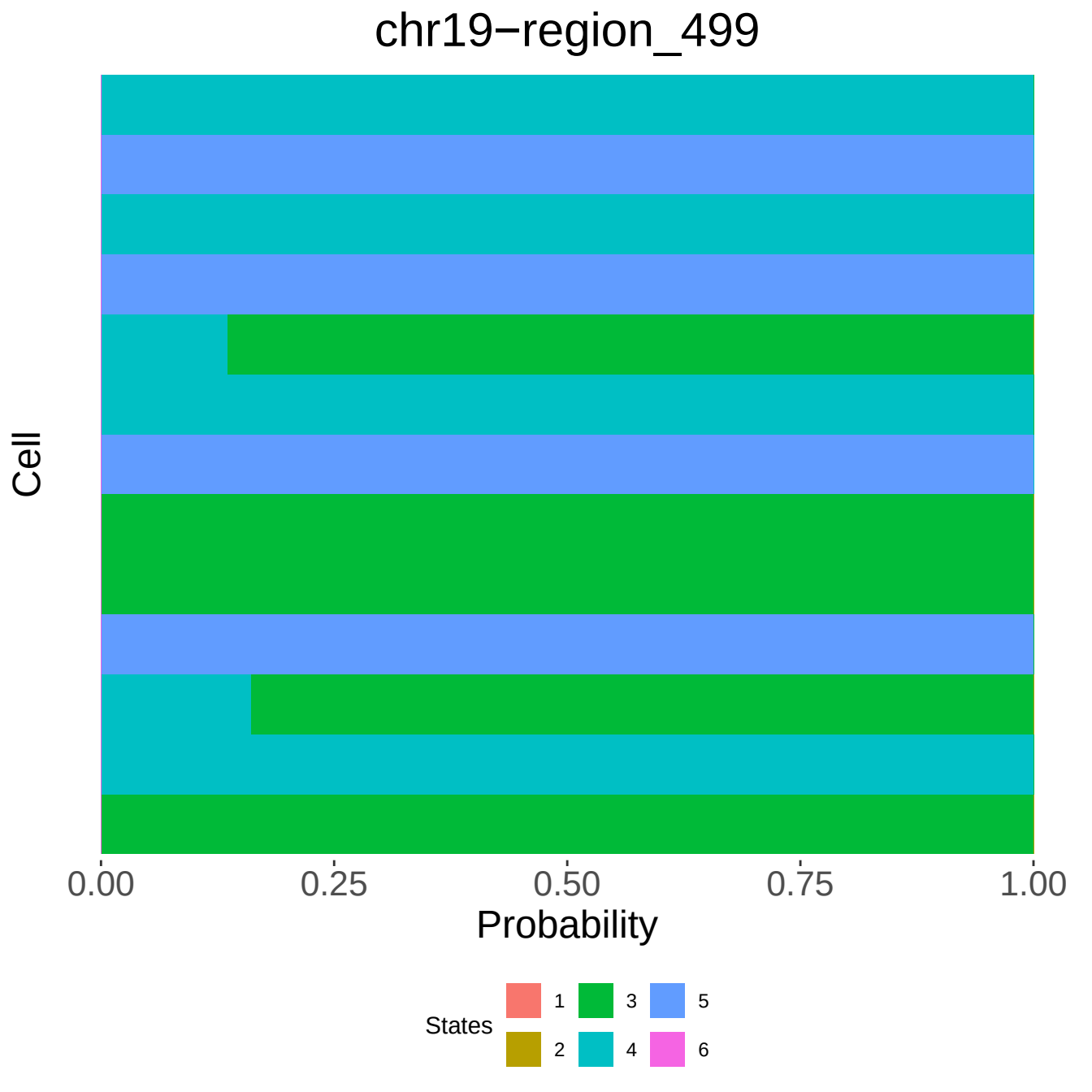
2
3
4
5
6


chr19−region_499
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Probability
States
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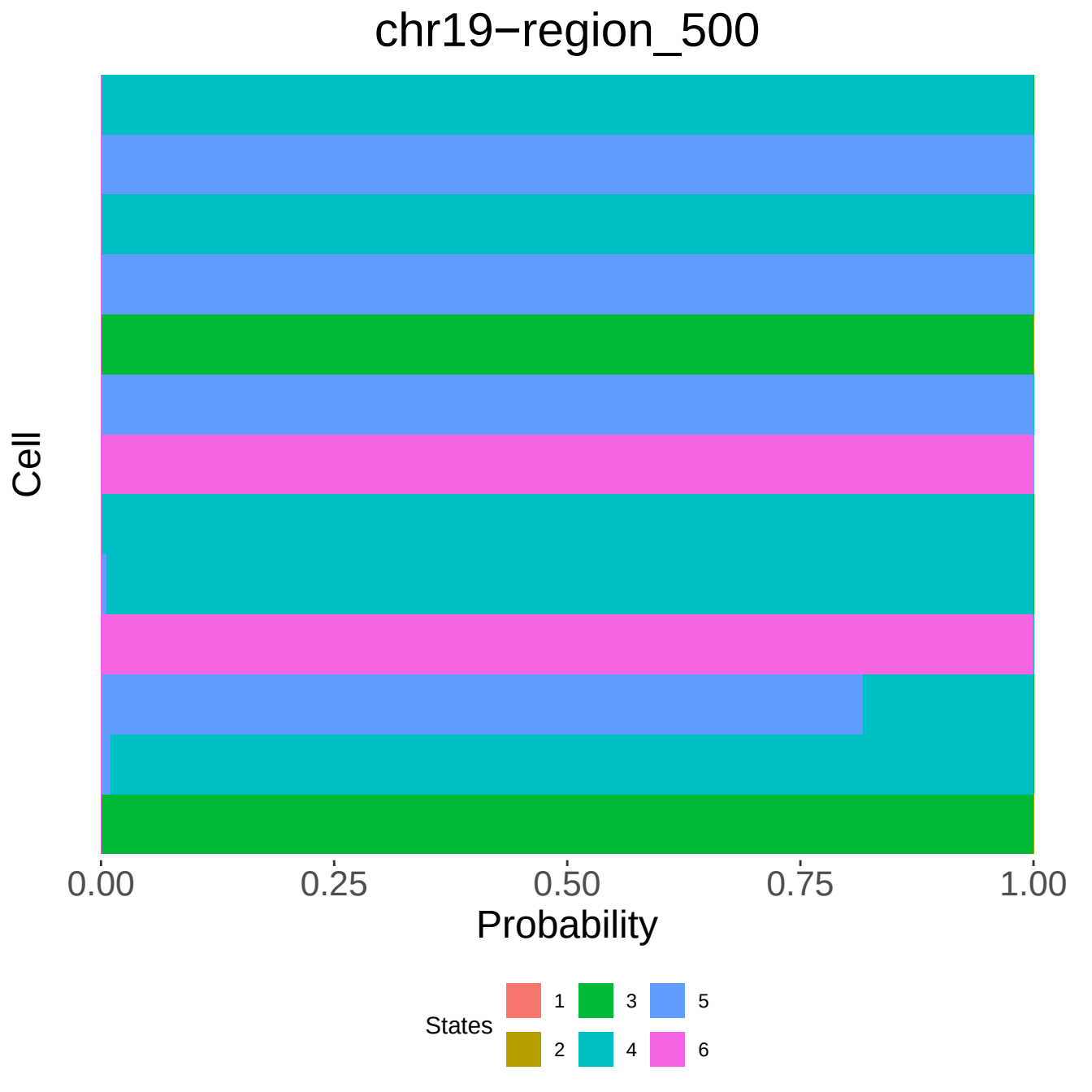
2
3
4
5
6


chr19−region_500
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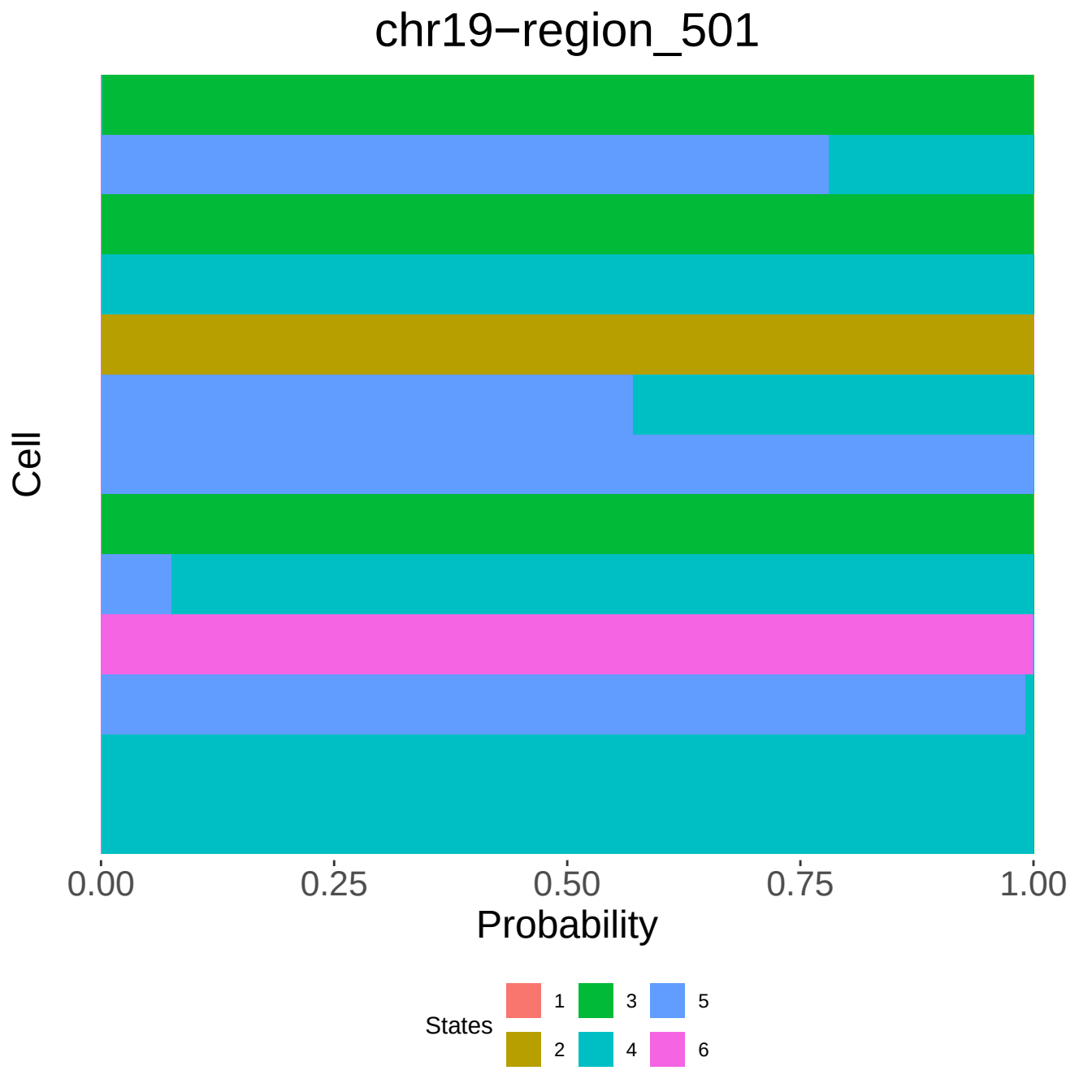
0.50
0.75
1.00
Probability
States
1
2
3
4
5
6


chr19−region_501
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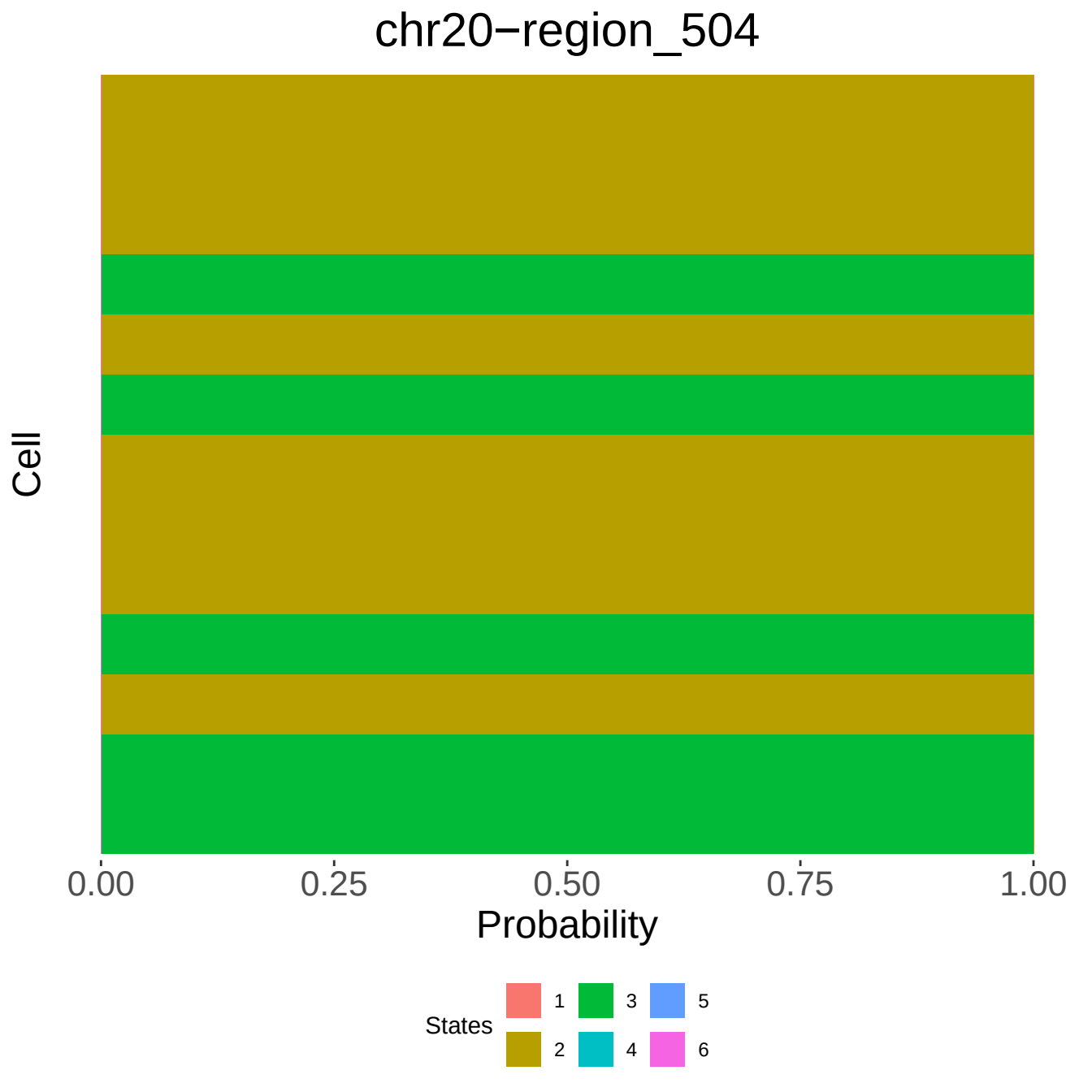
1.00
Probability
States
1
3
5
2
4
6


chr20−region_504
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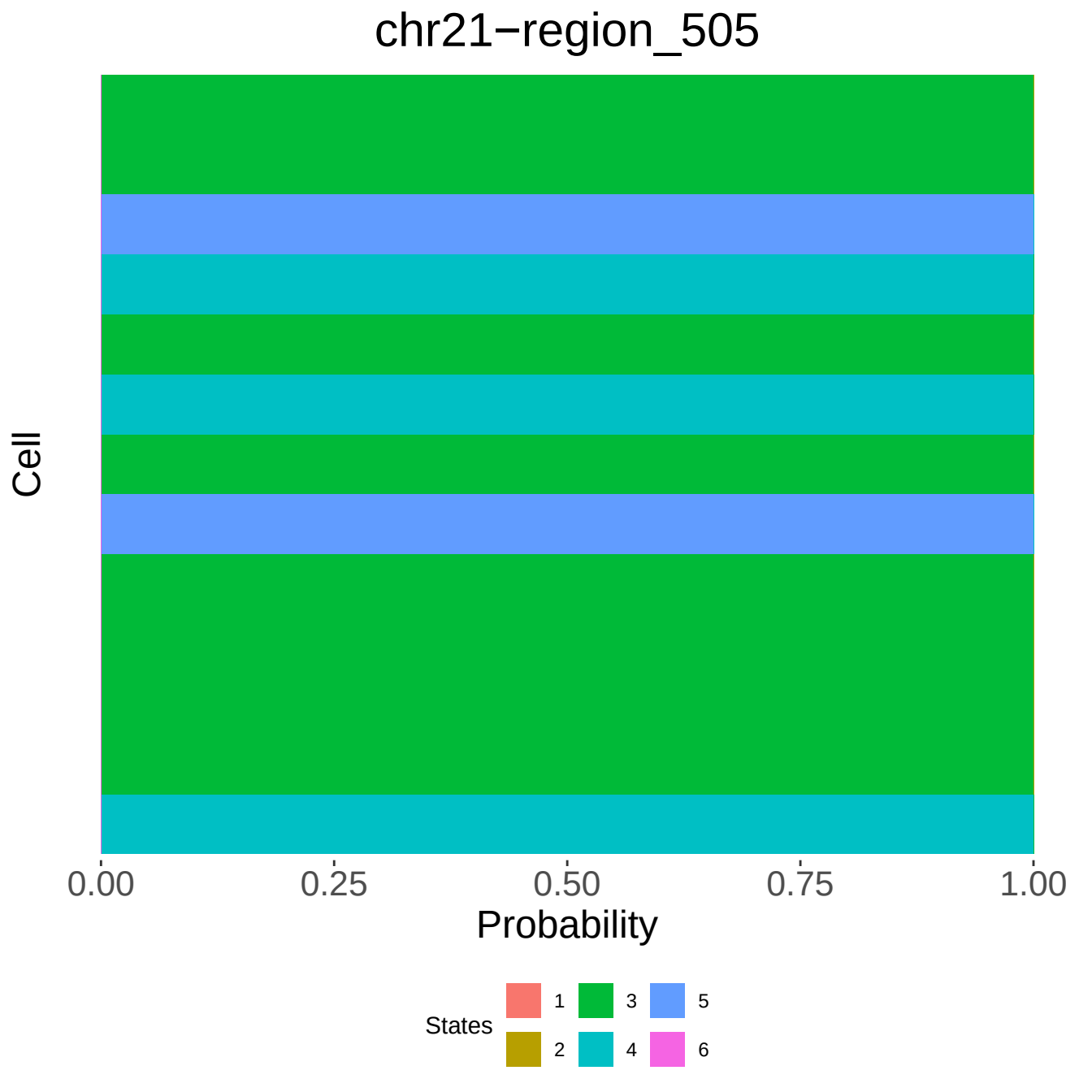
0.75
1.00
Probability
States
1
2
3
4
5
6


chr21−region_505
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0.50
0.75
1.00
Probability
States
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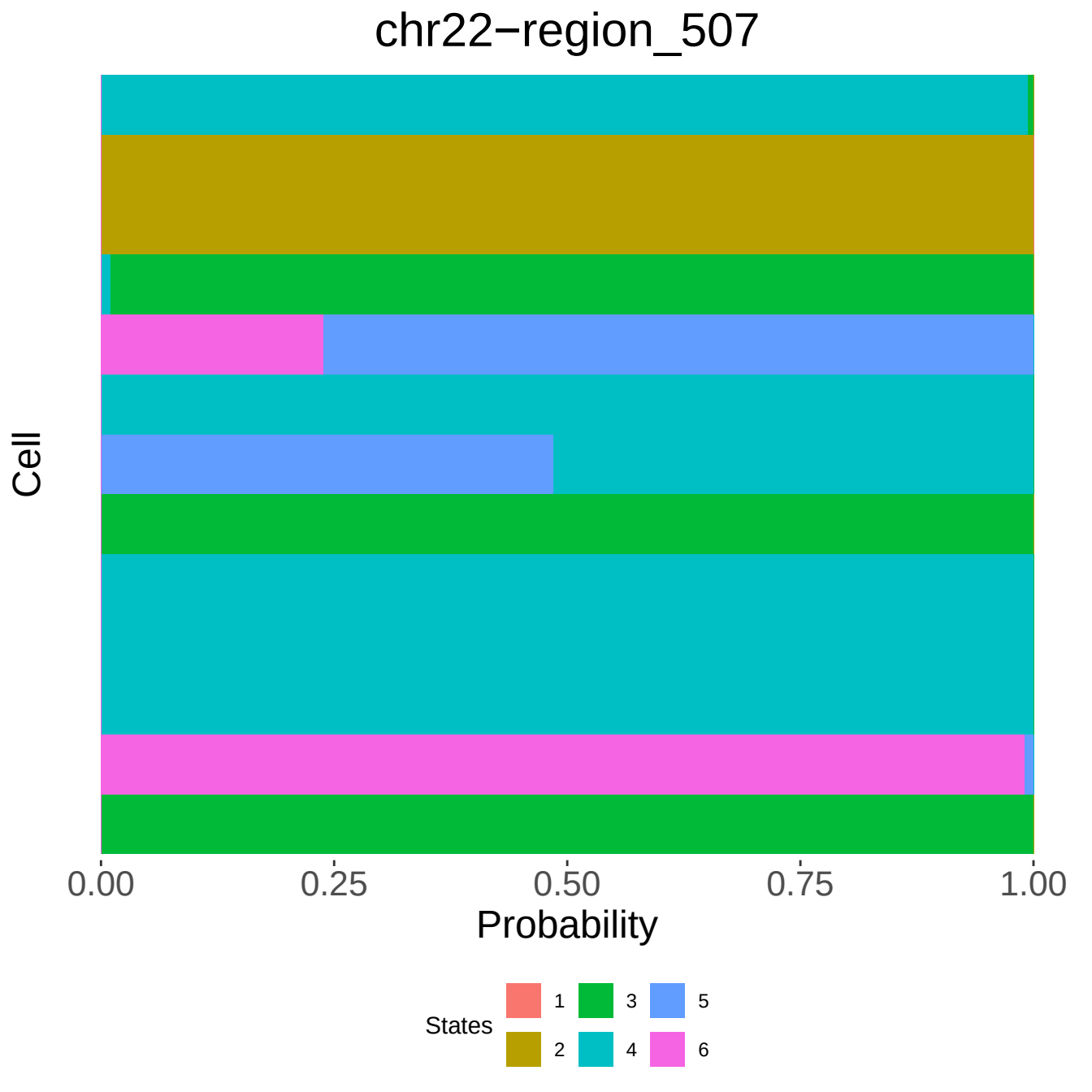
2
3
4
5
6


chr22−region_507
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Probability
States
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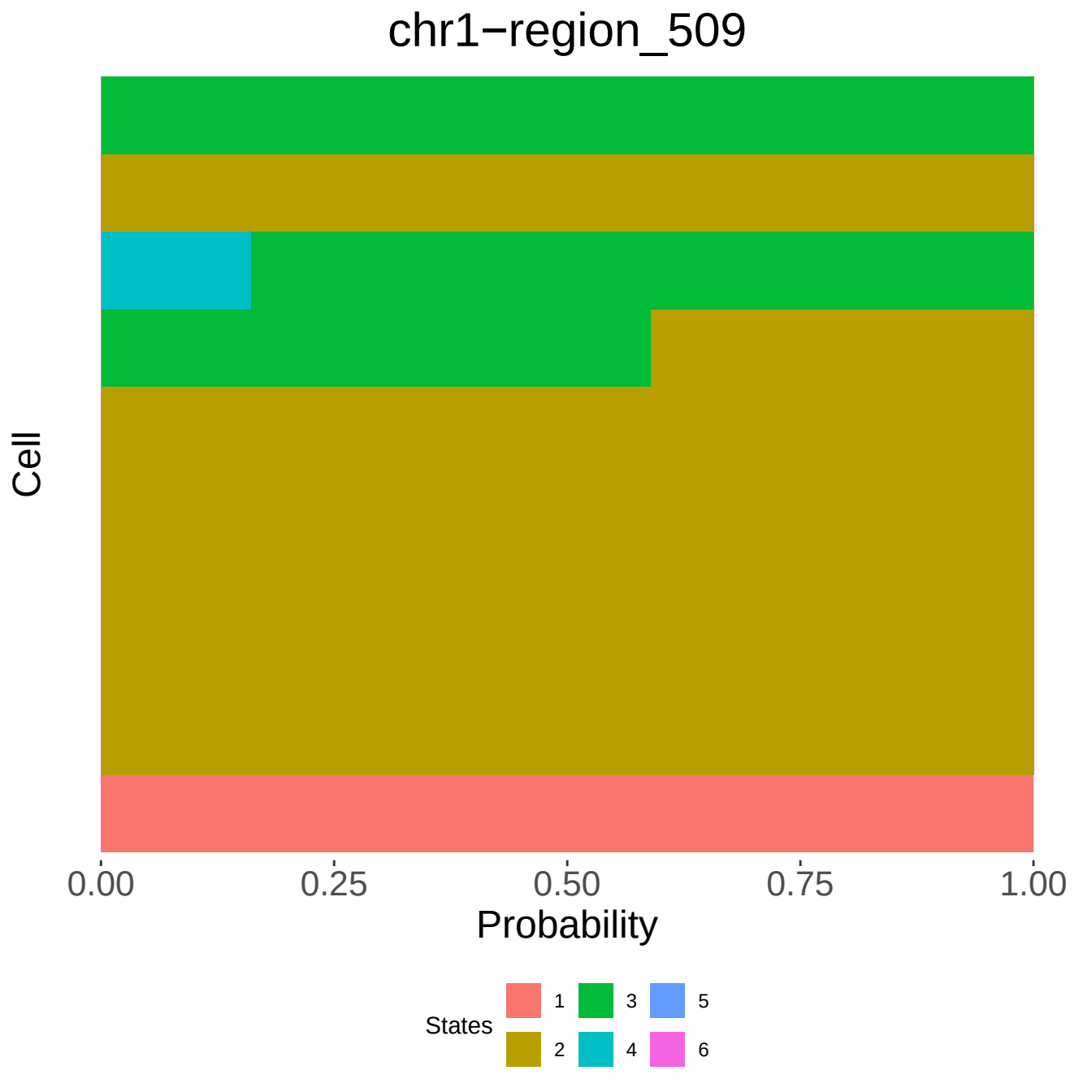
2
3
4
5
6


chr1−region_509
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0.50
0.75
1.00
Probability
States
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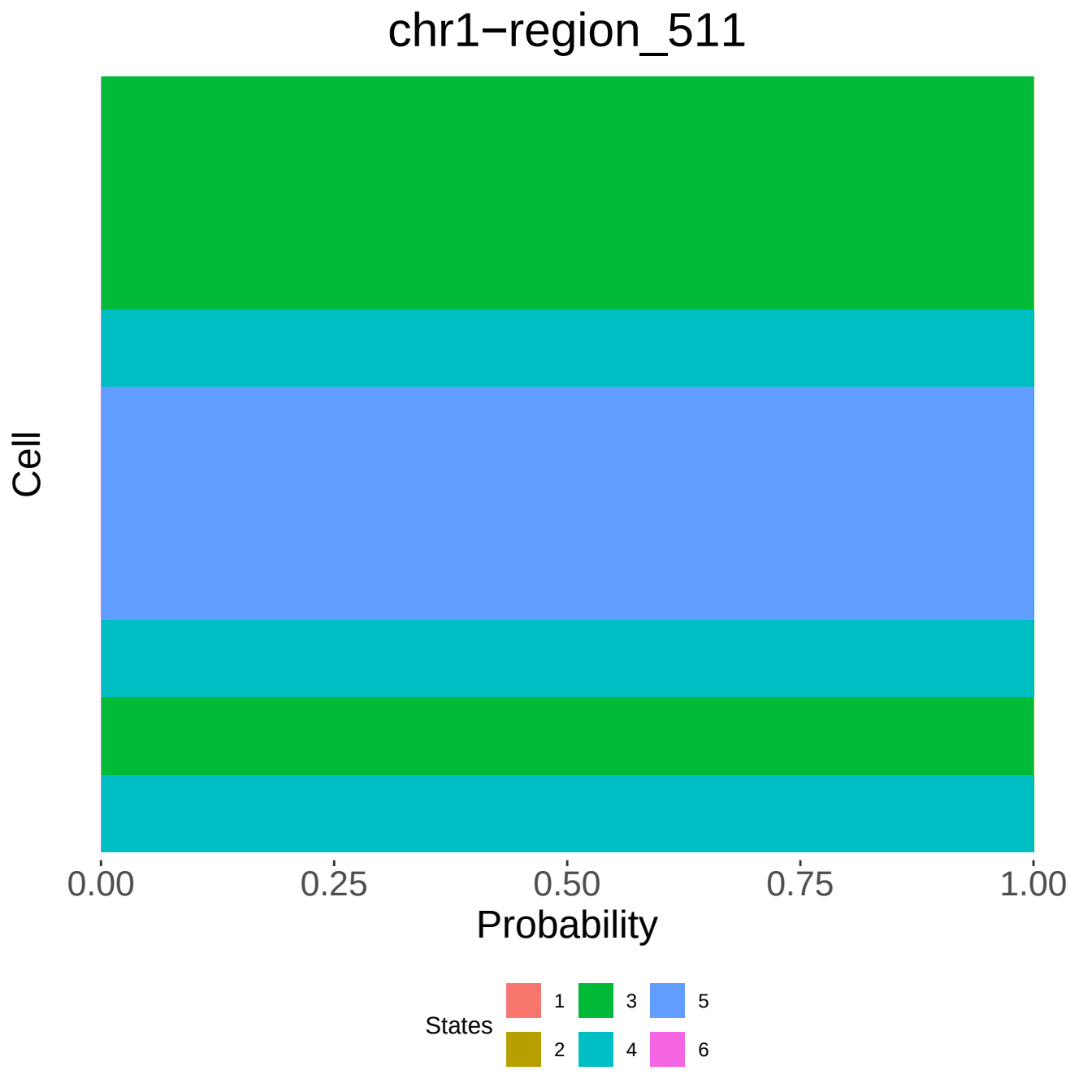
2
3
4
5
6


chr1−region_511
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Probability
States
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2
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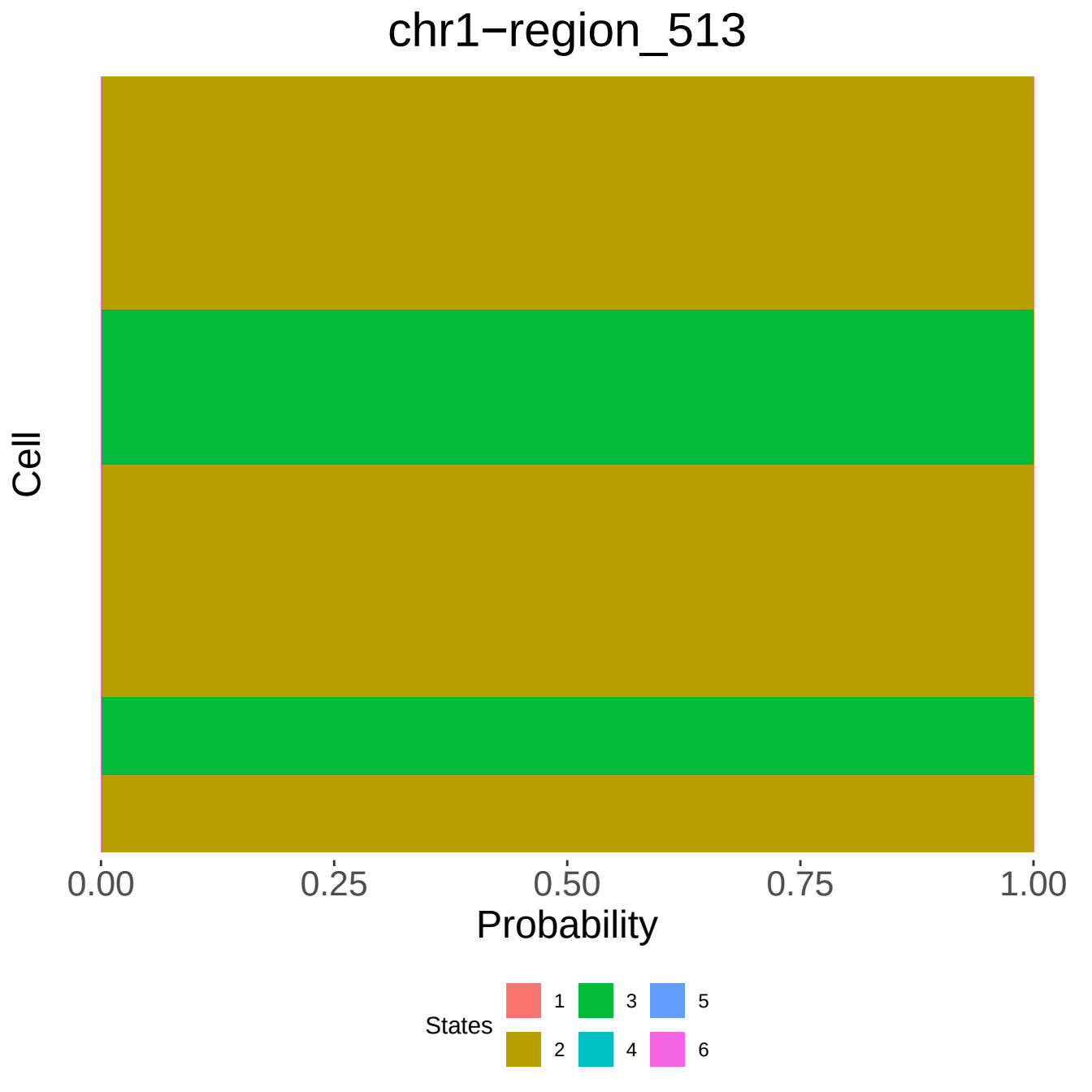
4
5
6


chr1−region_513
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1.00
Probability
States
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3
4
5
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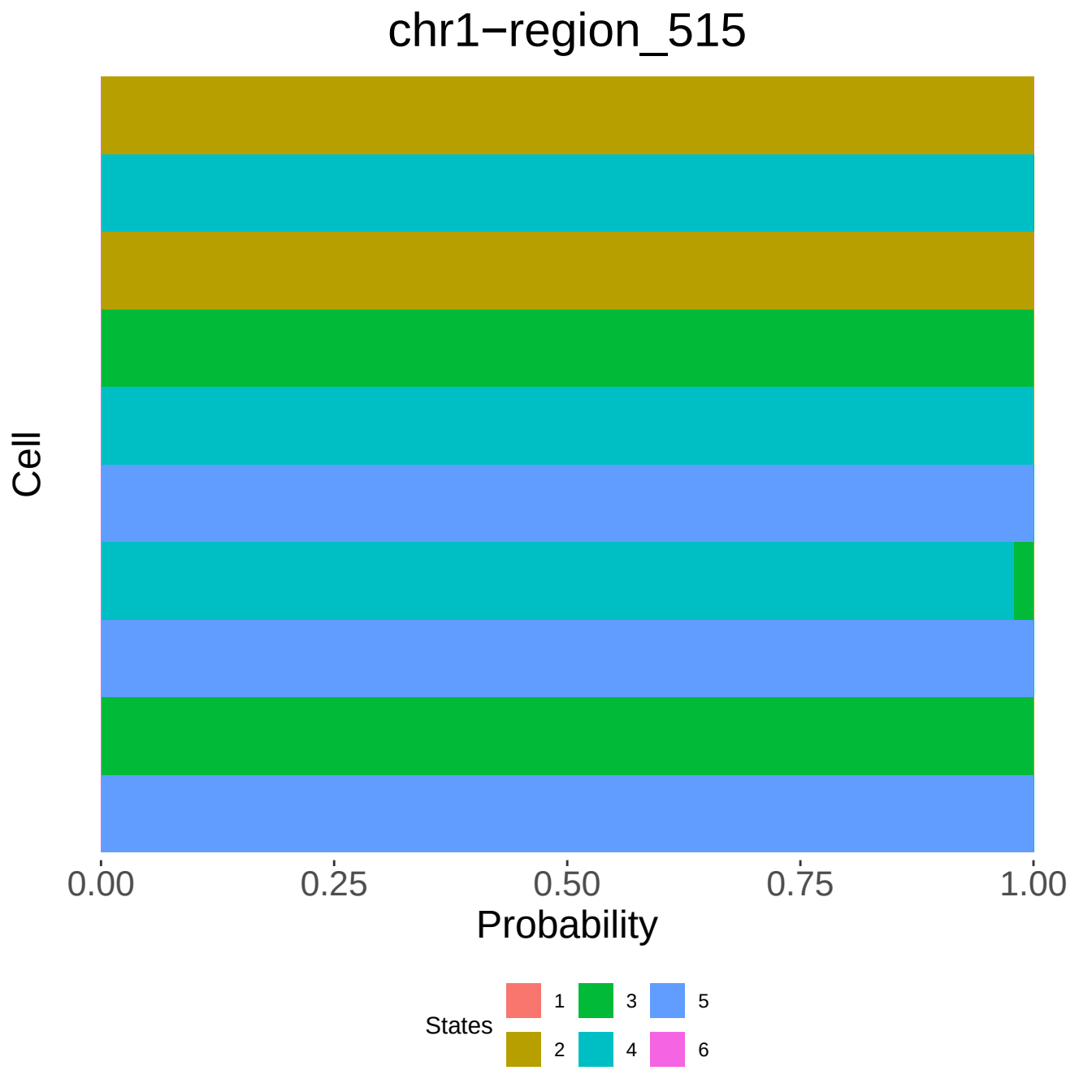
chr1−region_515
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Probability
States
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3
4
5
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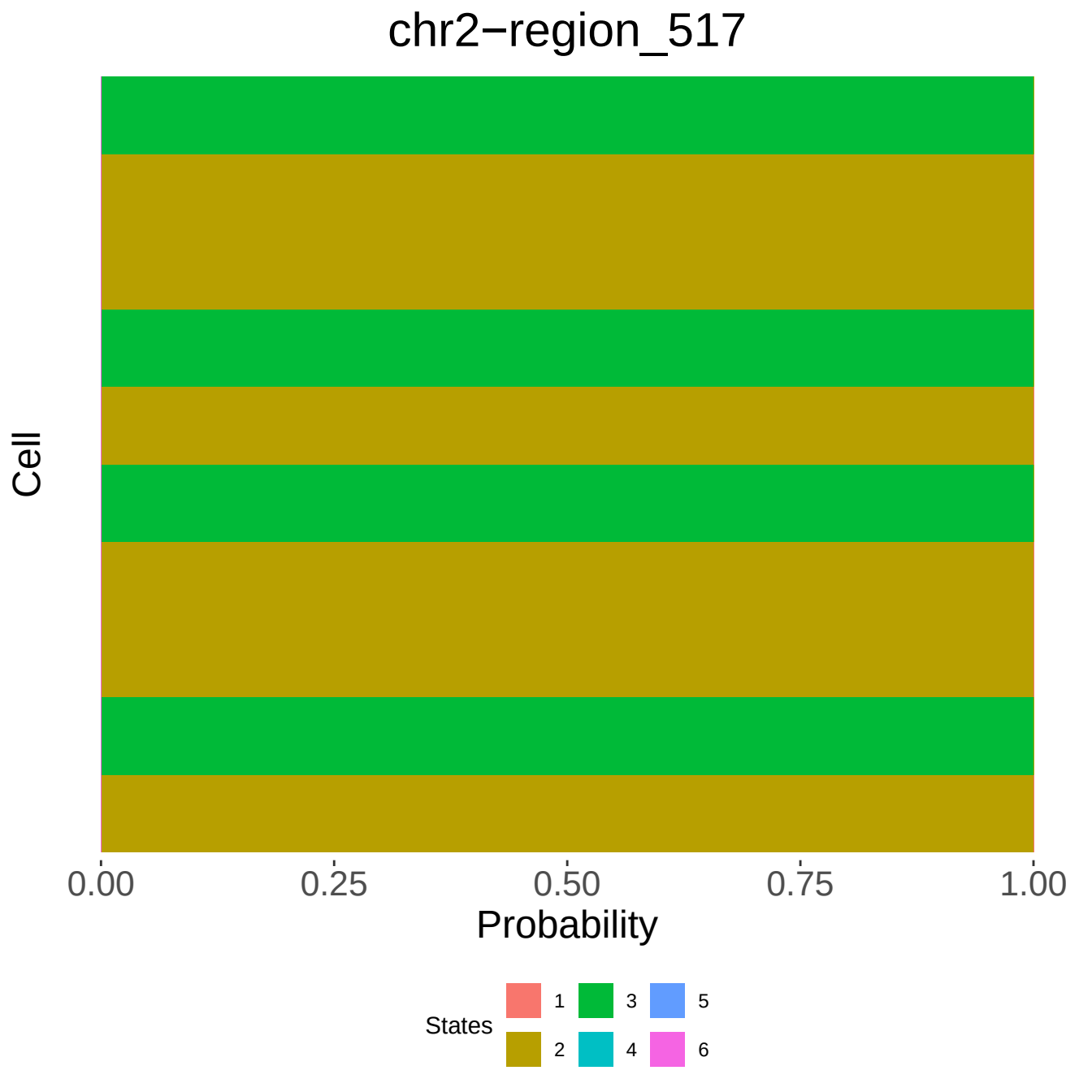
chr2−region_517
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0.75
1.00
Probability
States
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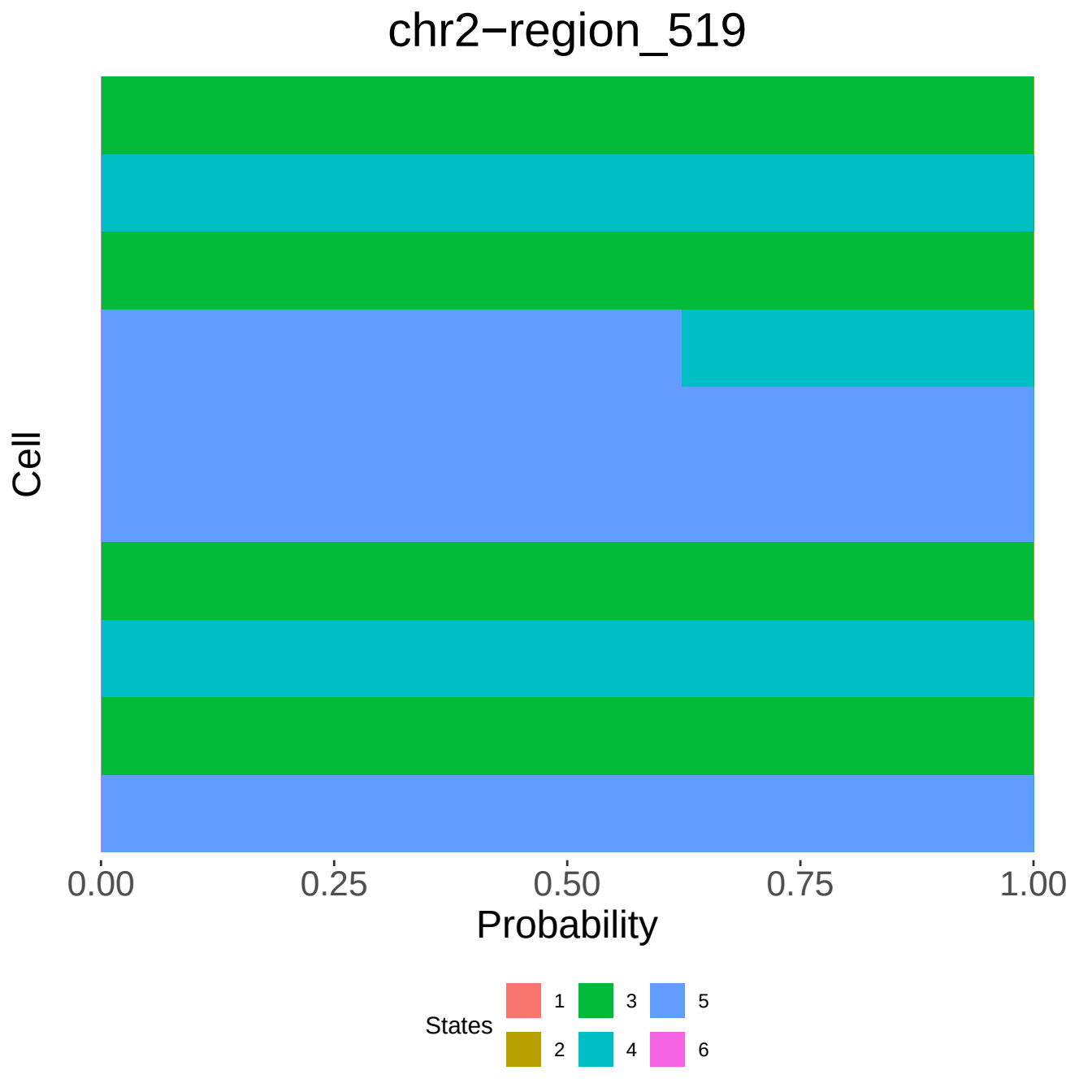
2
3
4
5
6


chr2−region_519
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Probability
States
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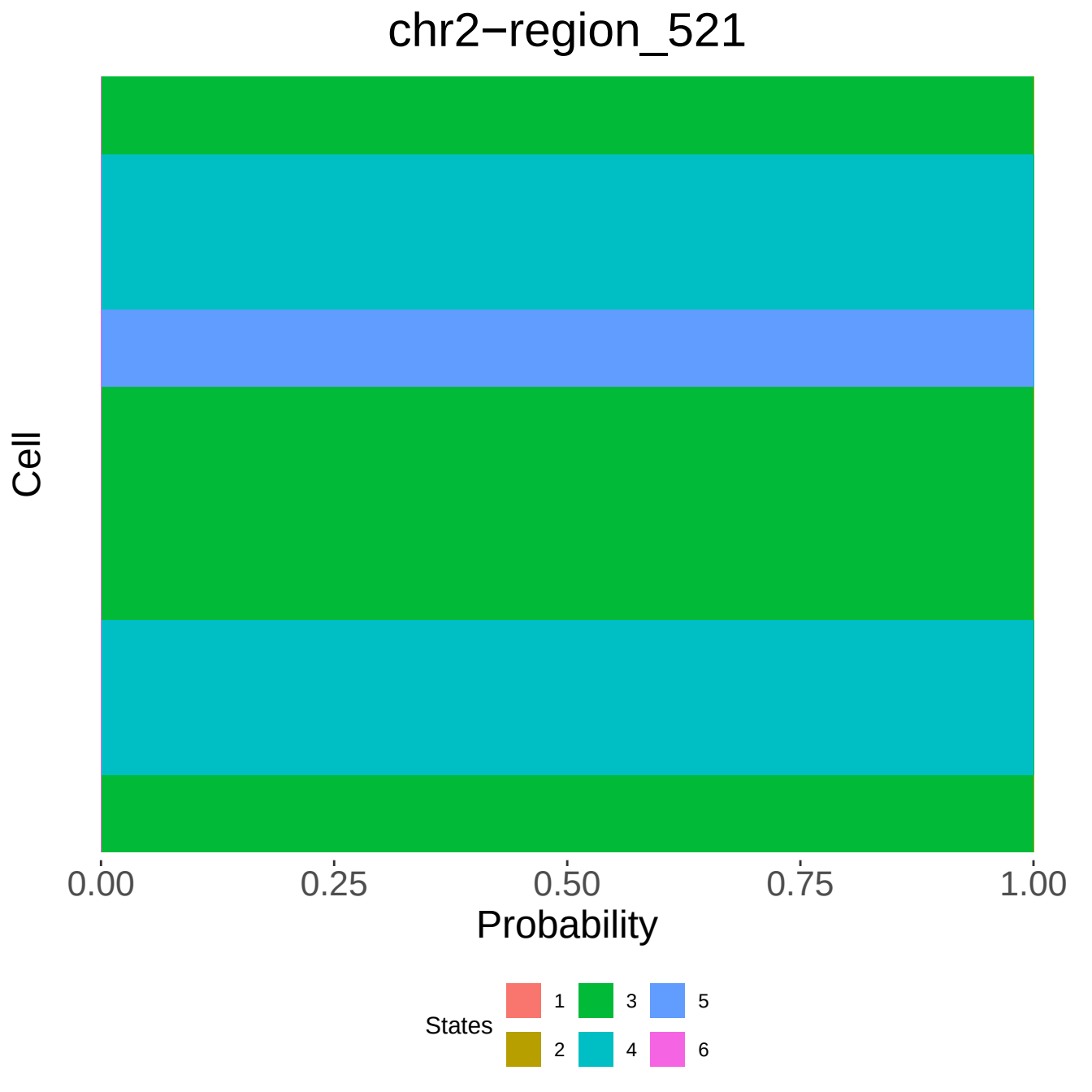
4
5
6


chr2−region_521
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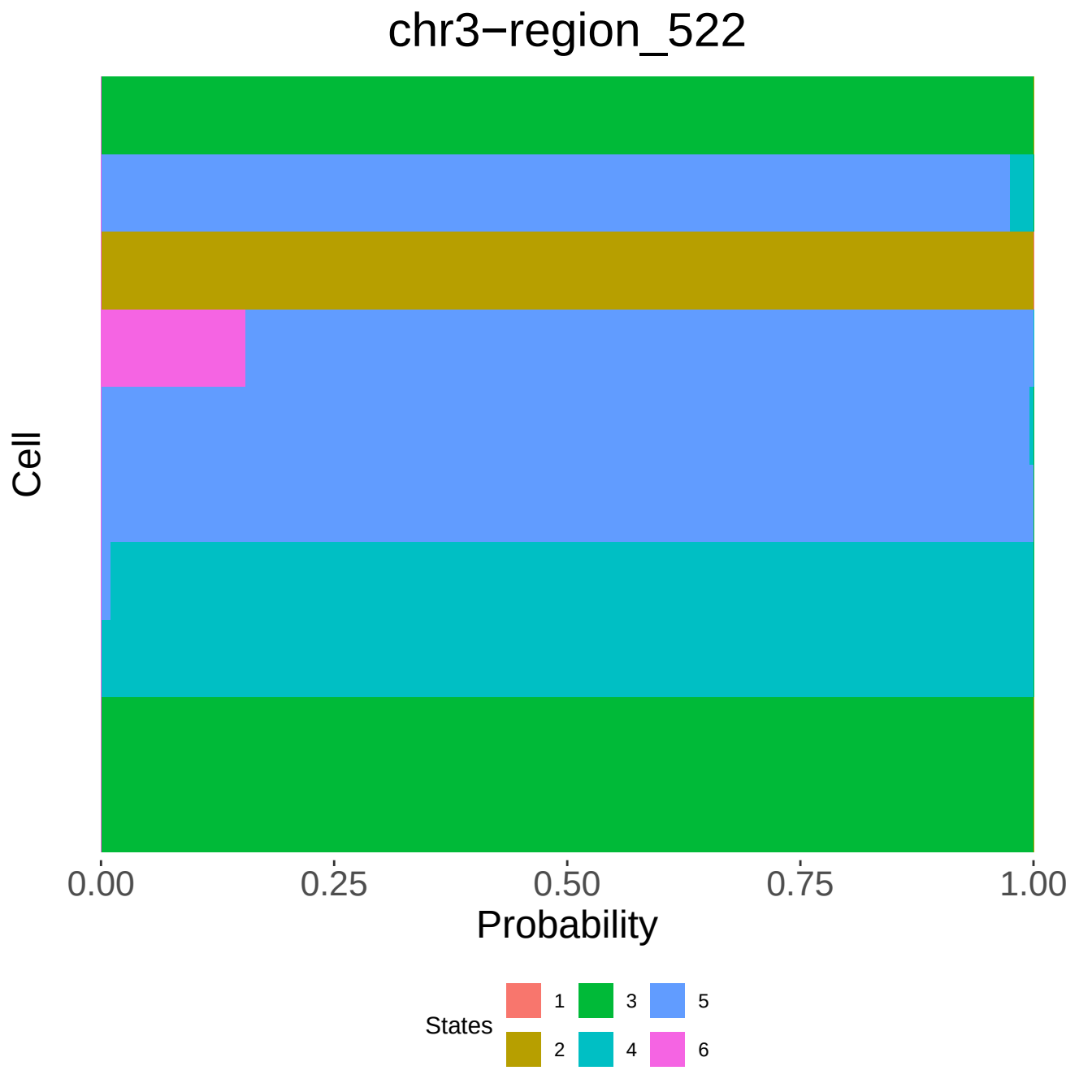
0.00
0.25
0.50
0.75
1.00
Probability
States
1
2
3
4
5
6


chr3−region_522
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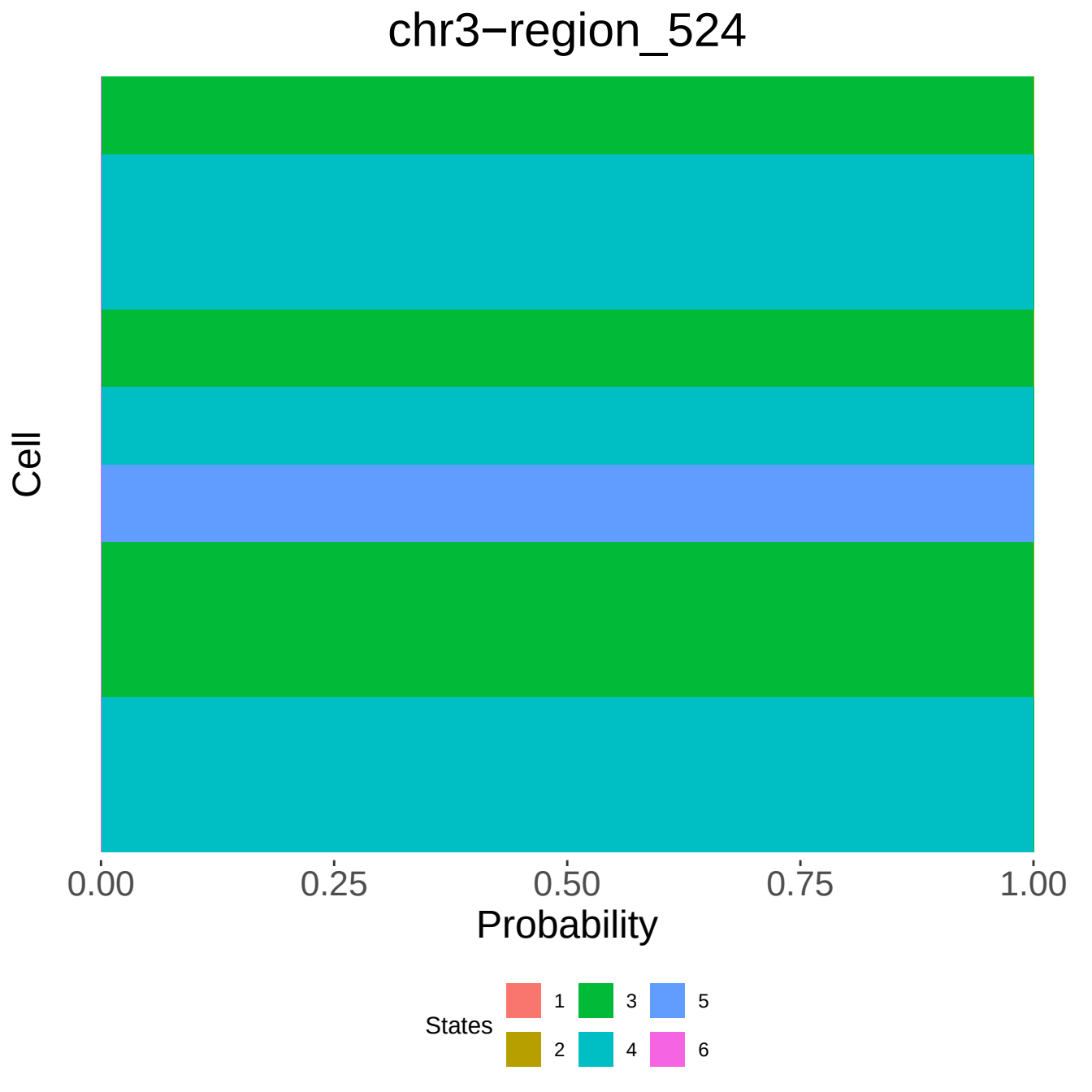
0.75
1.00
Probability
States
1
3
5
2
4
6


chr3−region_524
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Probability
States
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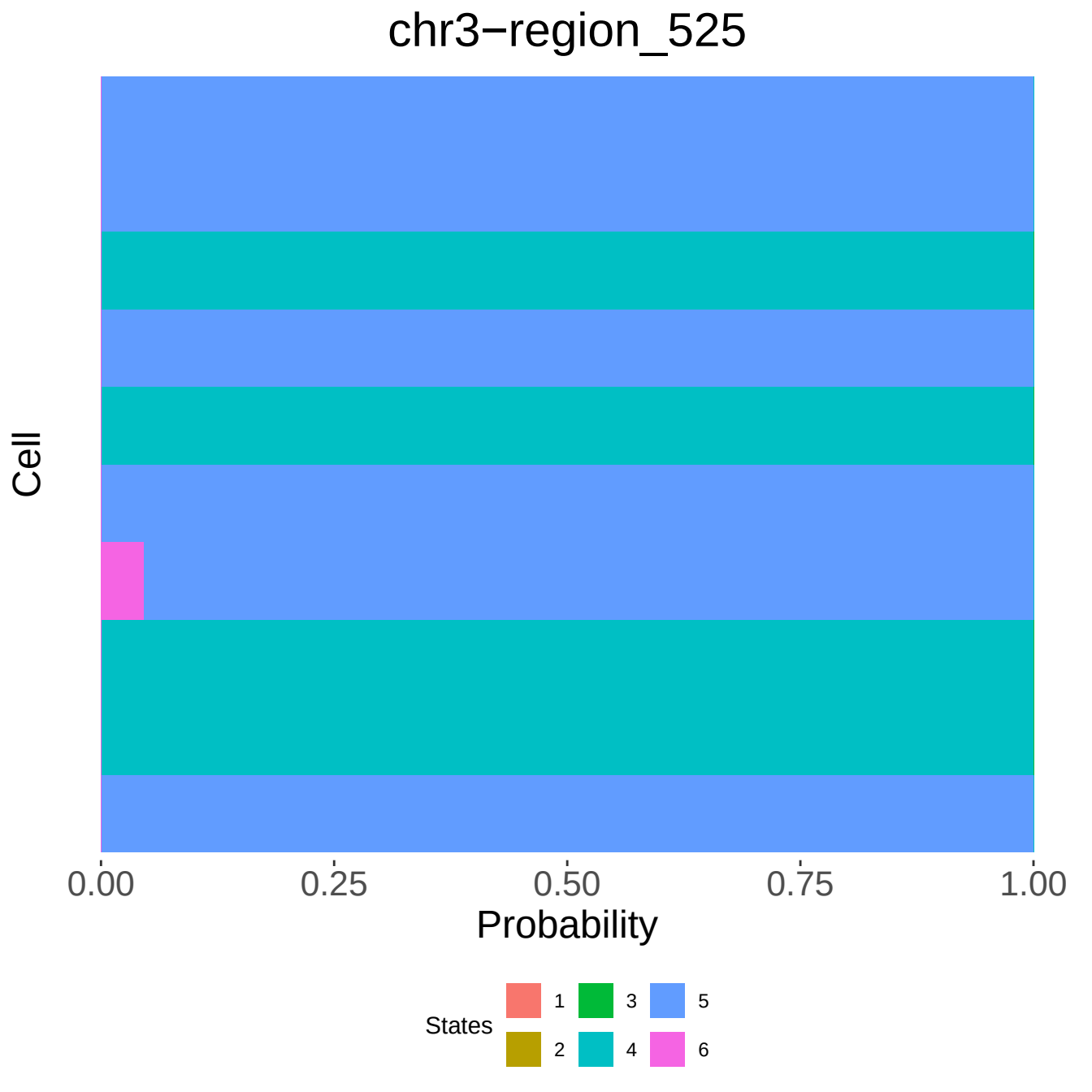
chr3−region_525
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1.00
Probability
States
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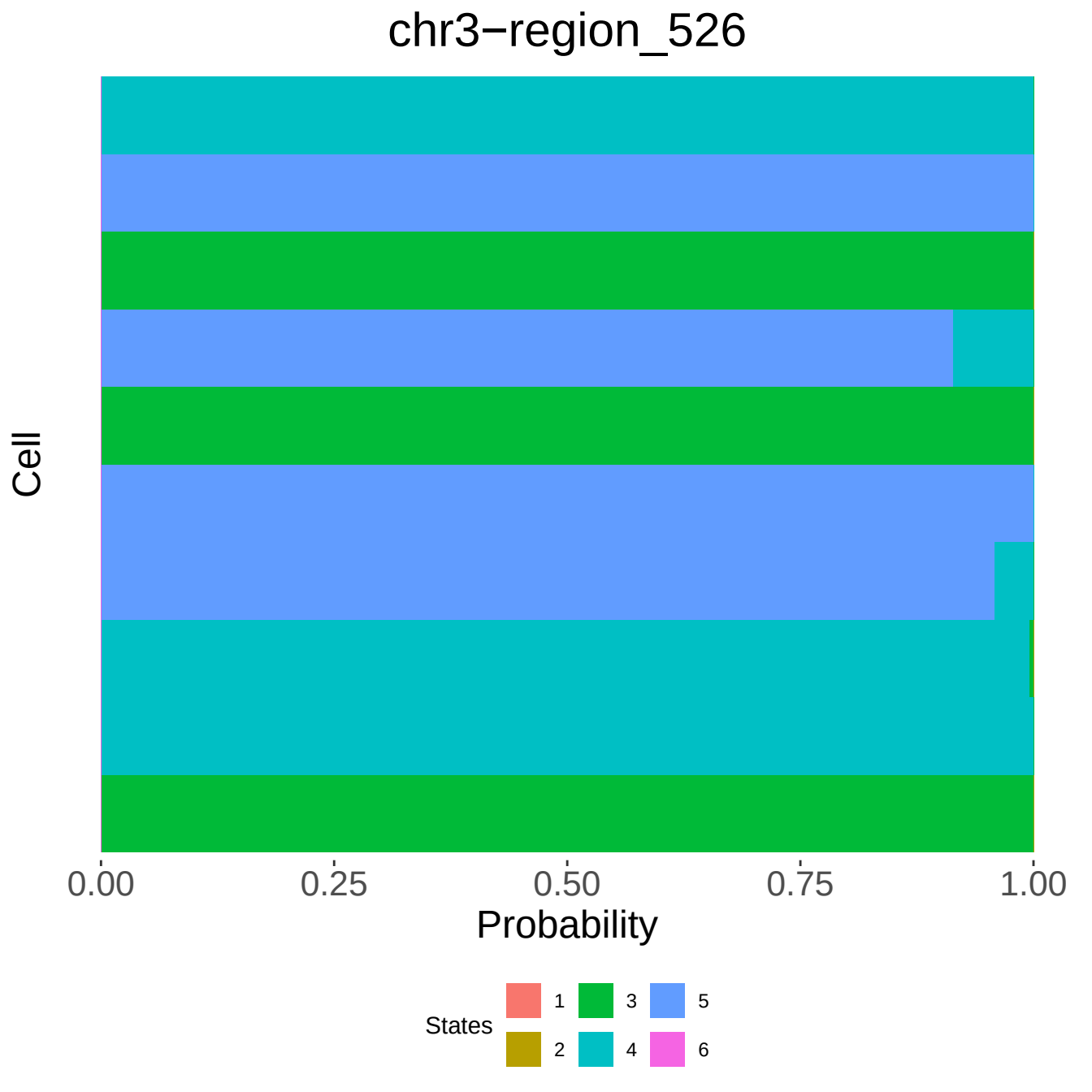
chr3−region_526
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Probability
States
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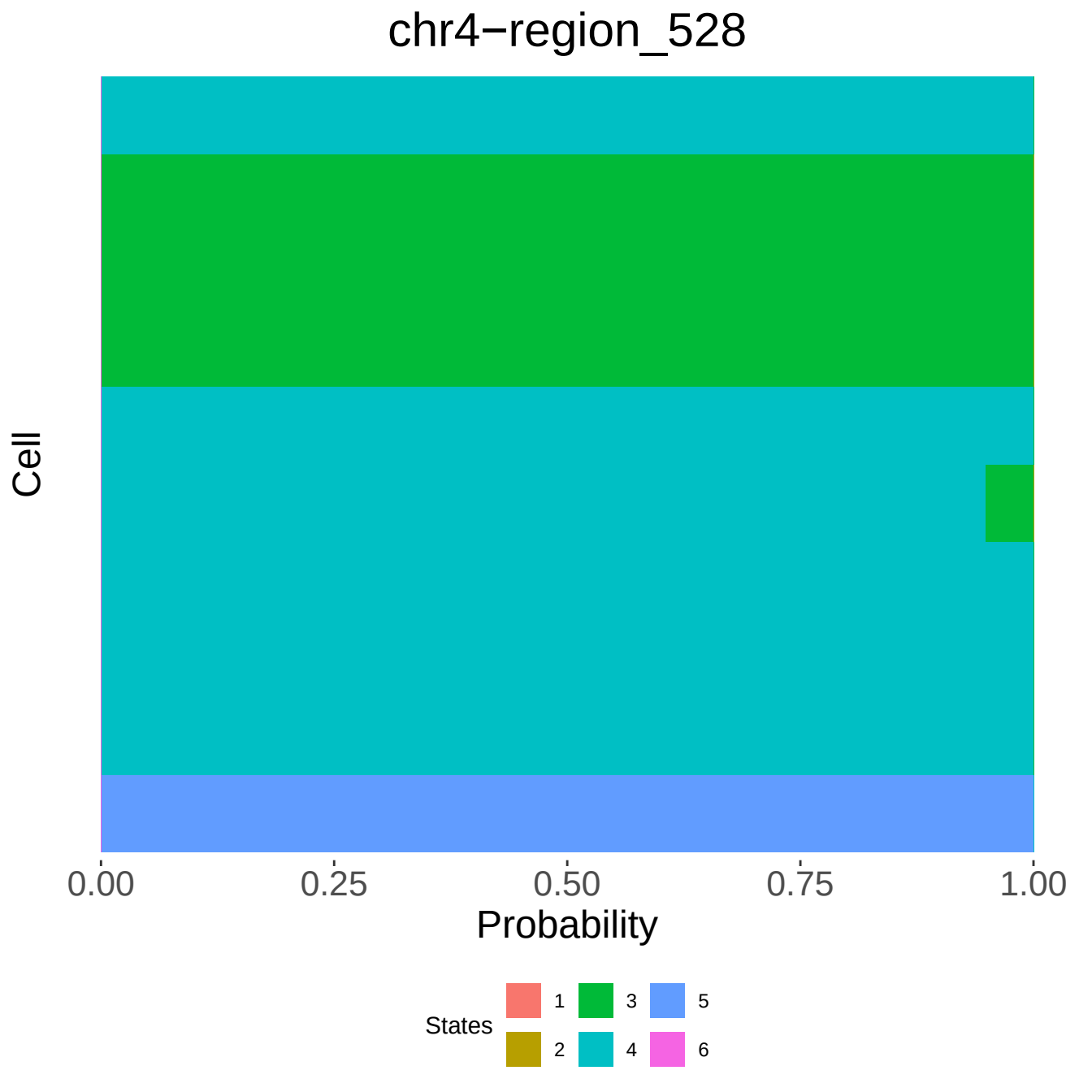
chr4−region_528
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Probability
States
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3
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5
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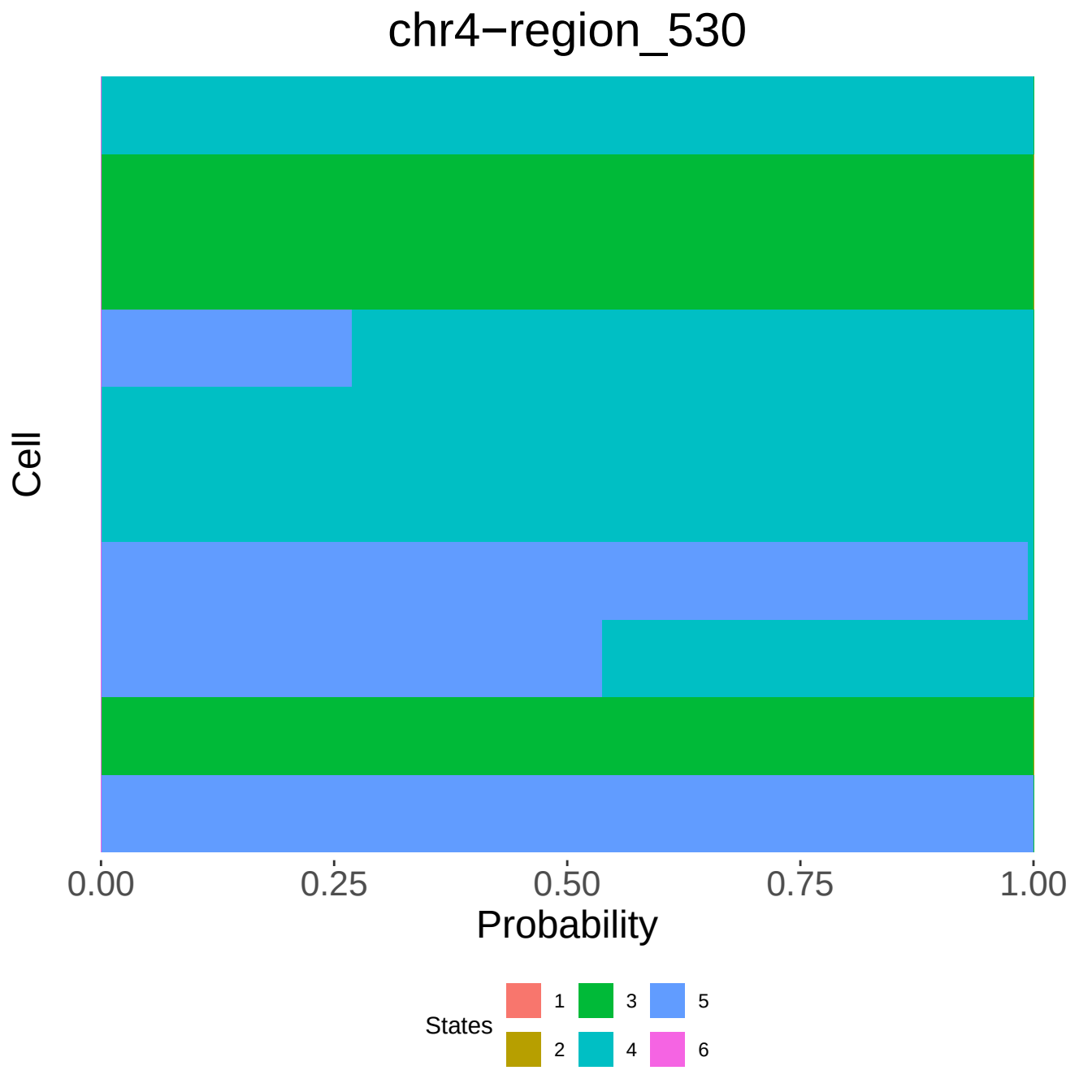
chr4−region_530
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Probability
States
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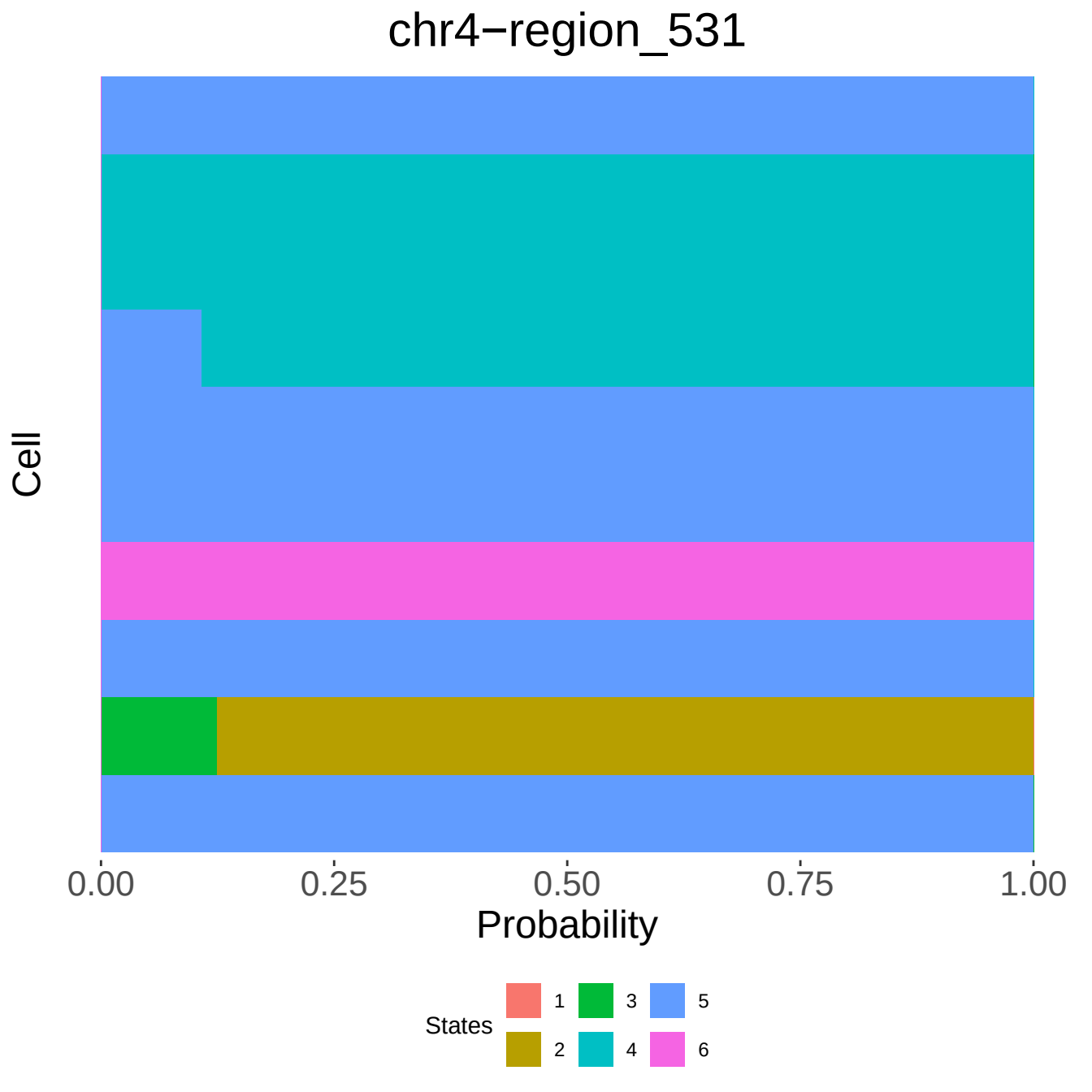
chr4−region_531
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Probability
States
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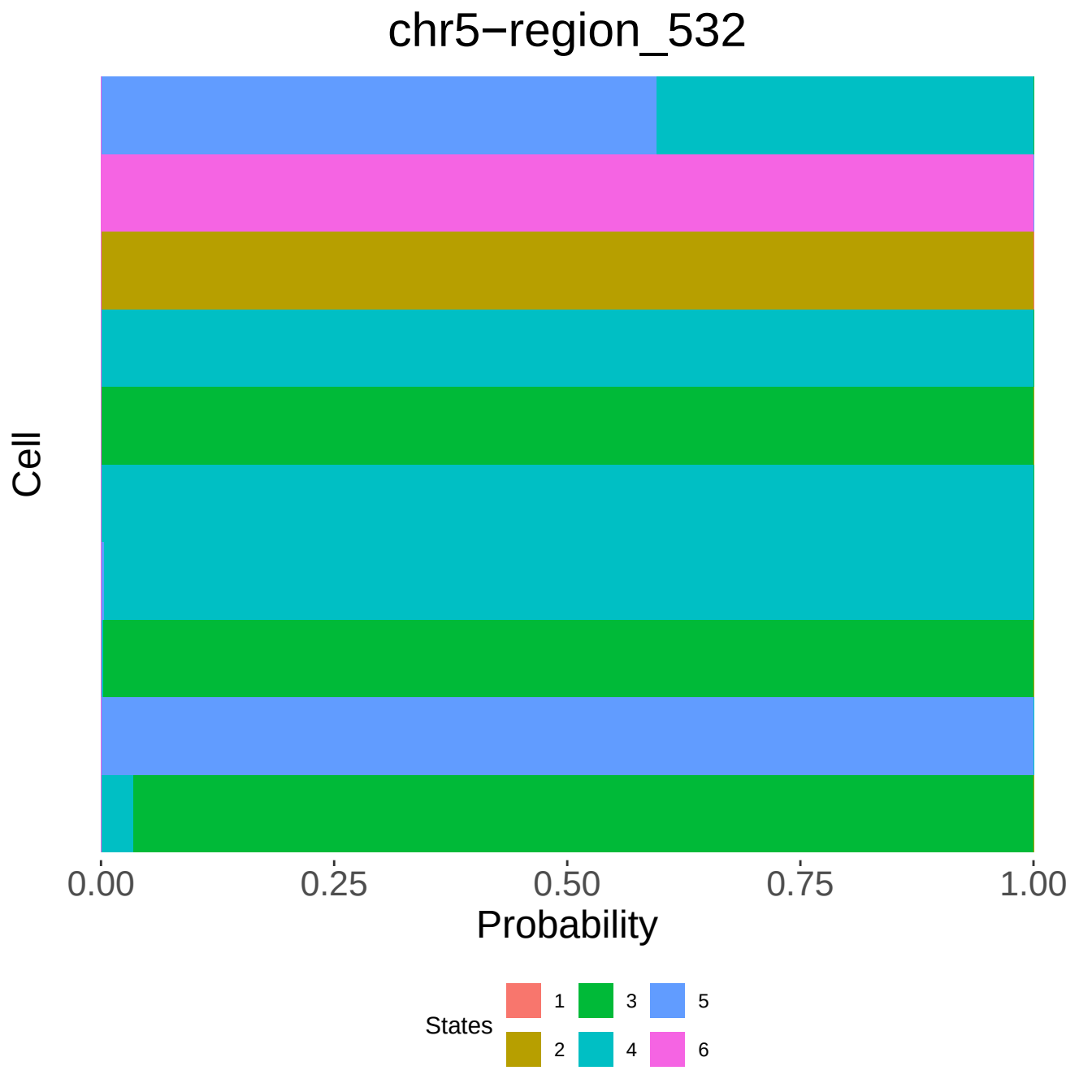
chr5−region_532
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0.50
0.75
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Probability
States
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4
5
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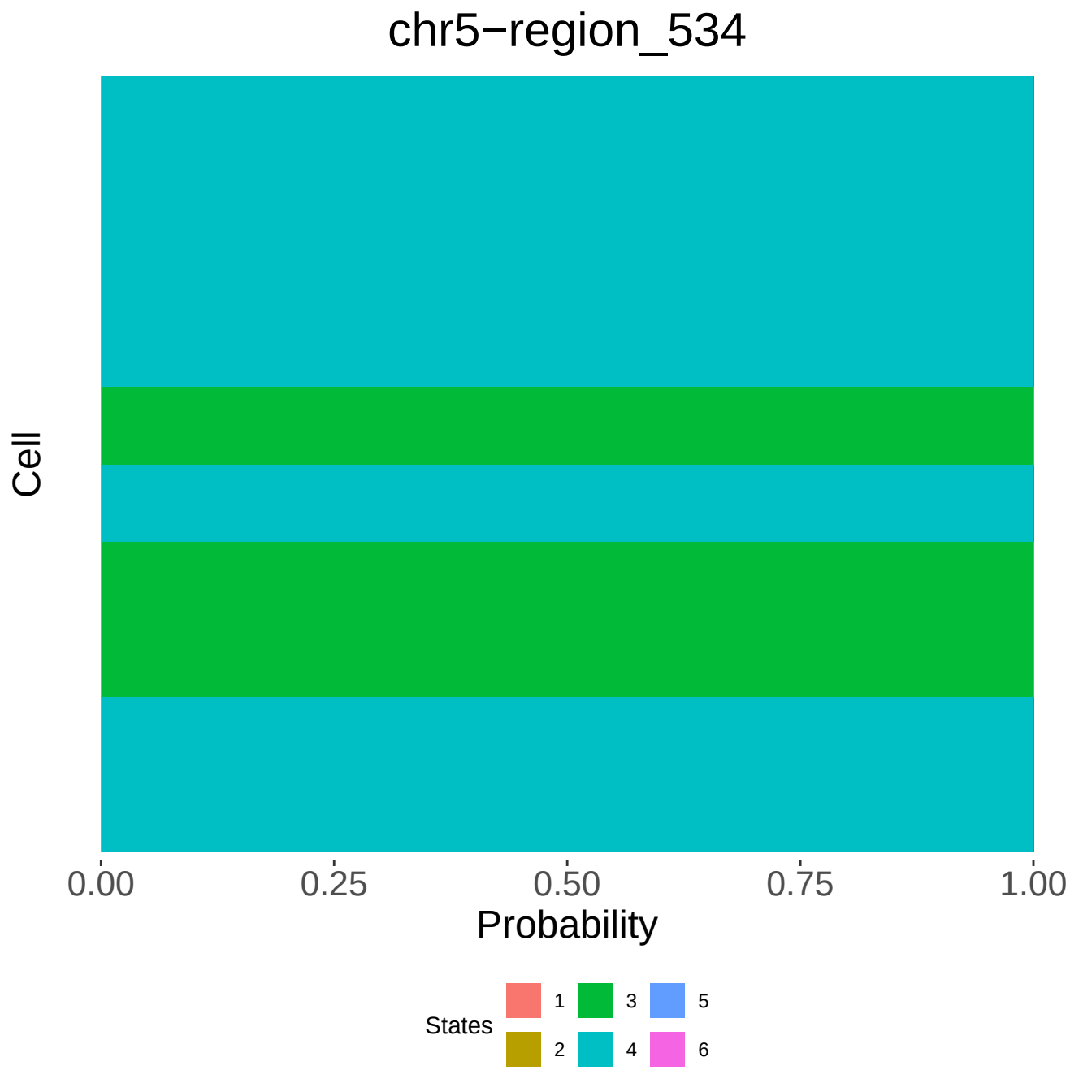
chr5−region_534
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Probability
States
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4
5
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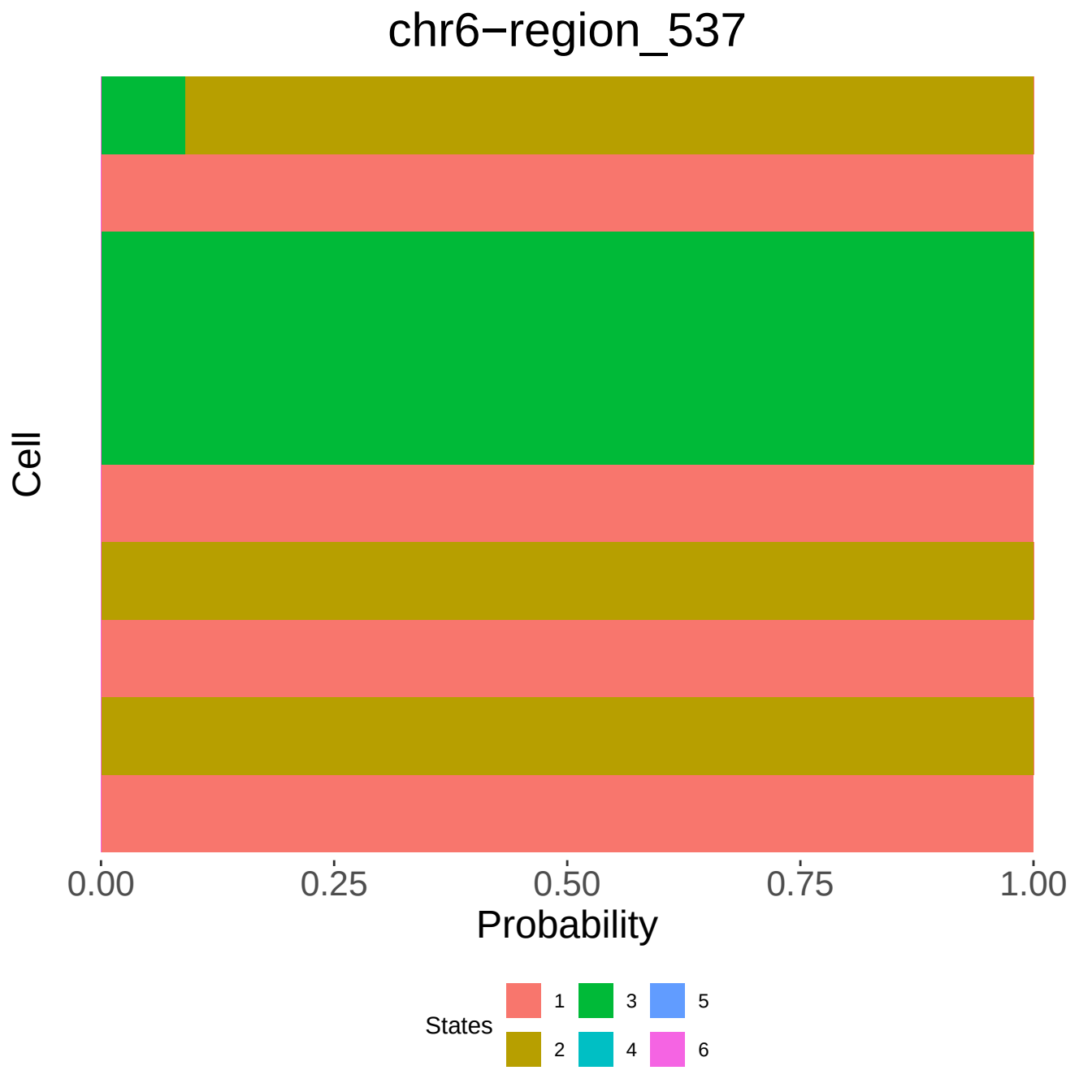
chr6−region_537
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Probability
States
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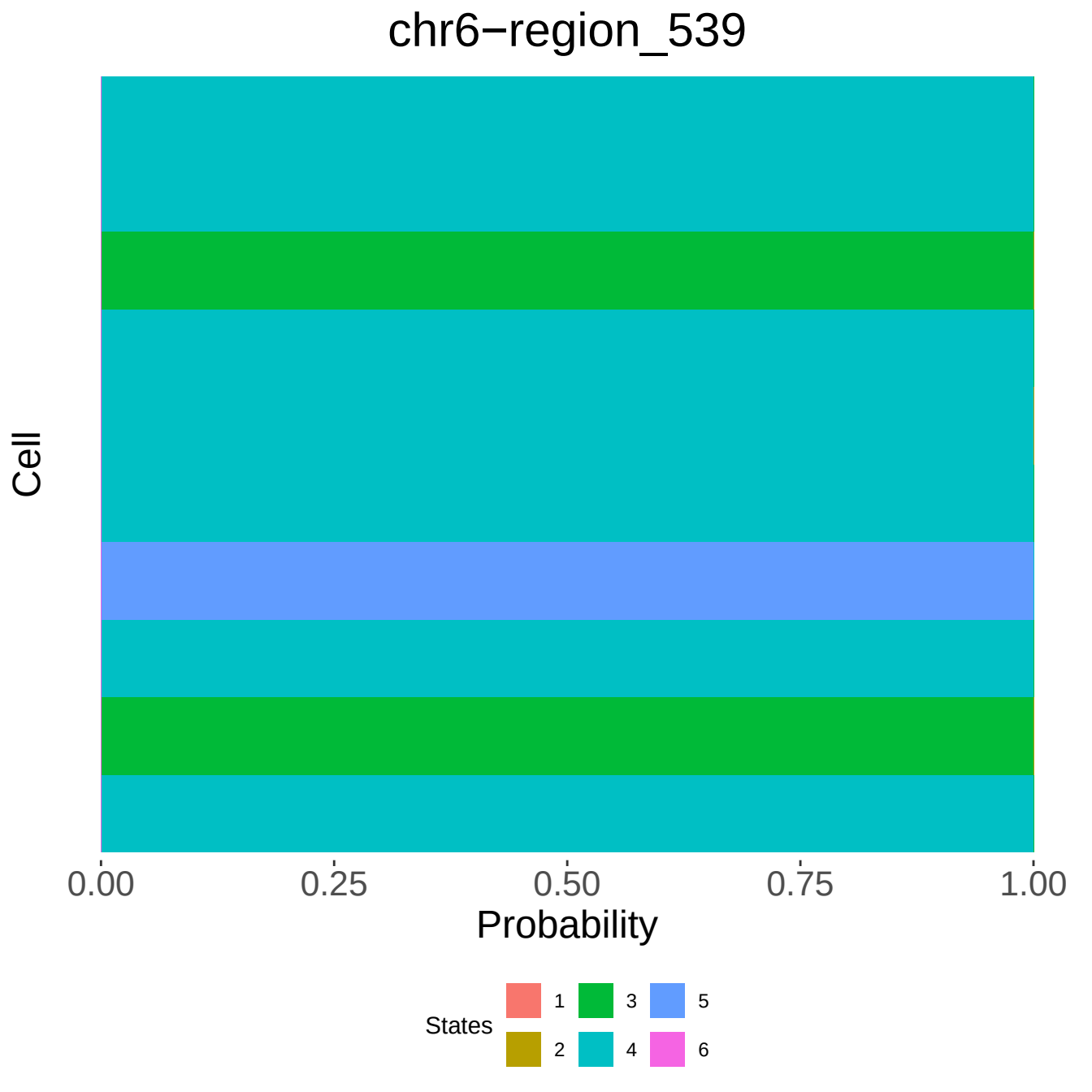
chr6−region_539
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Probability
States
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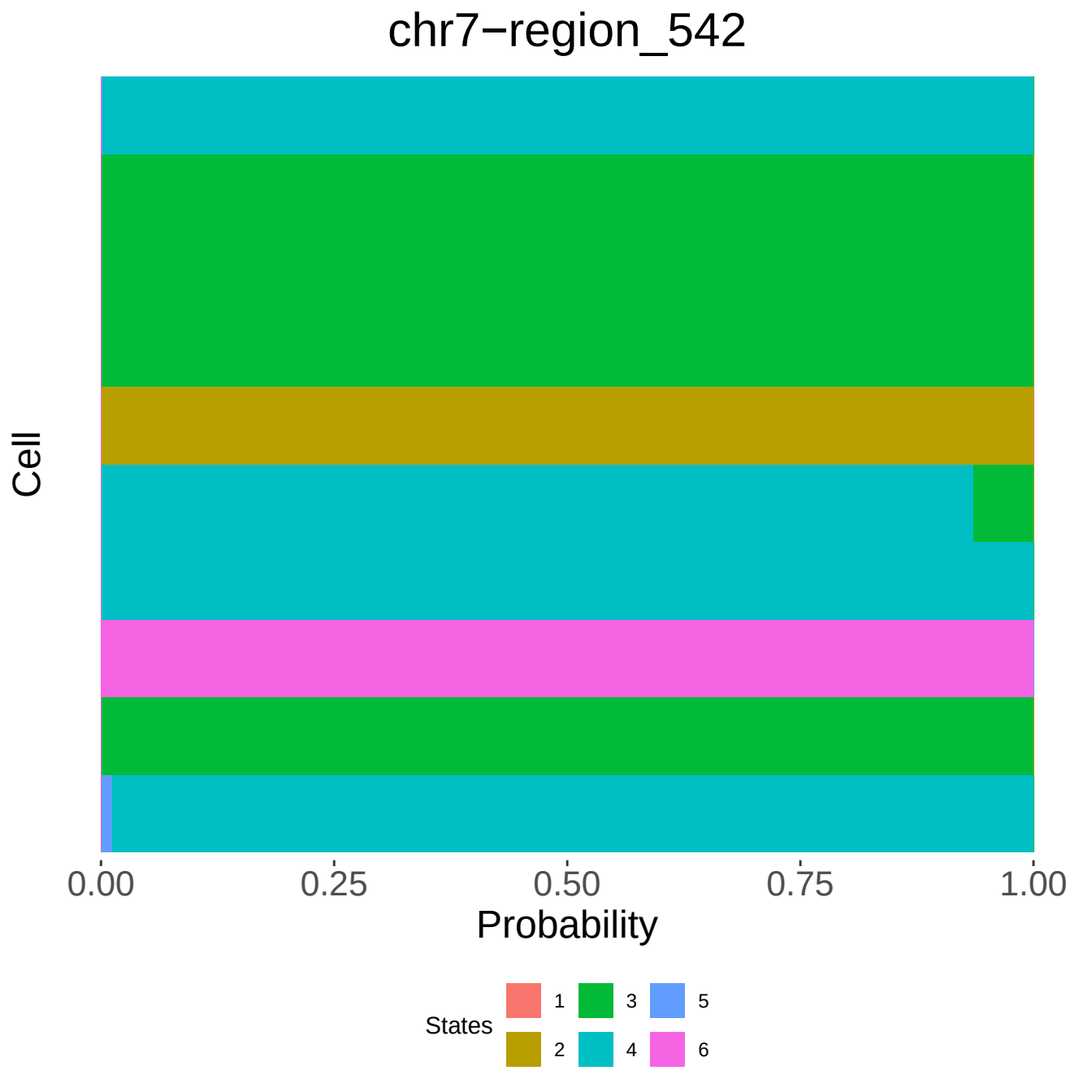
6


chr7−region_542
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Probability
States
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5
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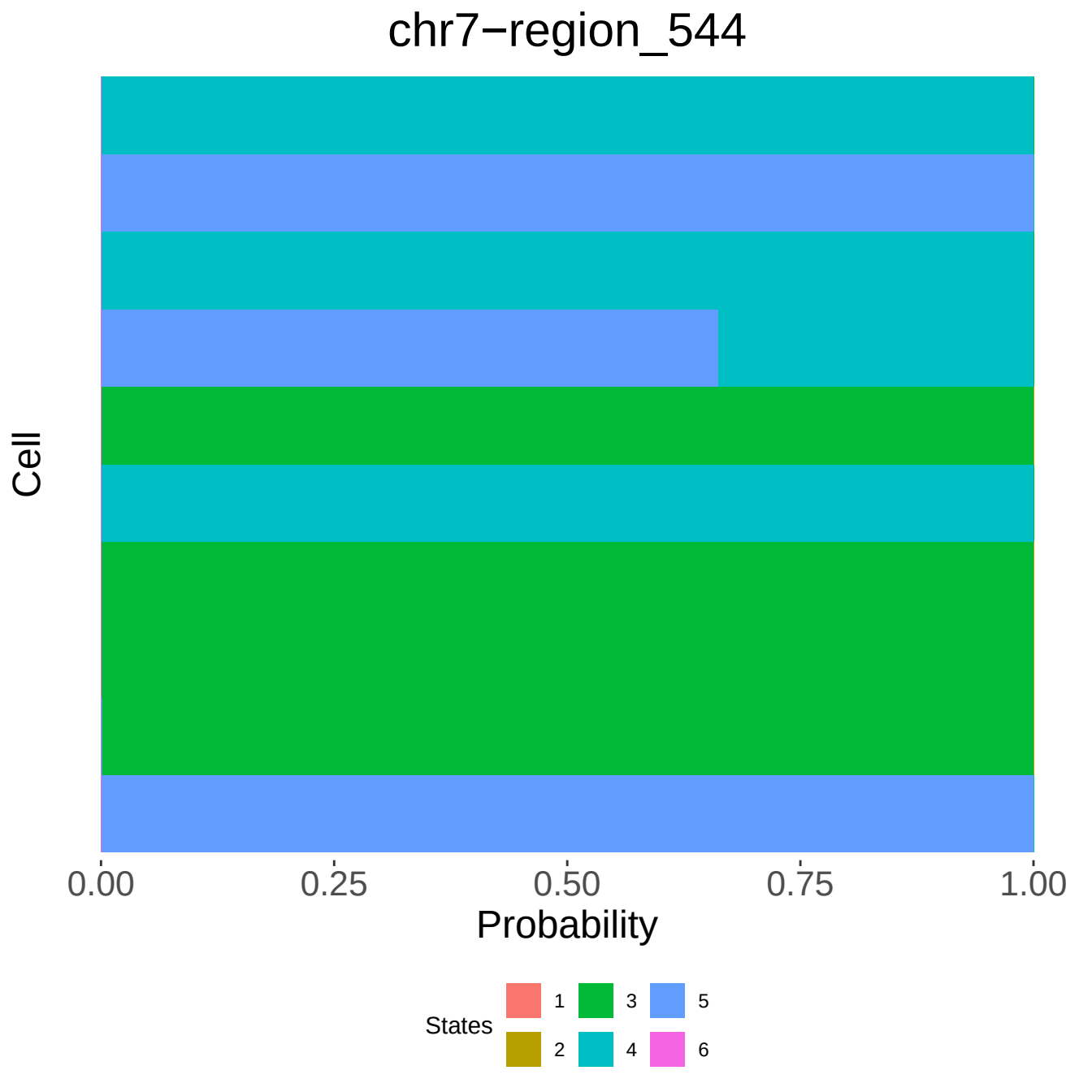
chr7−region_544
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Probability
States
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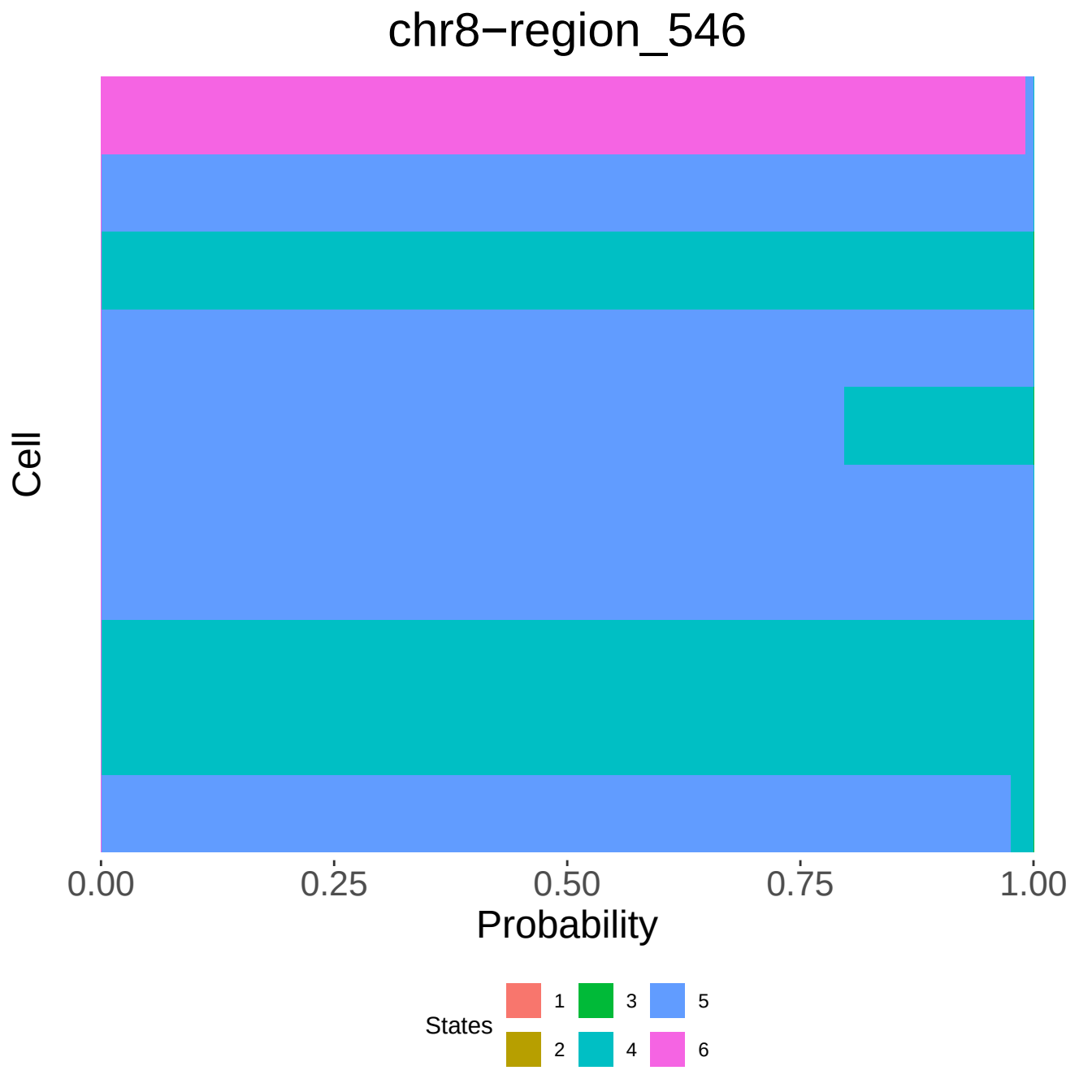
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Probability
States
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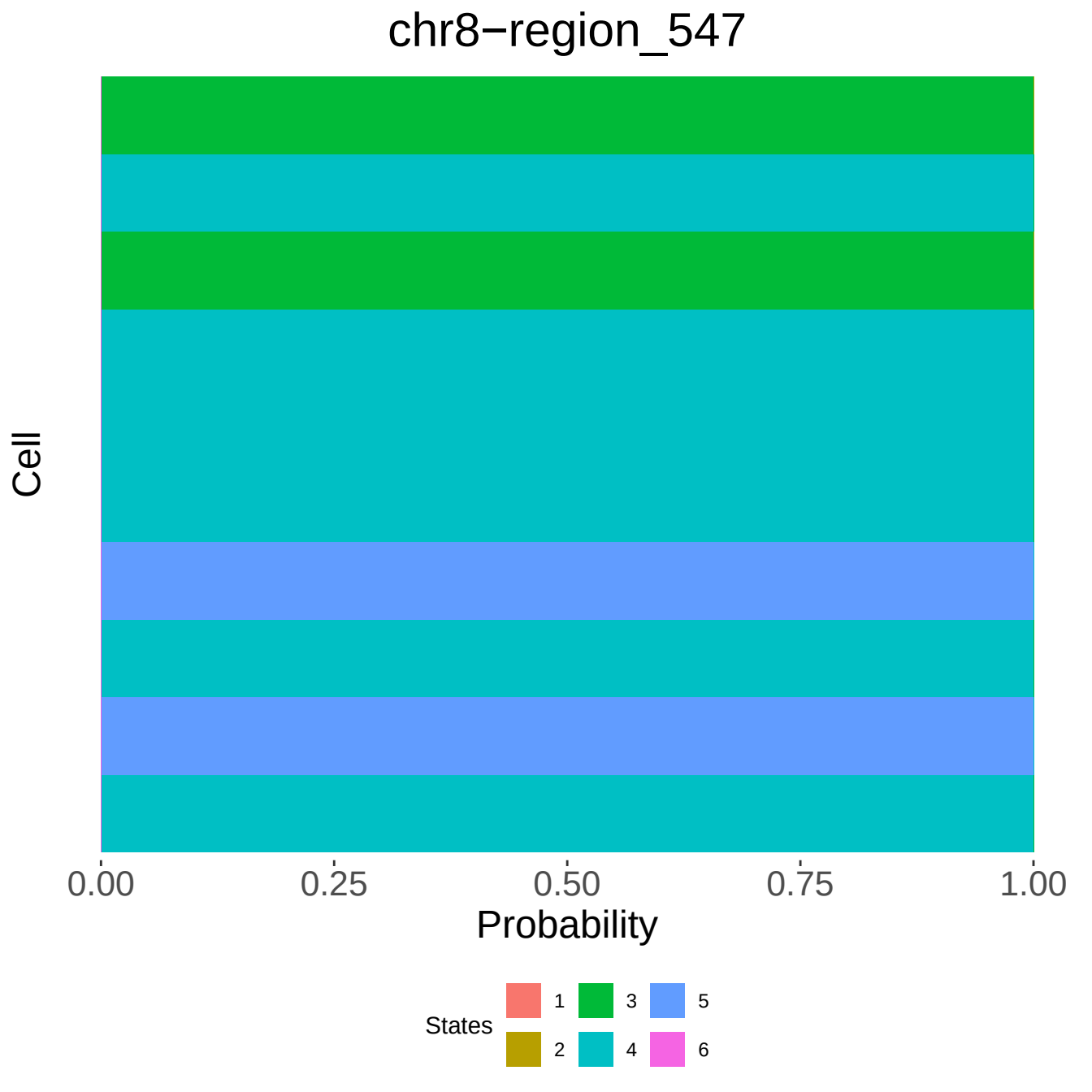
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Probability
States
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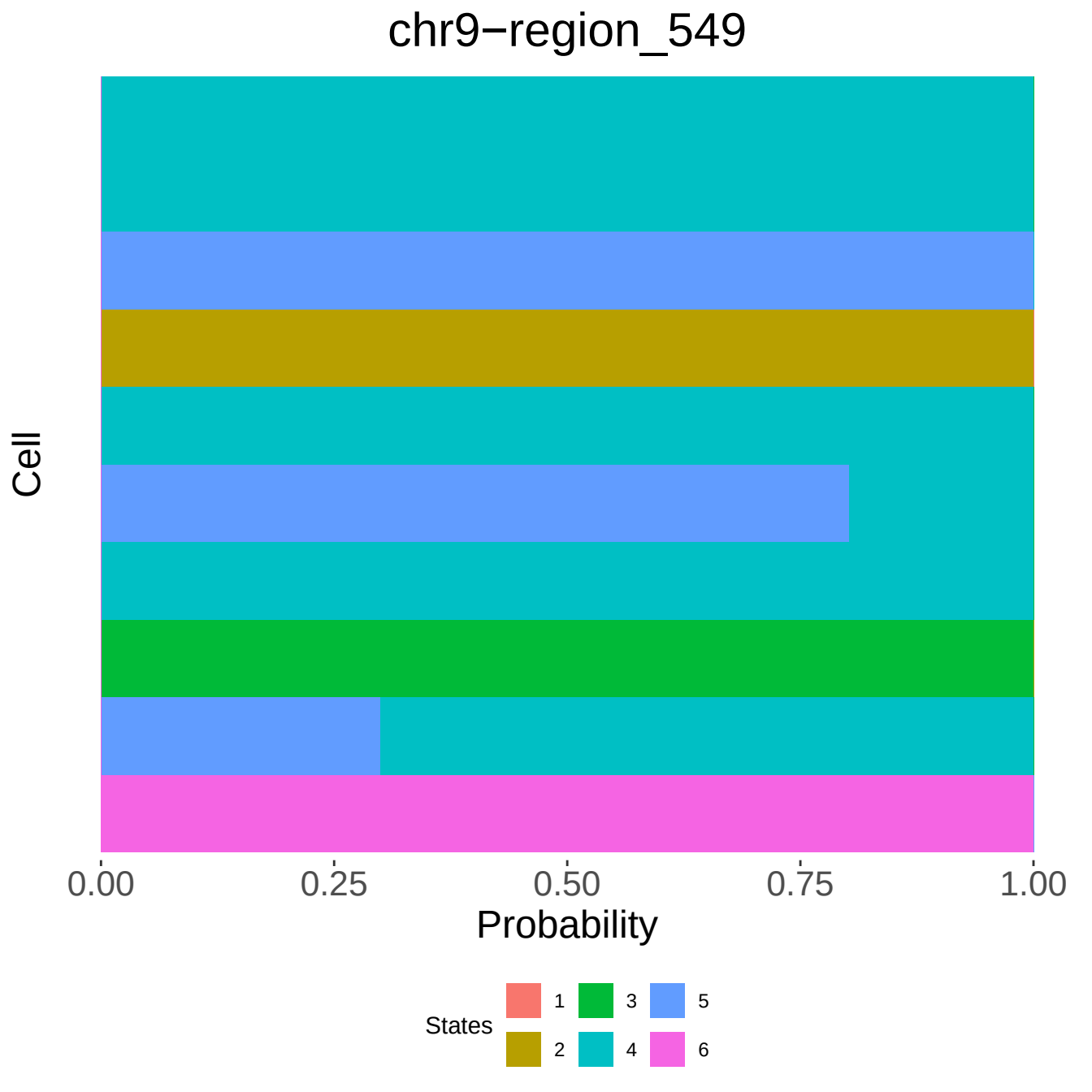
chr9−region_549
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Probability
States
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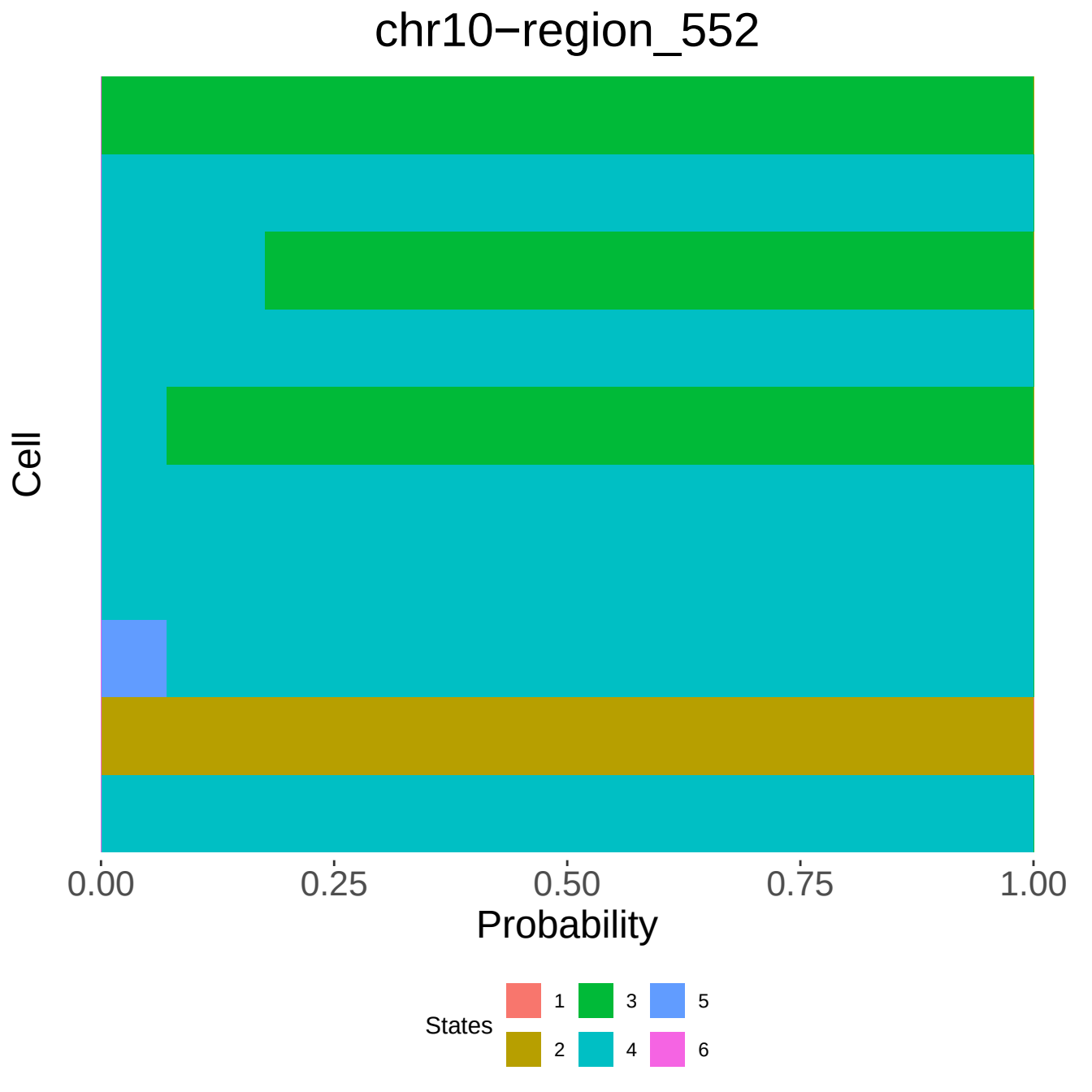
6


chr10−region_552
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Probability
States
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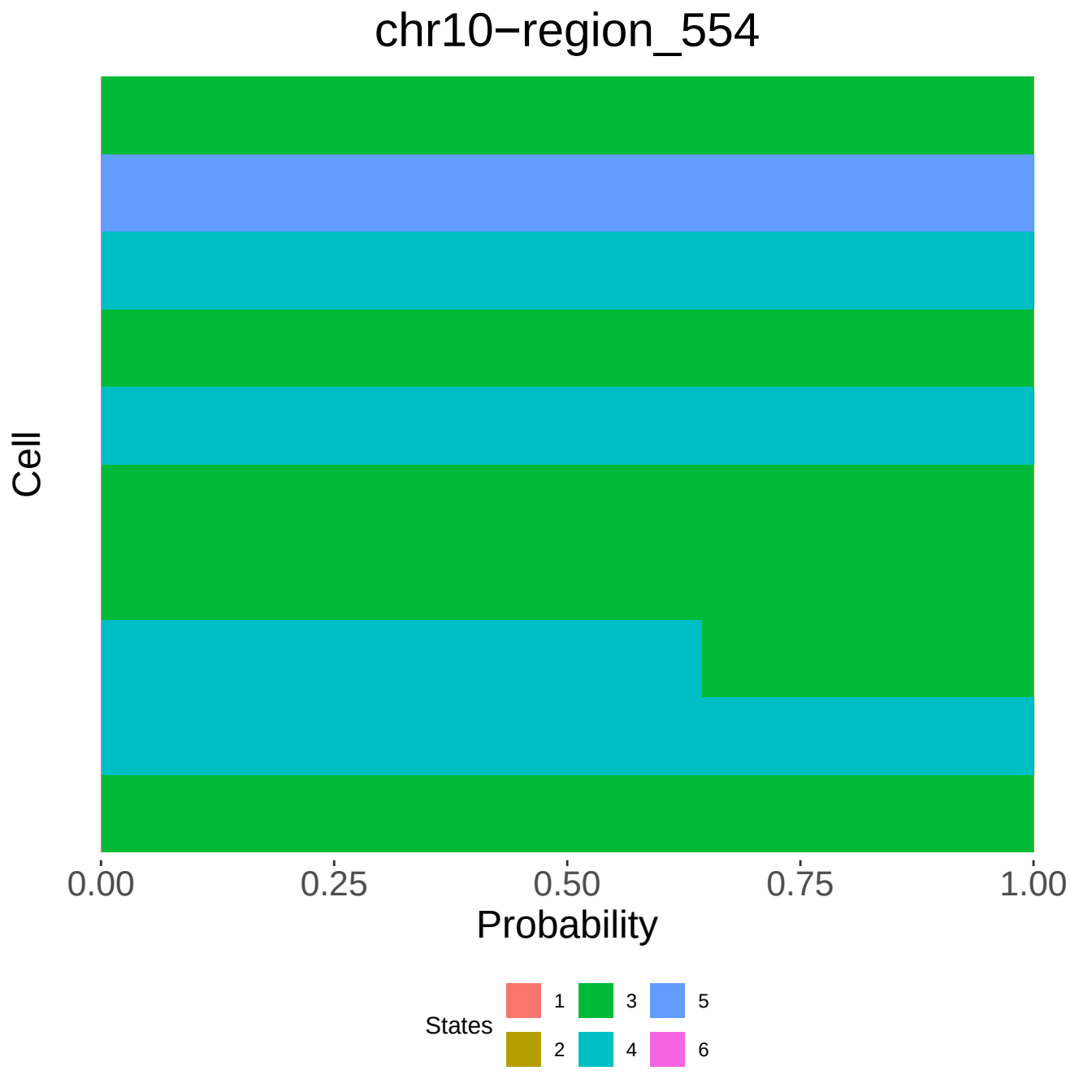
chr10−region_554
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Probability
States
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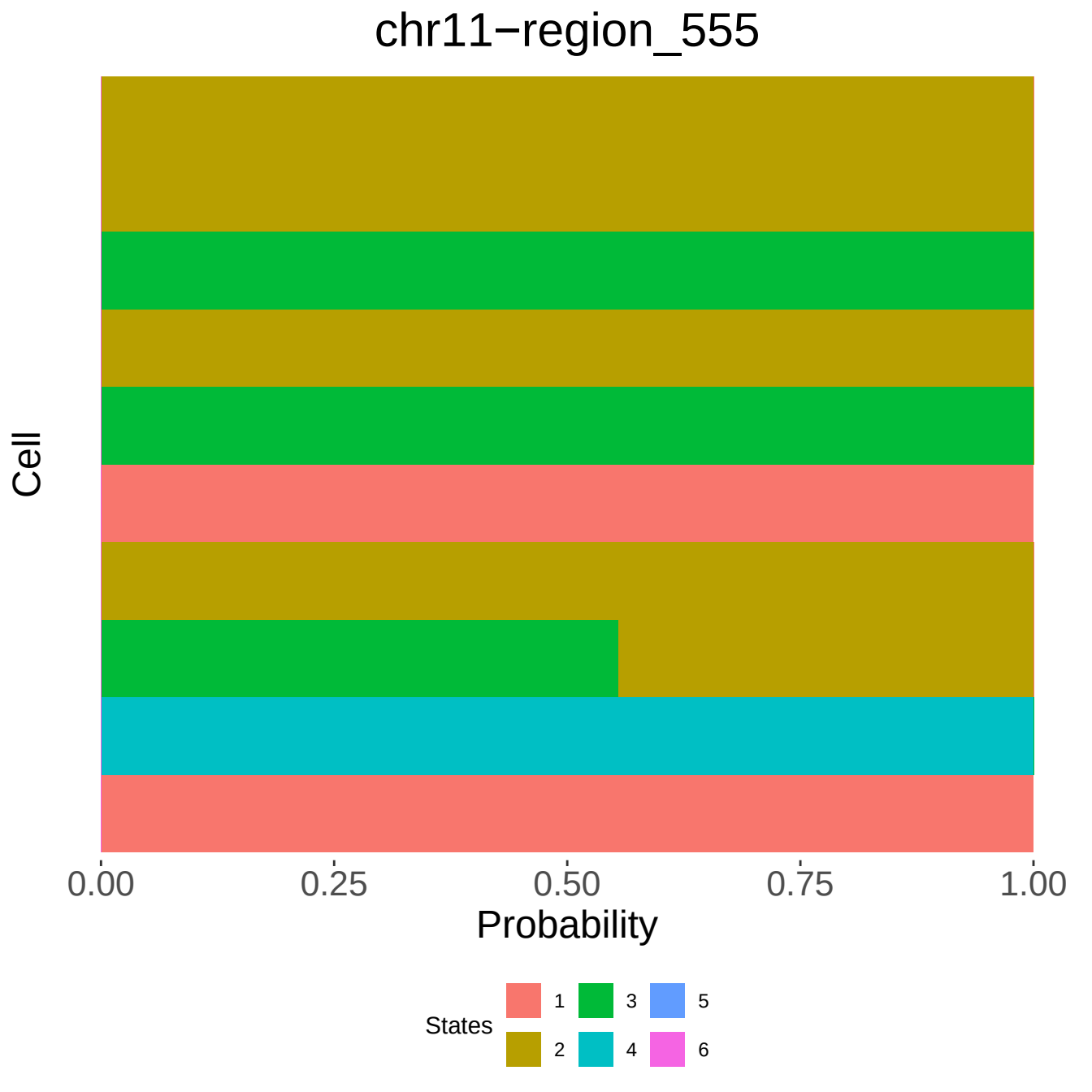
5
6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Probability
States
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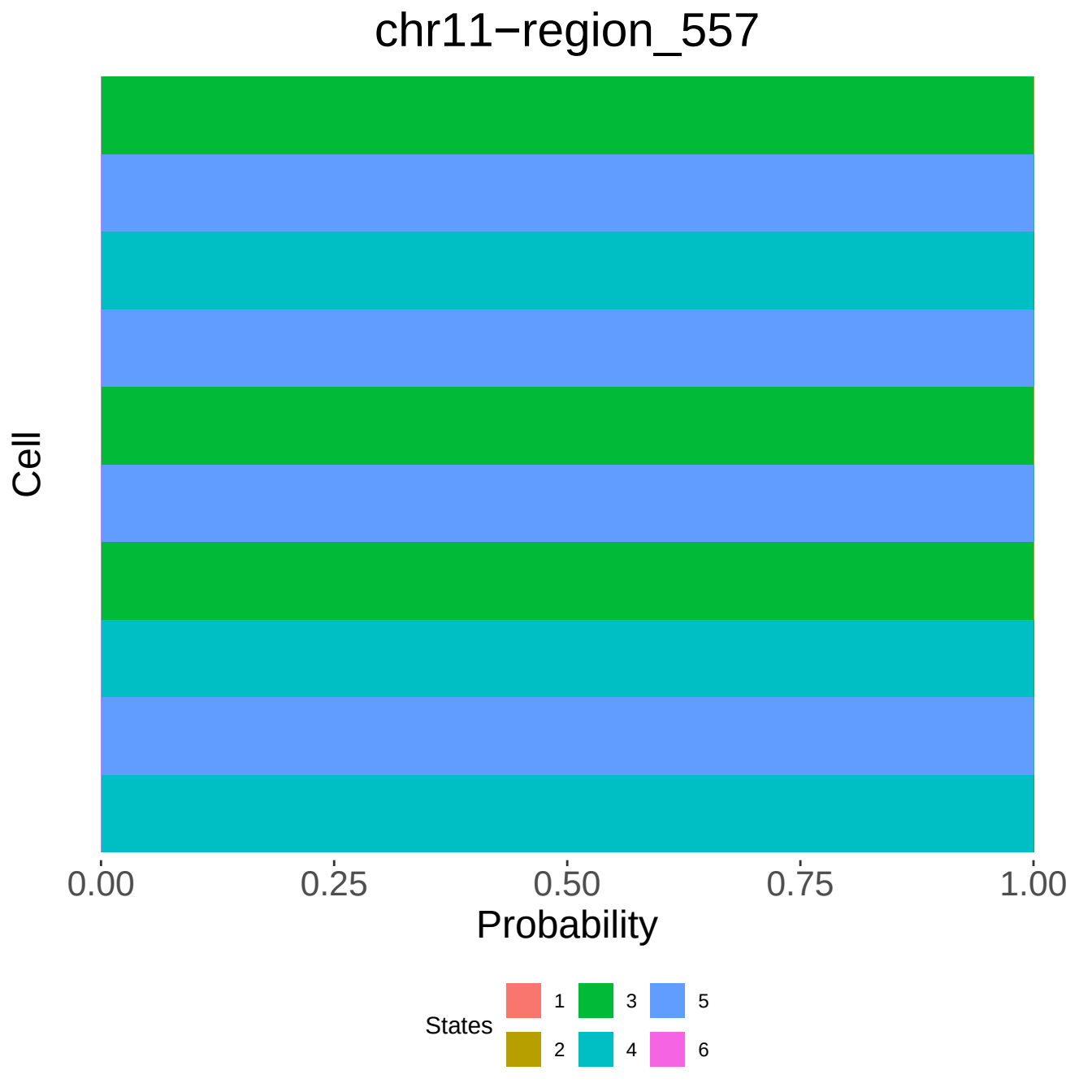
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Probability
States
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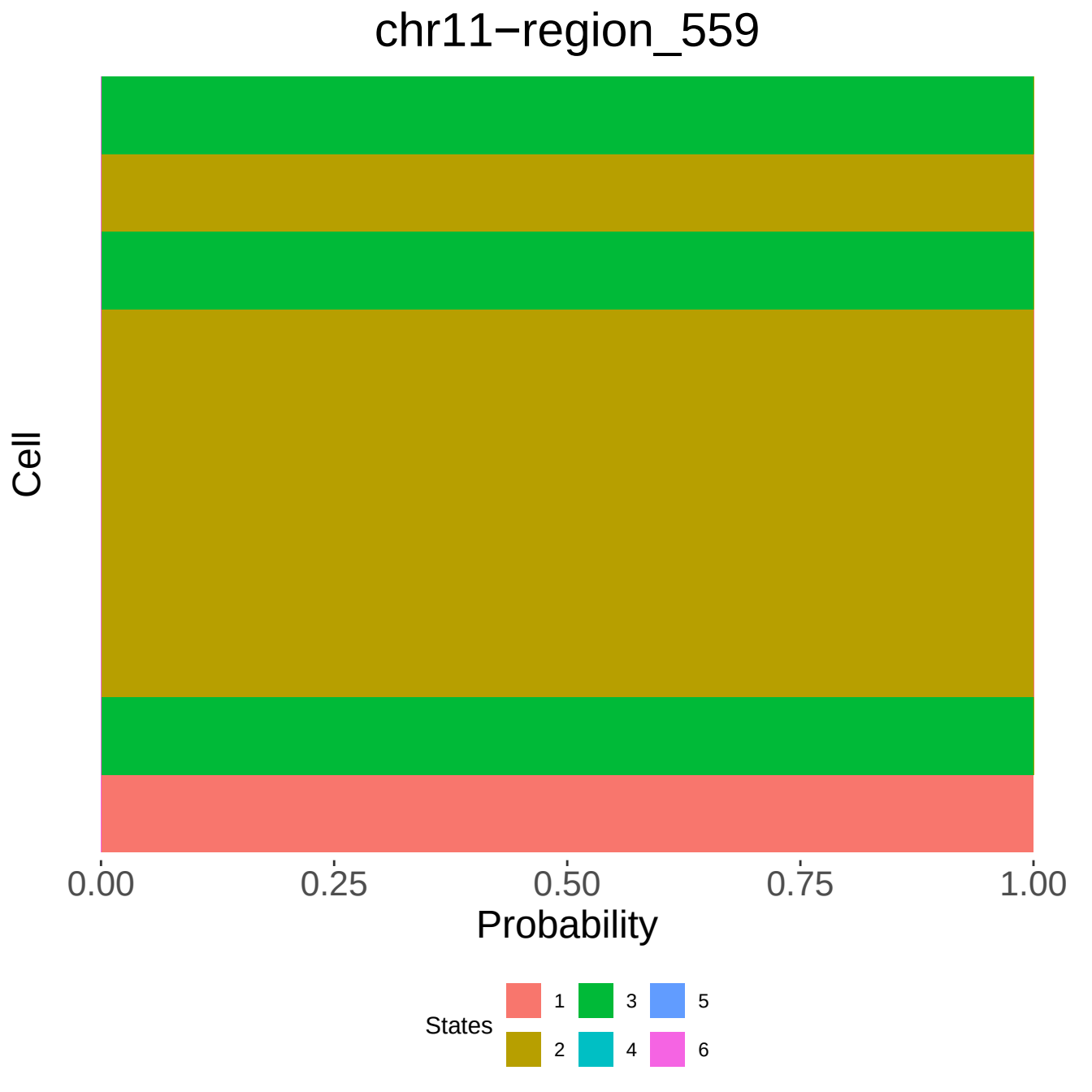
chr11−region_559
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Probability
States
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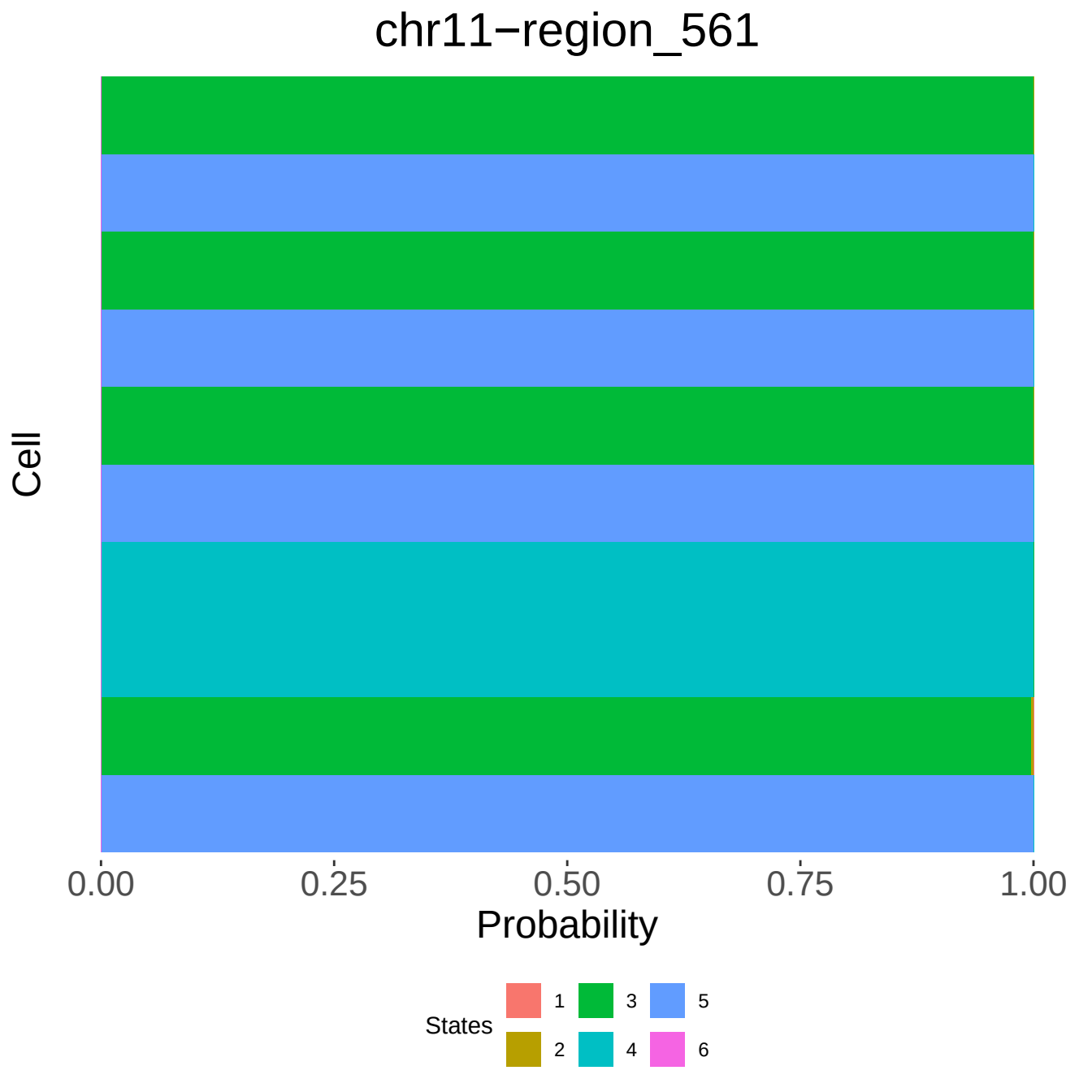
3
4
5
6


chr11−region_561
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Probability
States
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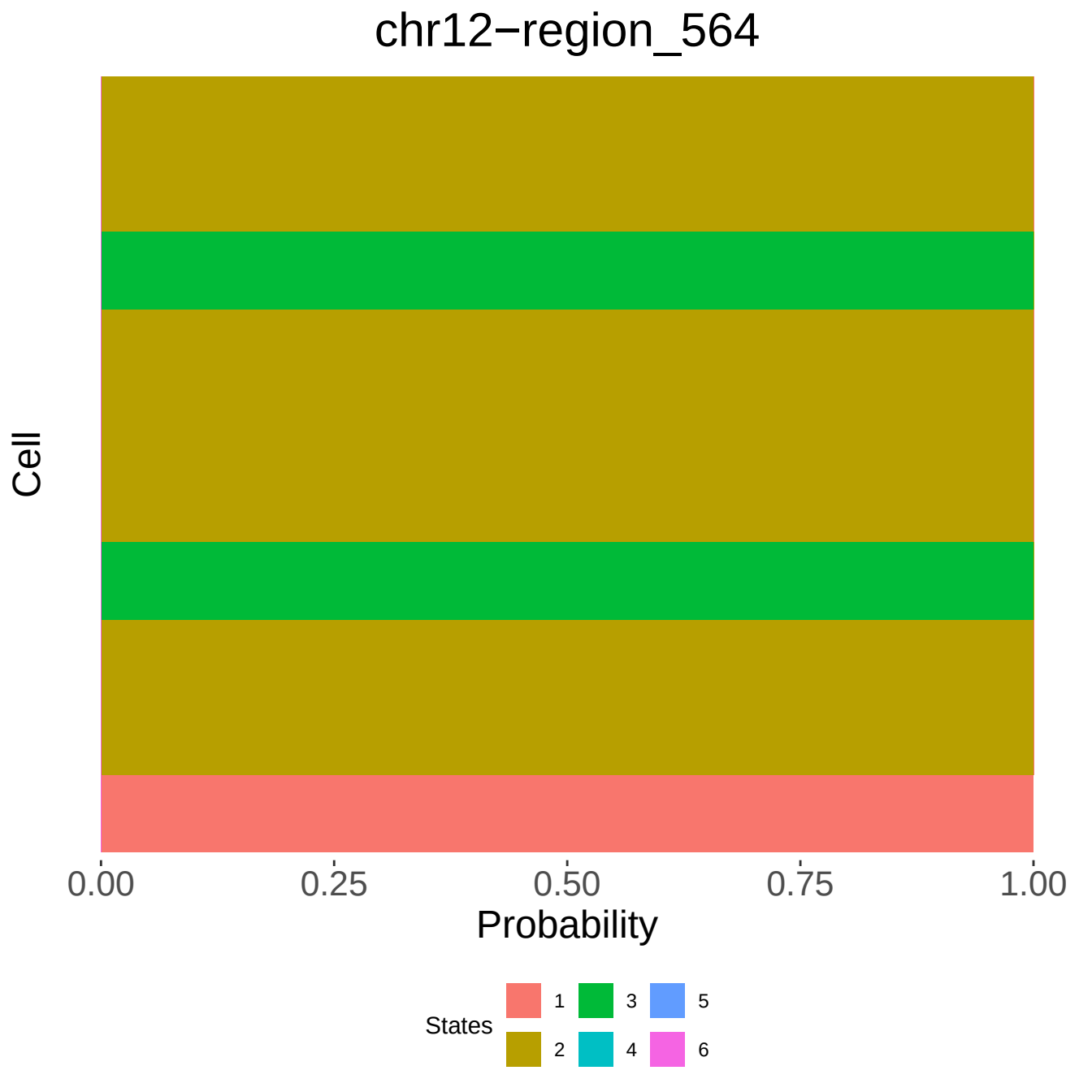
2
3
4
5
6


chr12−region_564
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Probability
States
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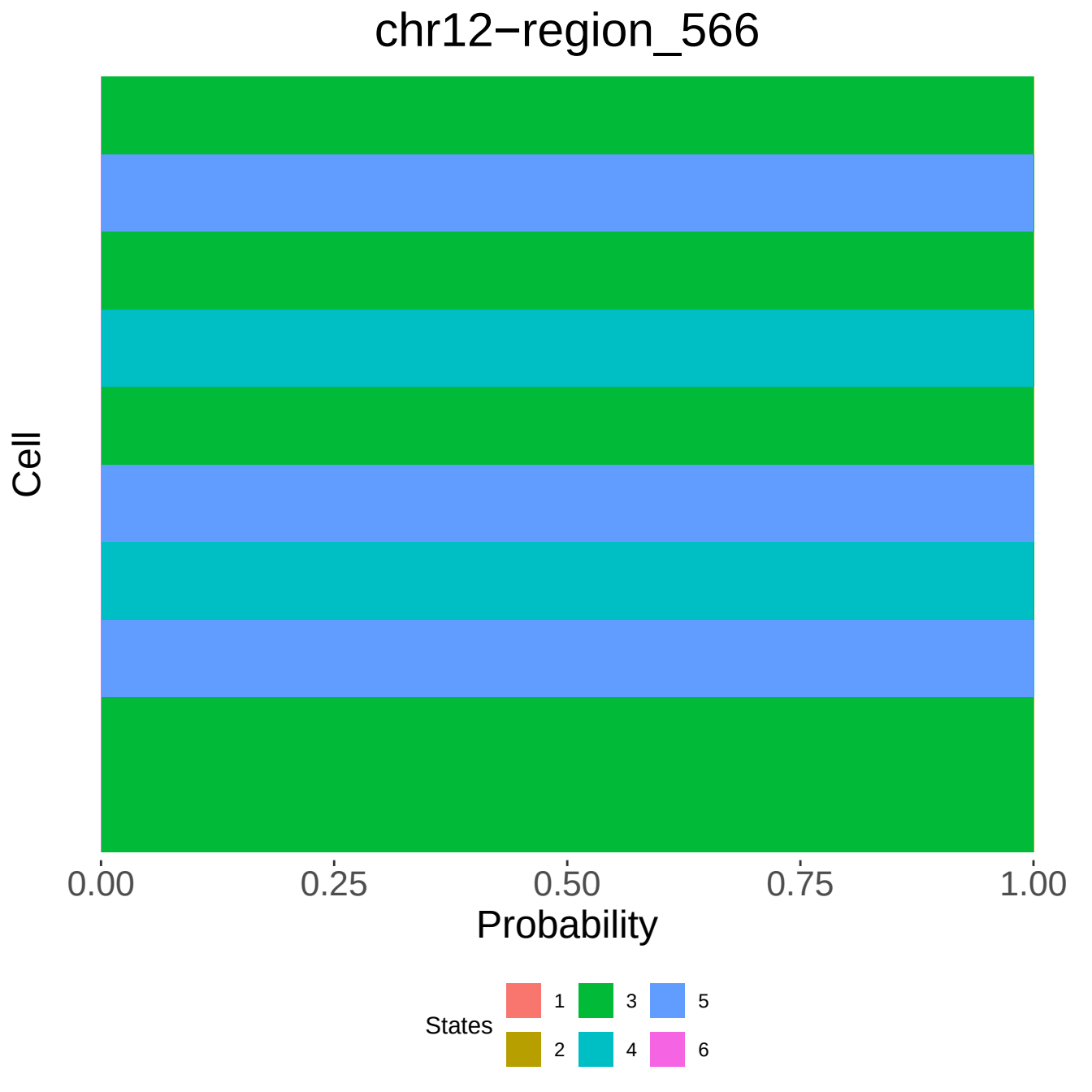
3
4
5
6


chr12−region_566
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Probability
States
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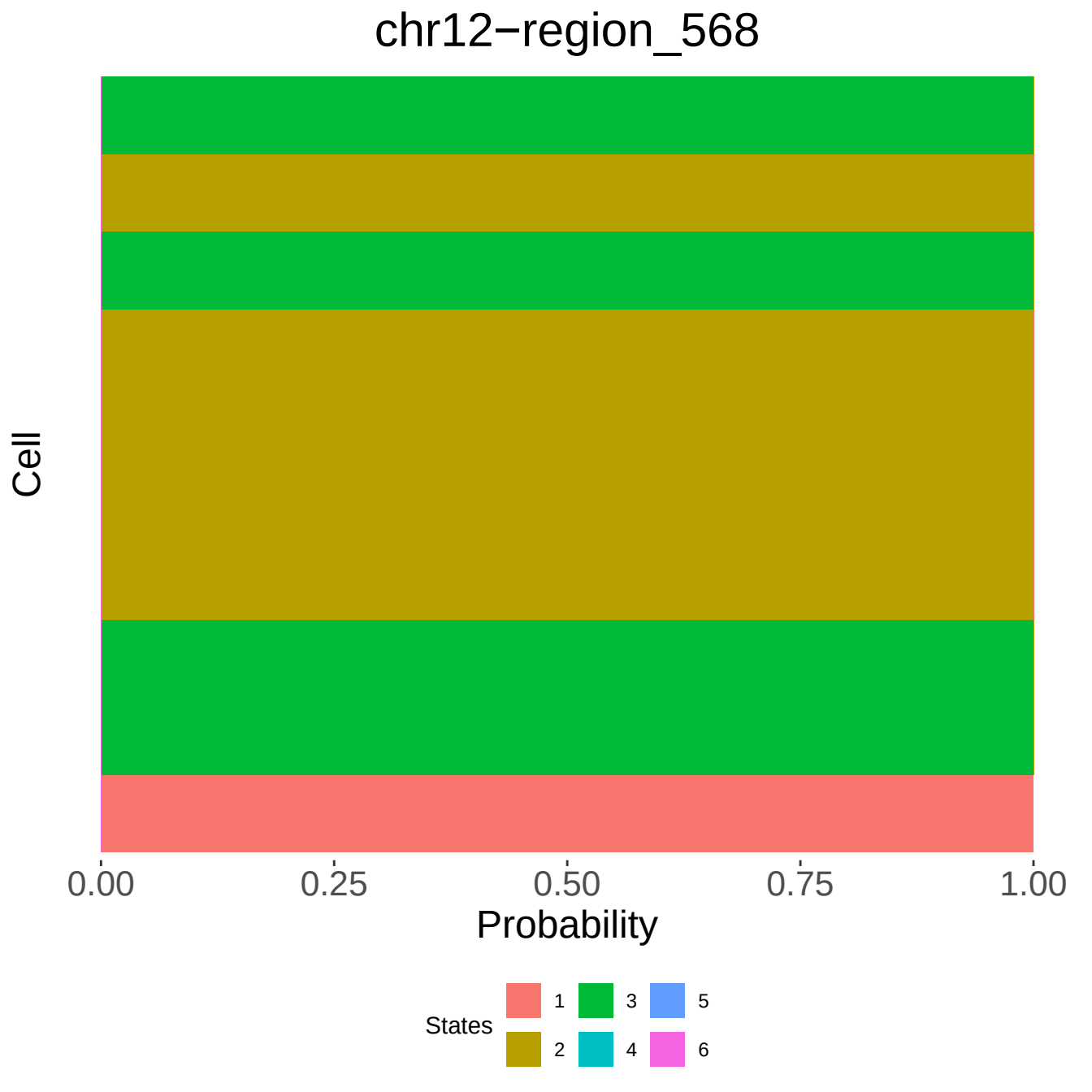
chr12−region_568
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Probability
States
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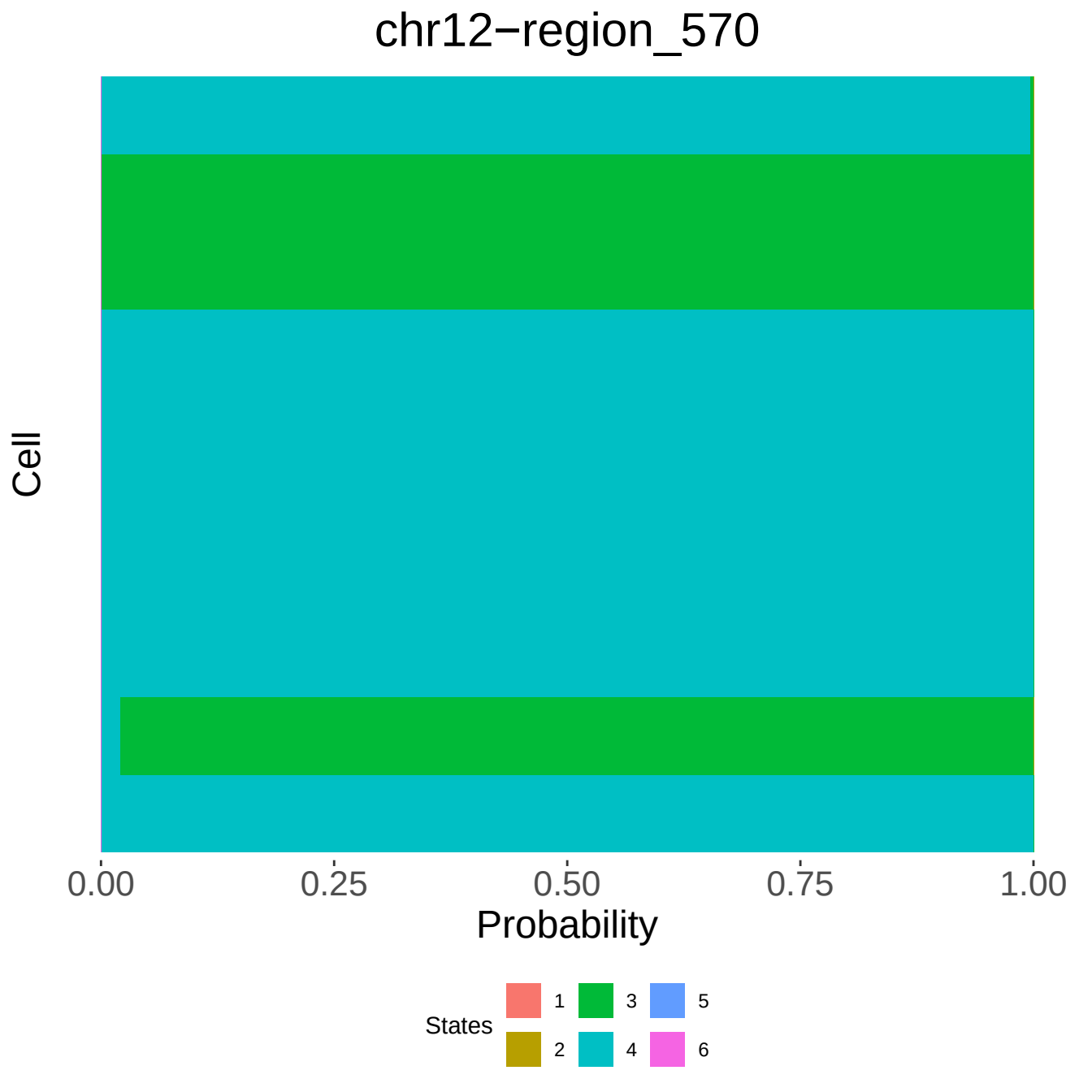
4
5
6


chr12−region_570
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Probability
States
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3
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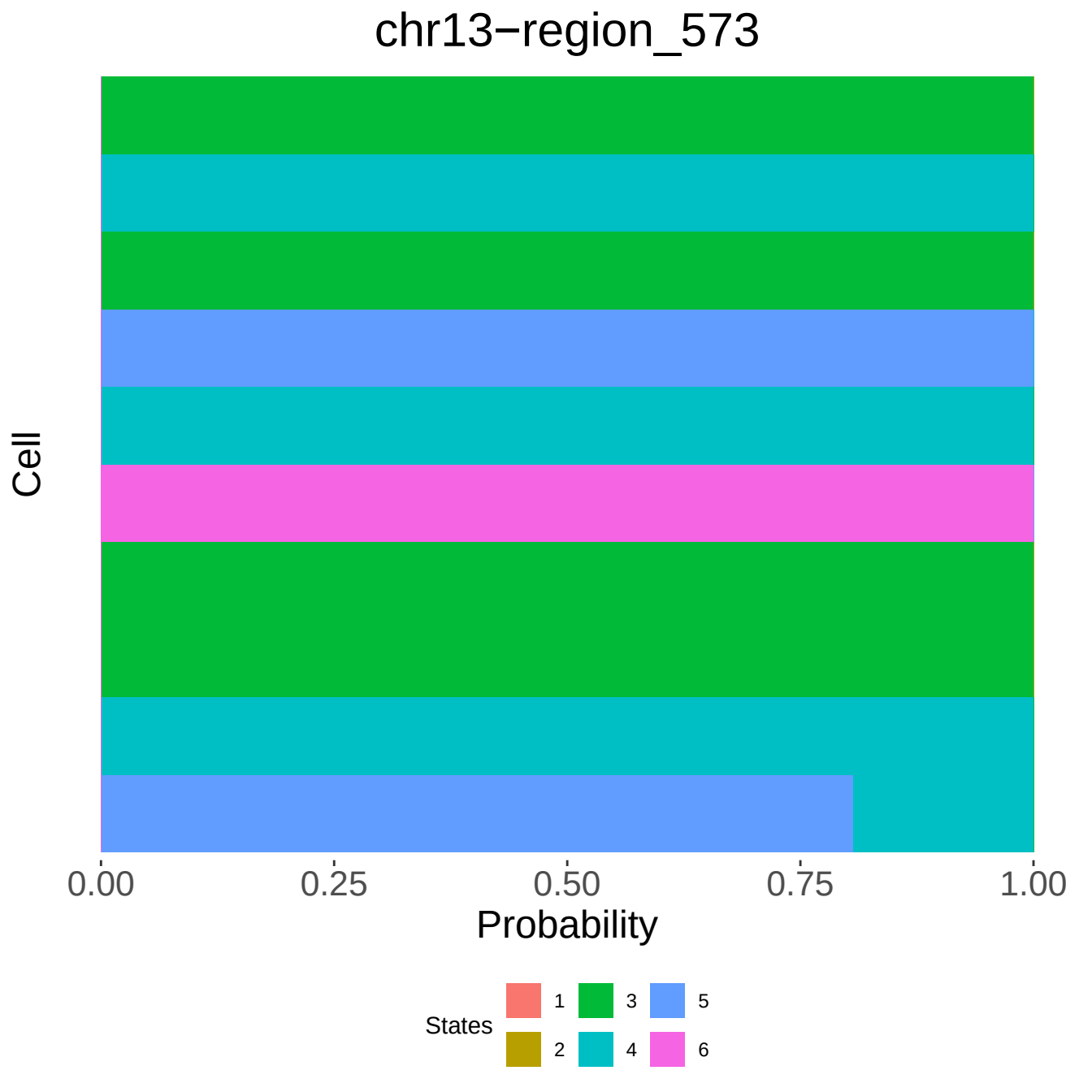
2
4
6


chr13−region_573
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Probability
States
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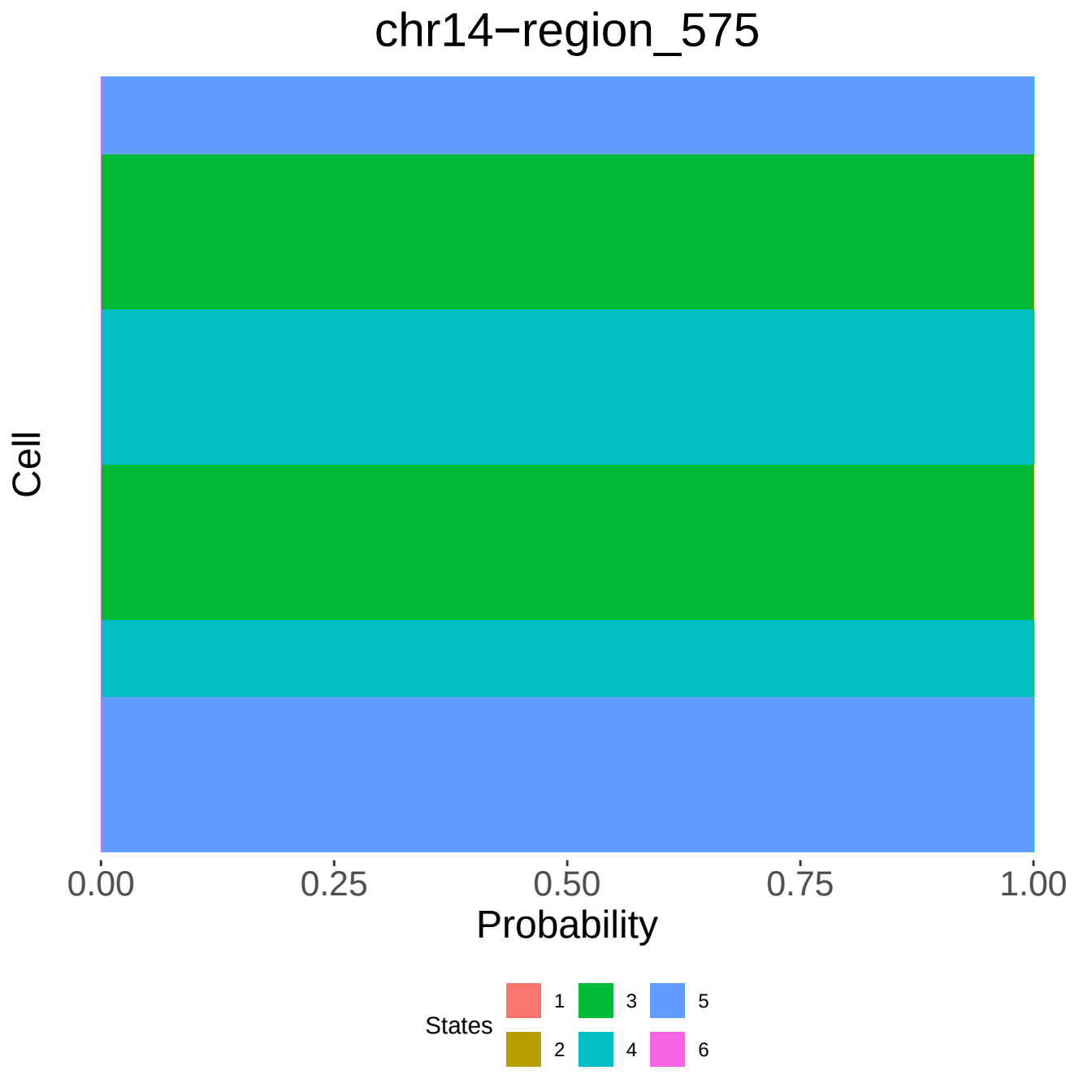
2
3
4
5
6


chr14−region_575
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Probability
States
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5
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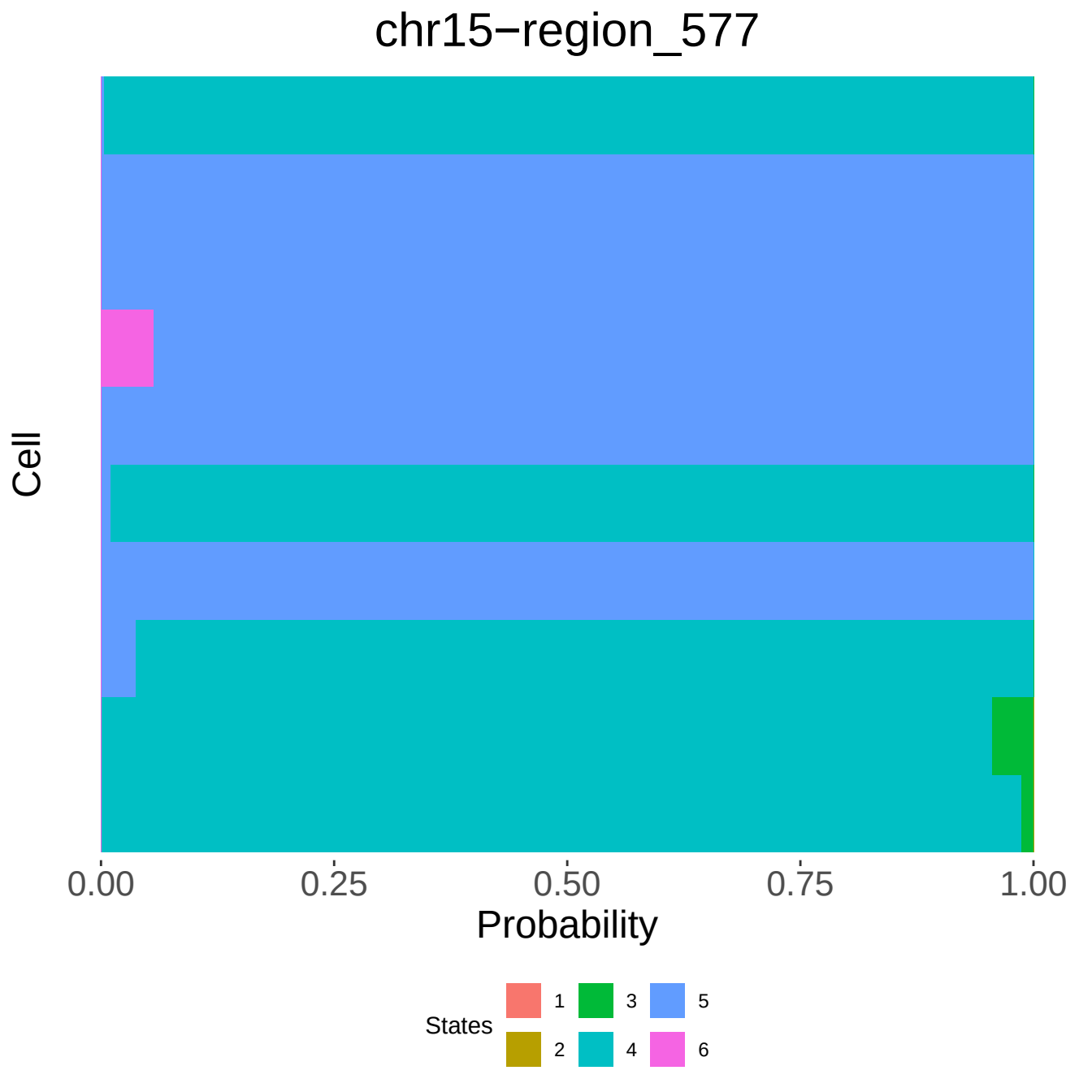
chr15−region_577
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Probability
States
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3
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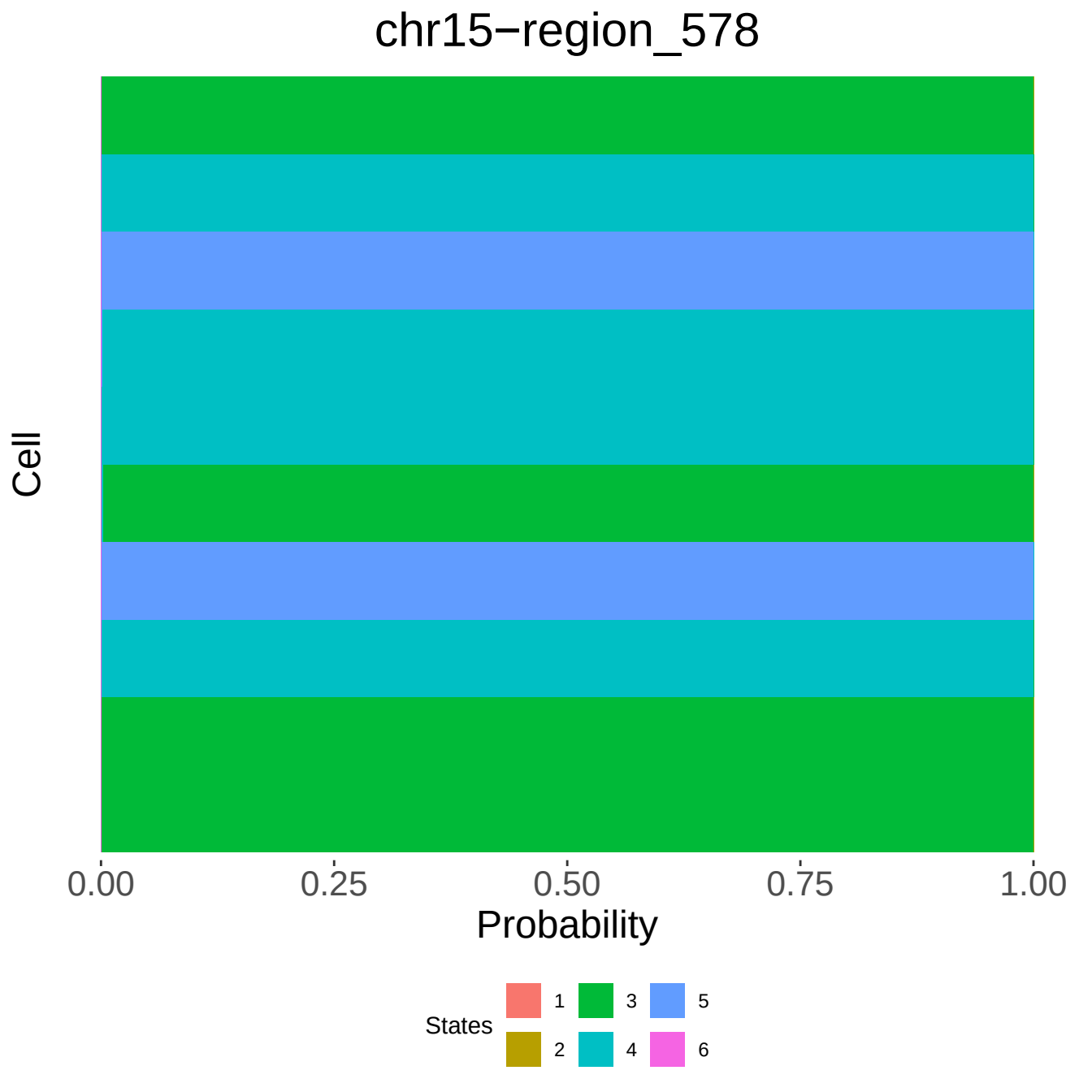
5
6


chr15−region_578
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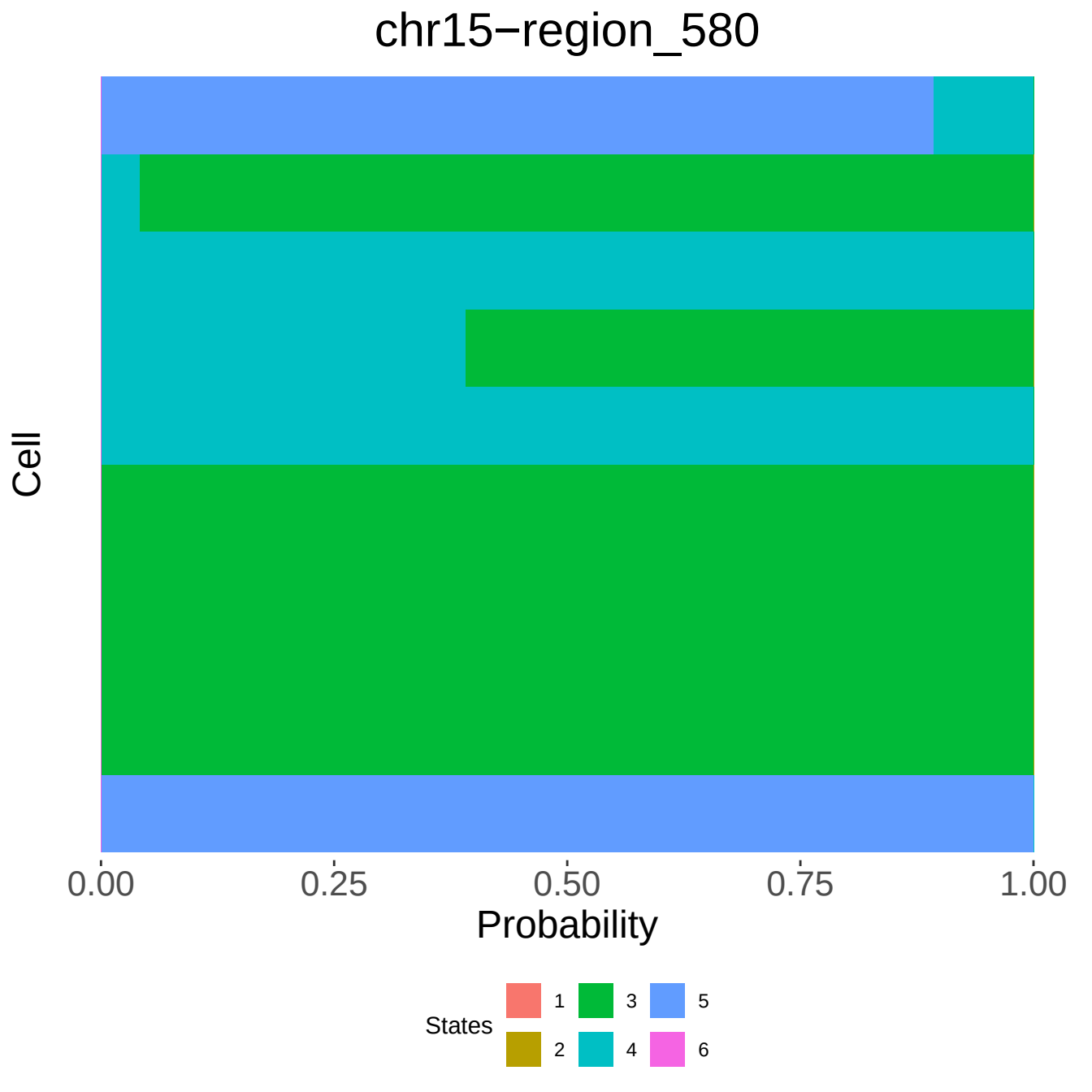
1.00
Probability
States
1
2
3
4
5
6


chr15−region_580
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Probability
States
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4
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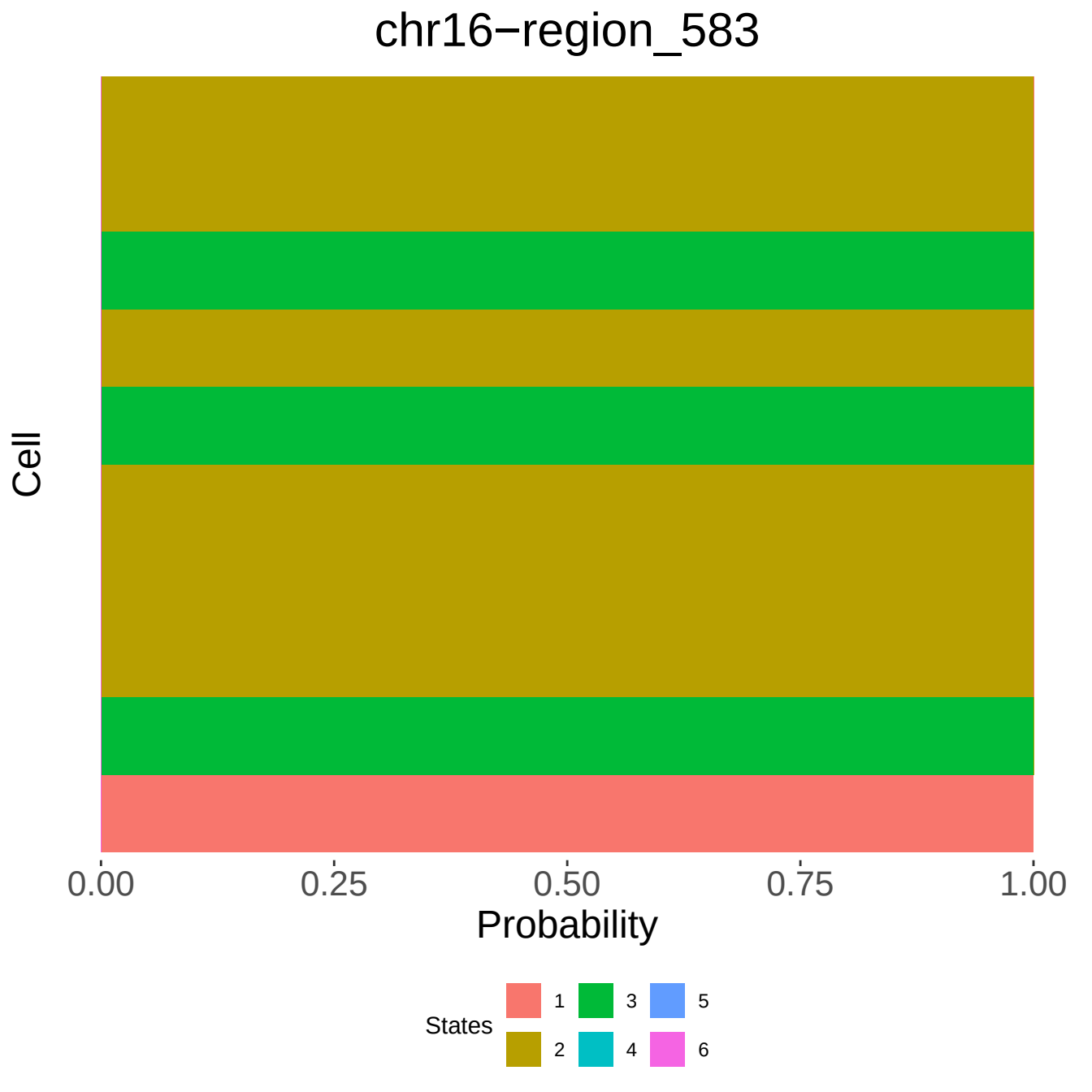
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Probability
States
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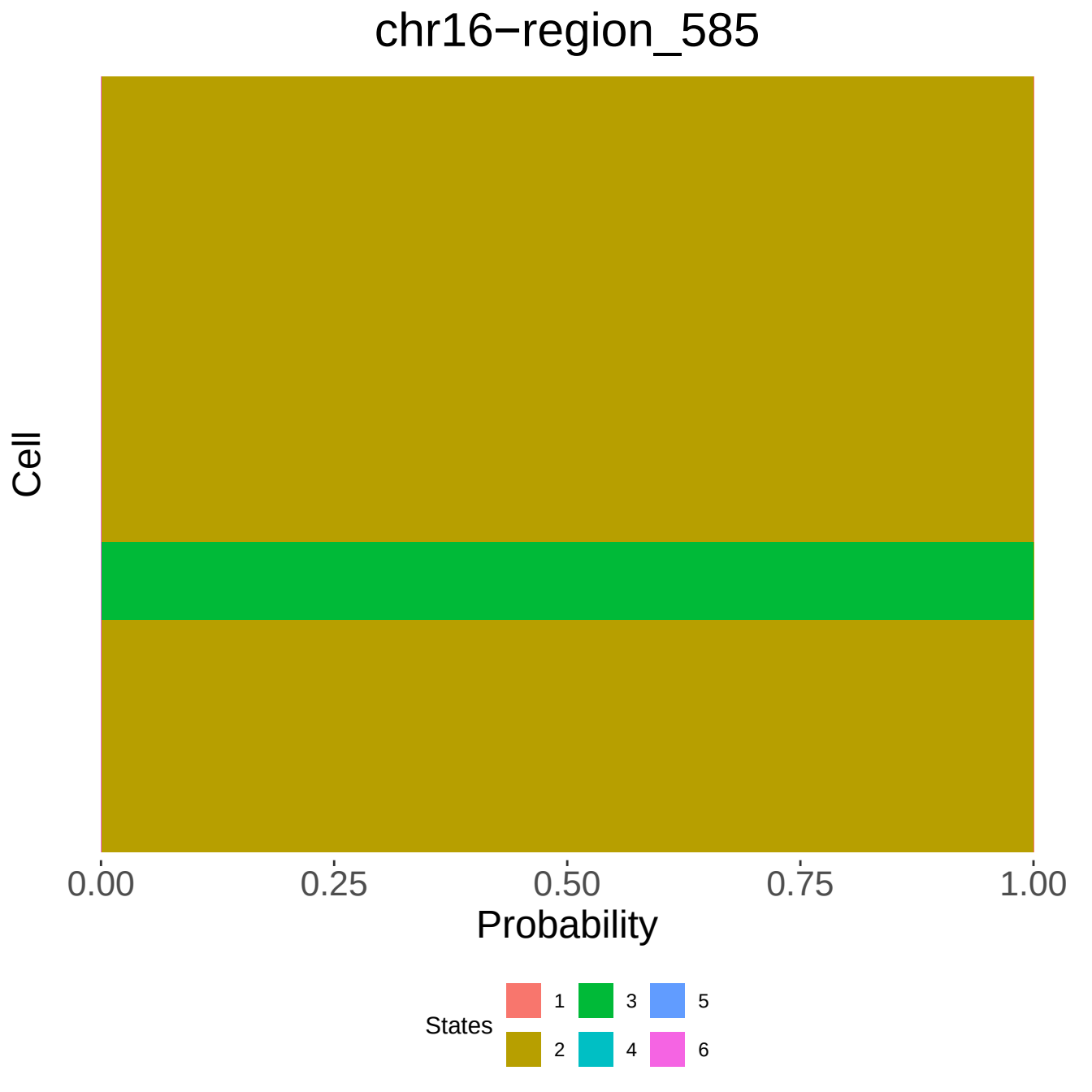
chr16−region_585
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Probability
States
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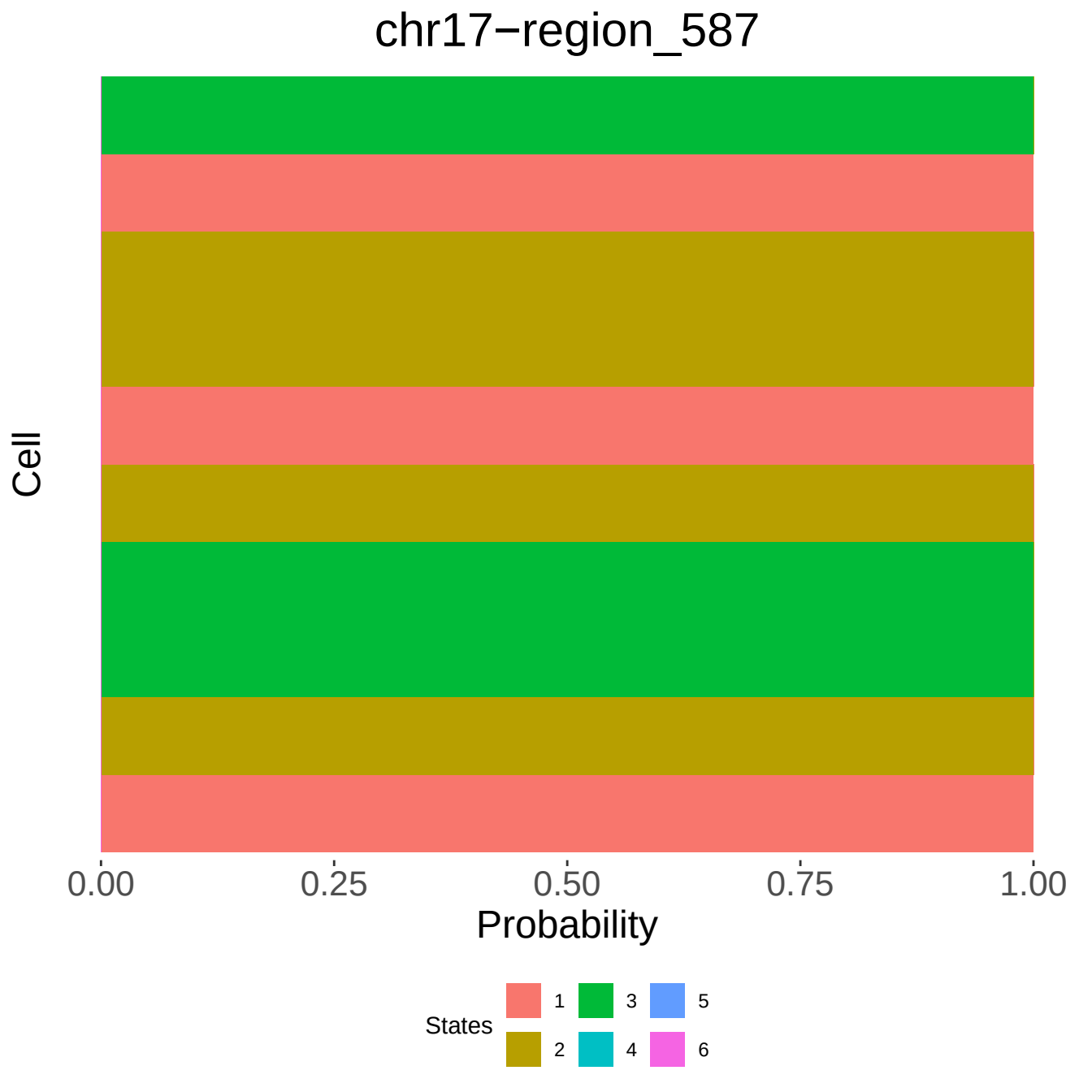
chr17−region_587
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Probability
States
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4
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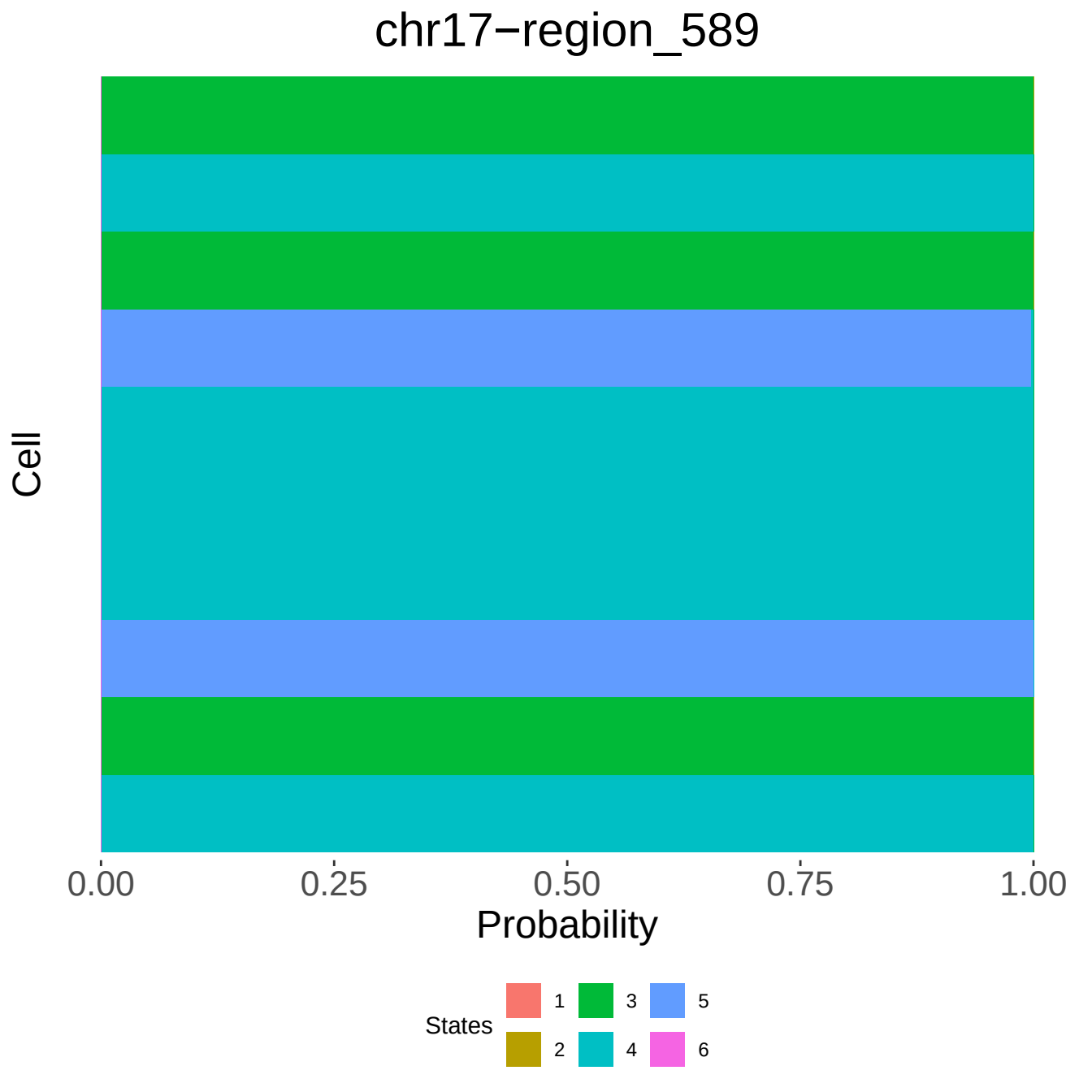
chr17−region_589
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Probability
States
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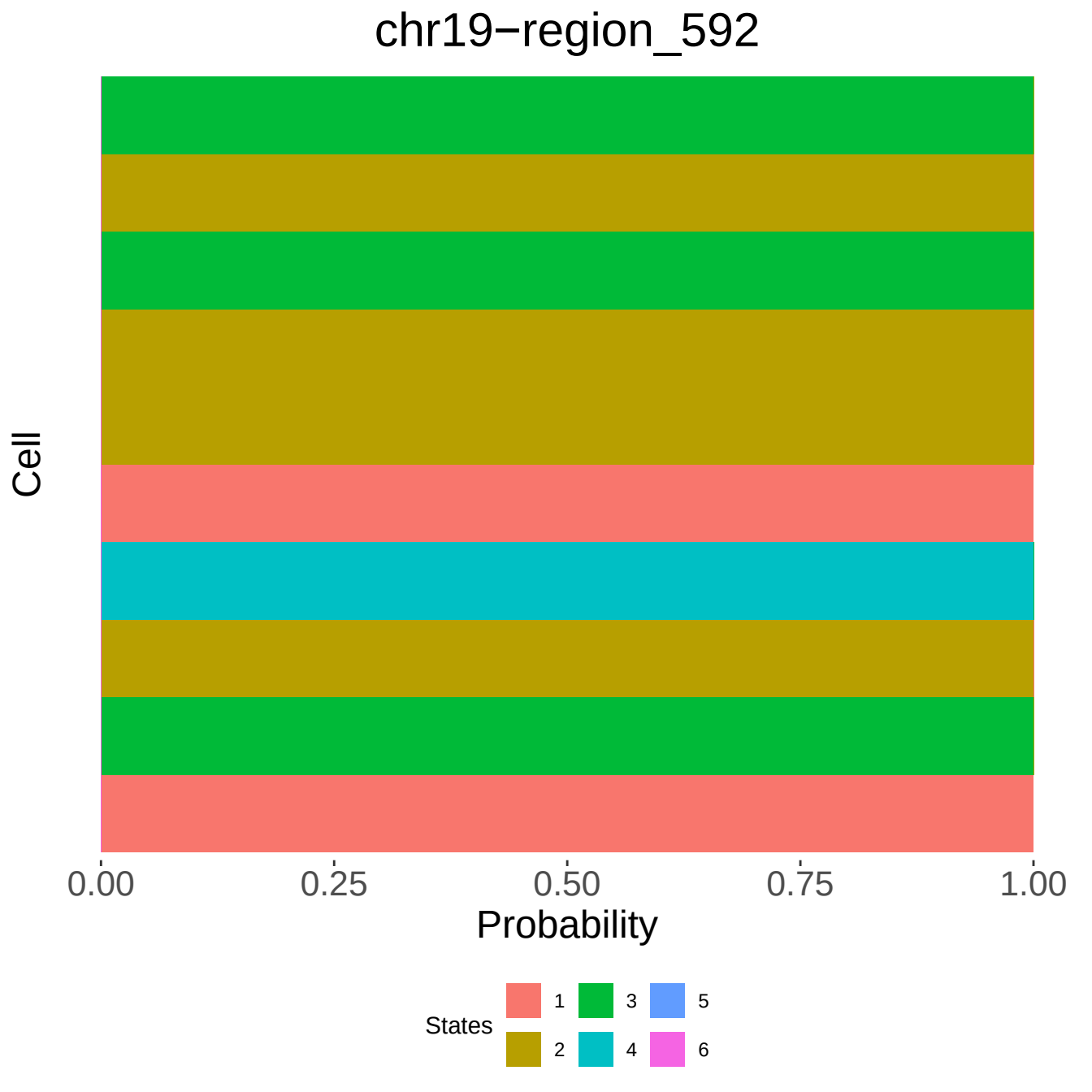
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Probability
States
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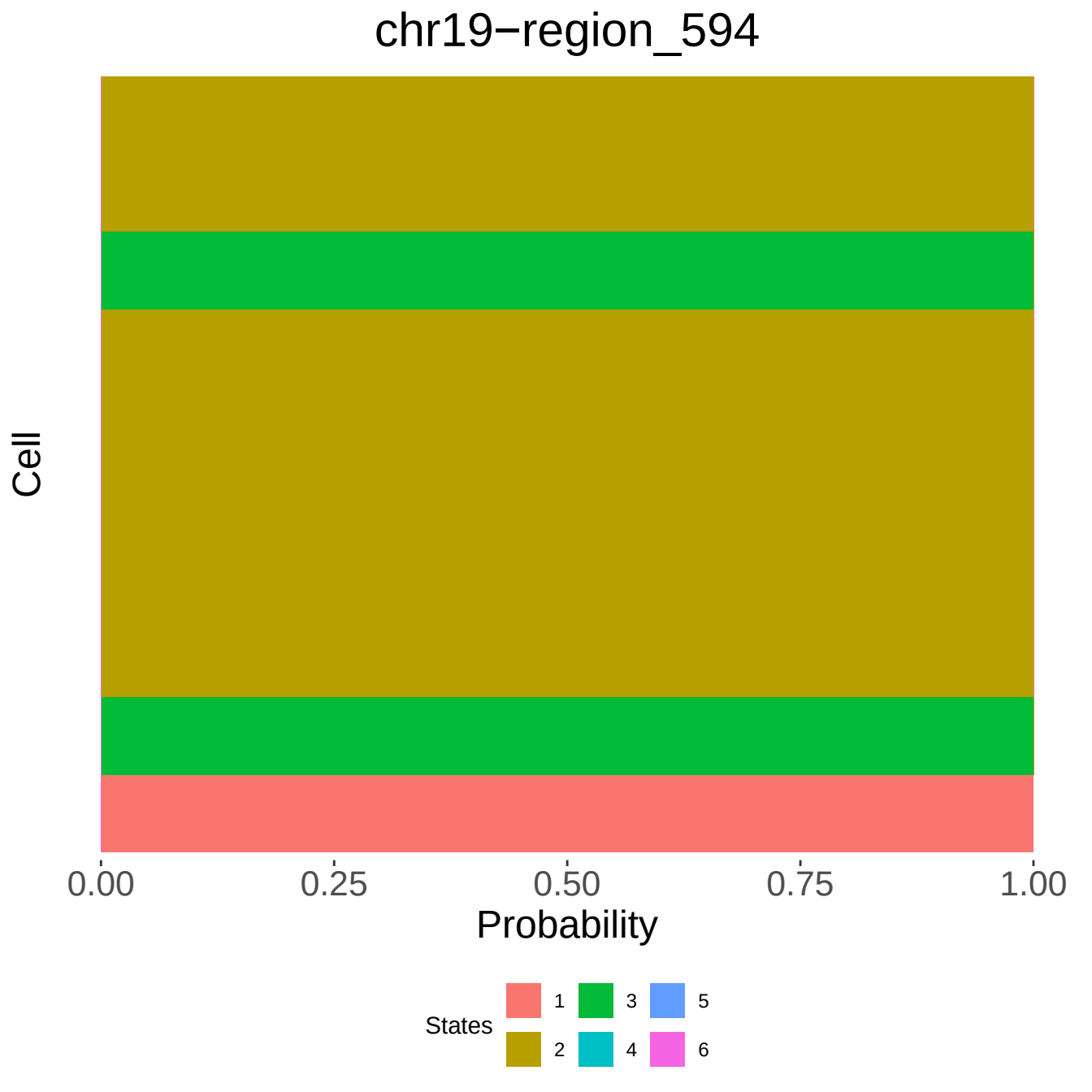
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Probability
States
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5
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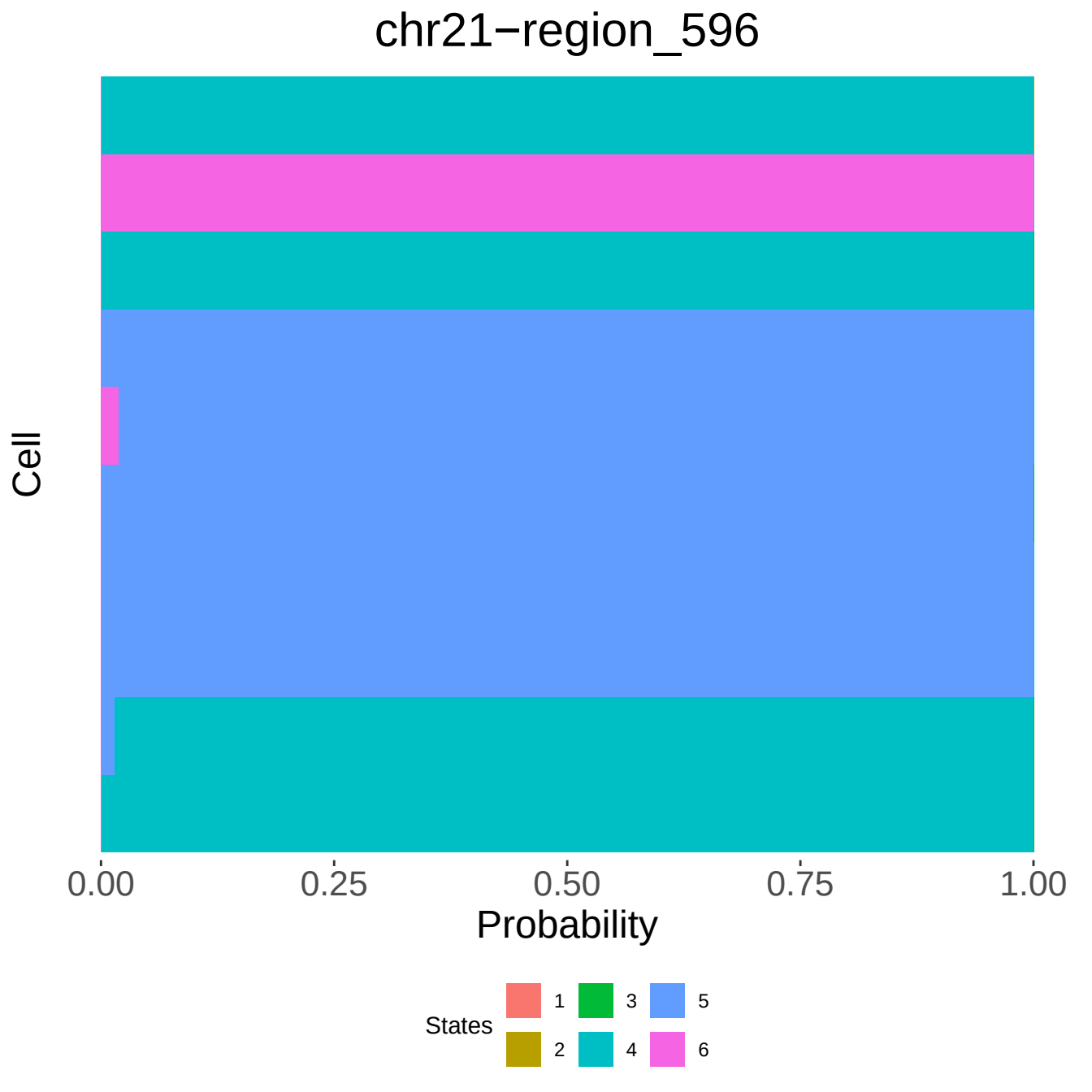
chr21−region_596
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Probability
States
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5
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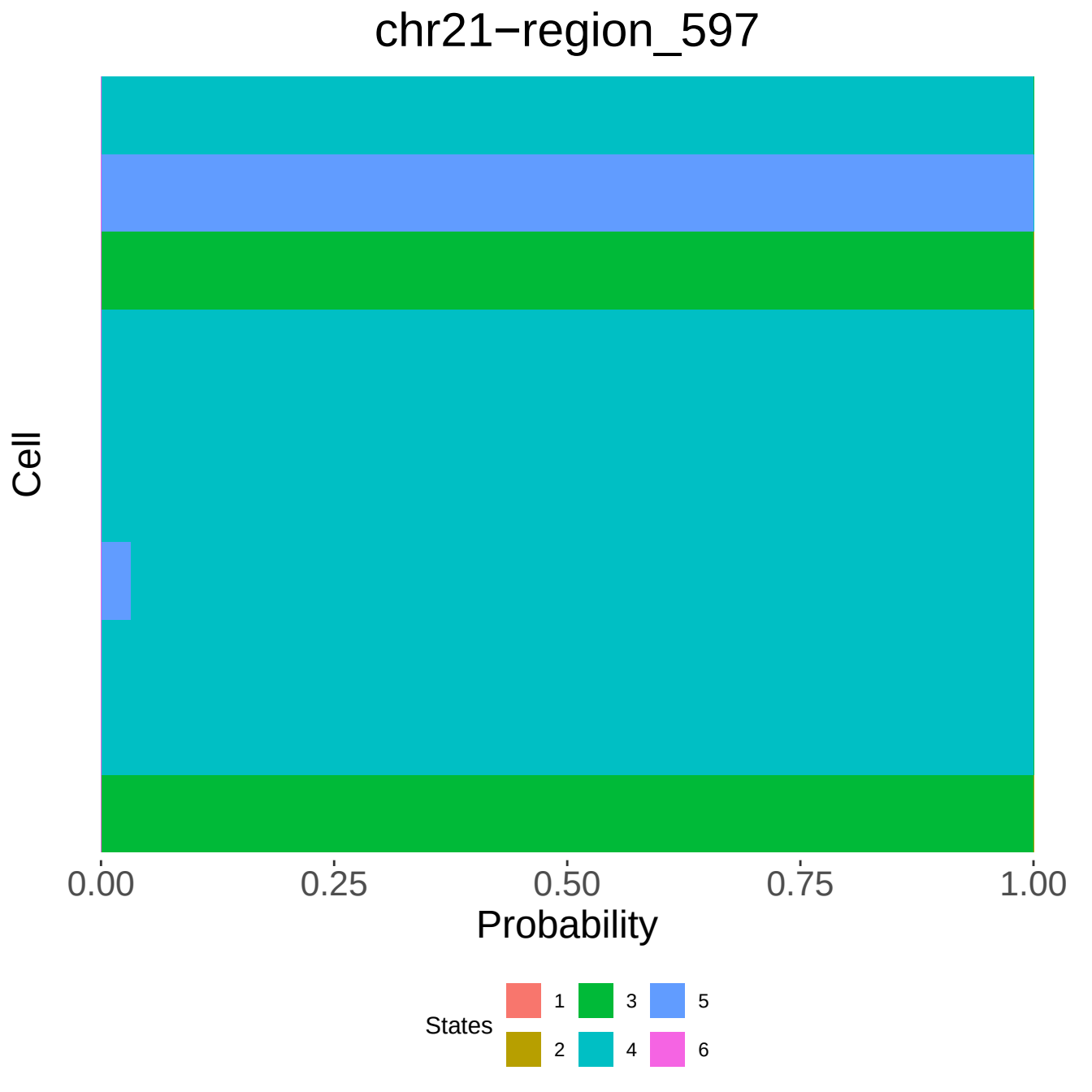
chr21−region_597
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Probability
States
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4
5
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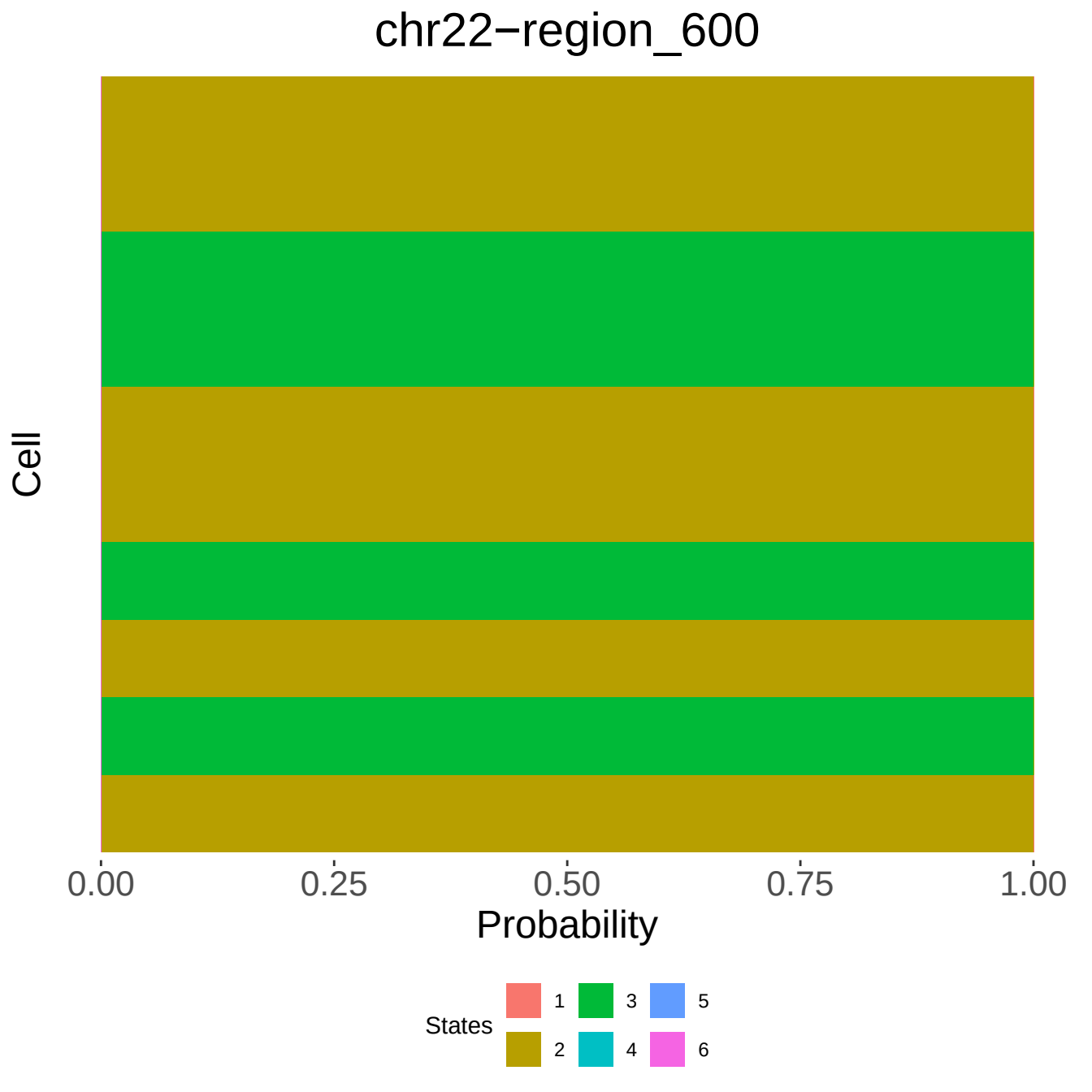
chr22−region_600
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Probability
States
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3
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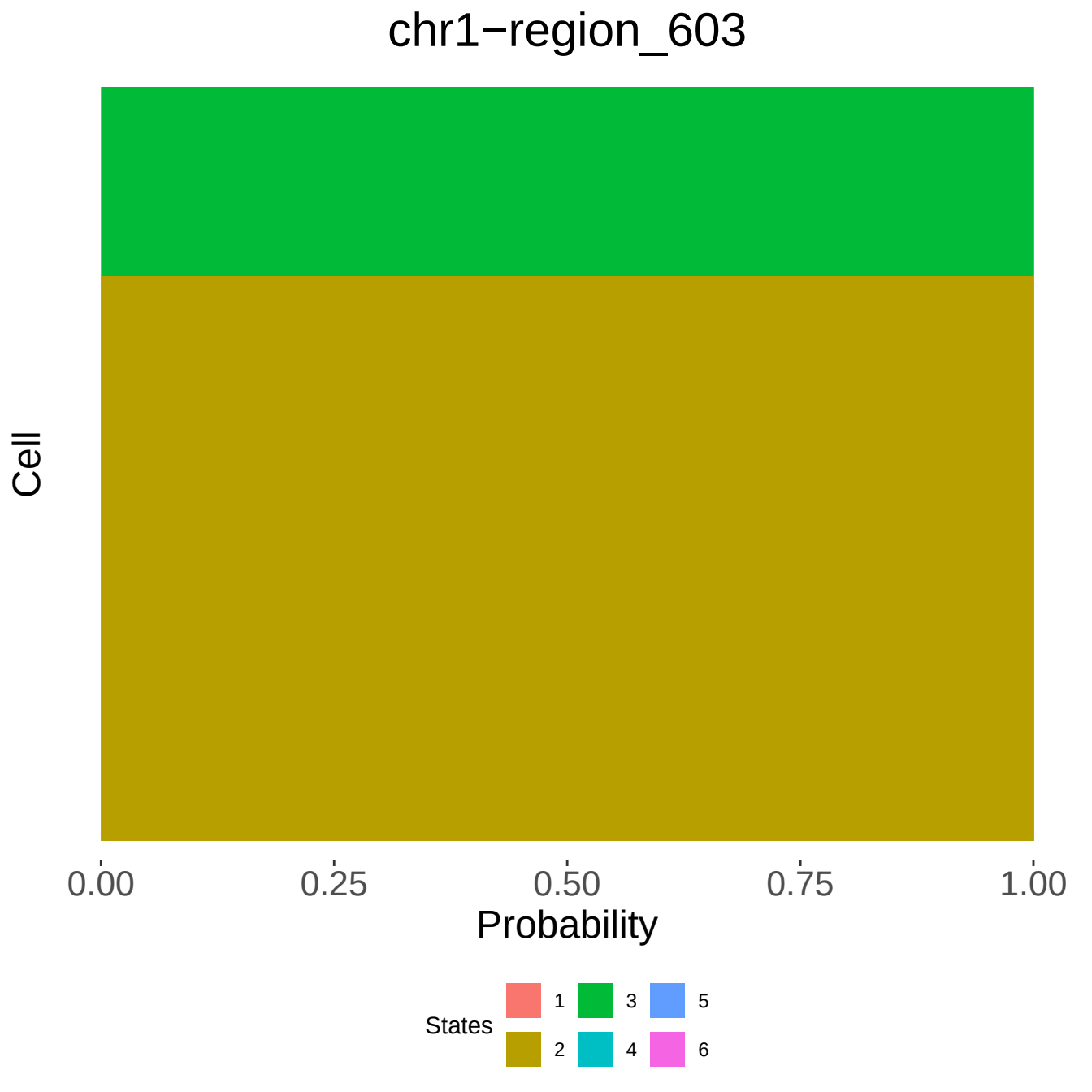
chr1−region_603
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Probability
States
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3
4
5
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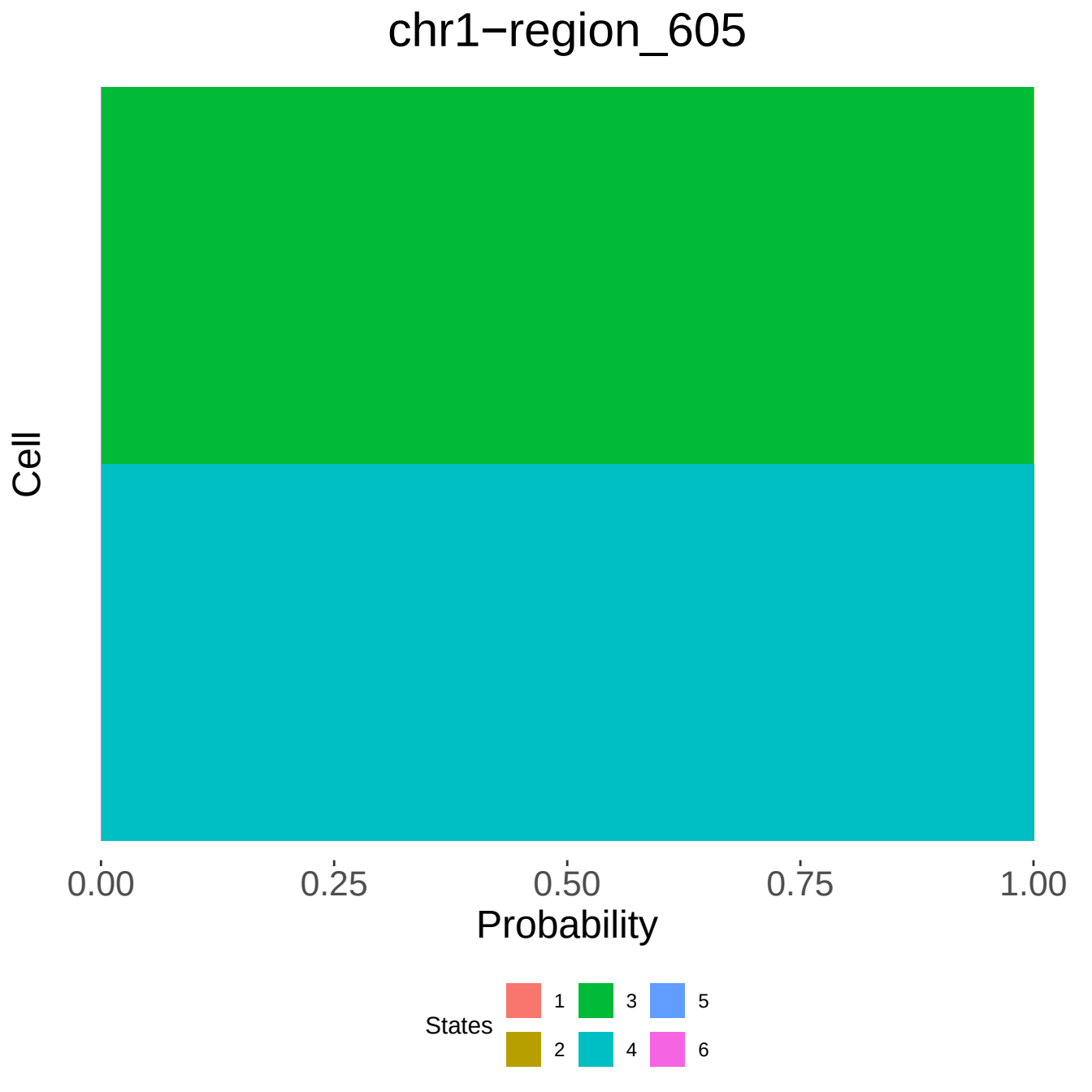
chr1−region_605
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Probability
States
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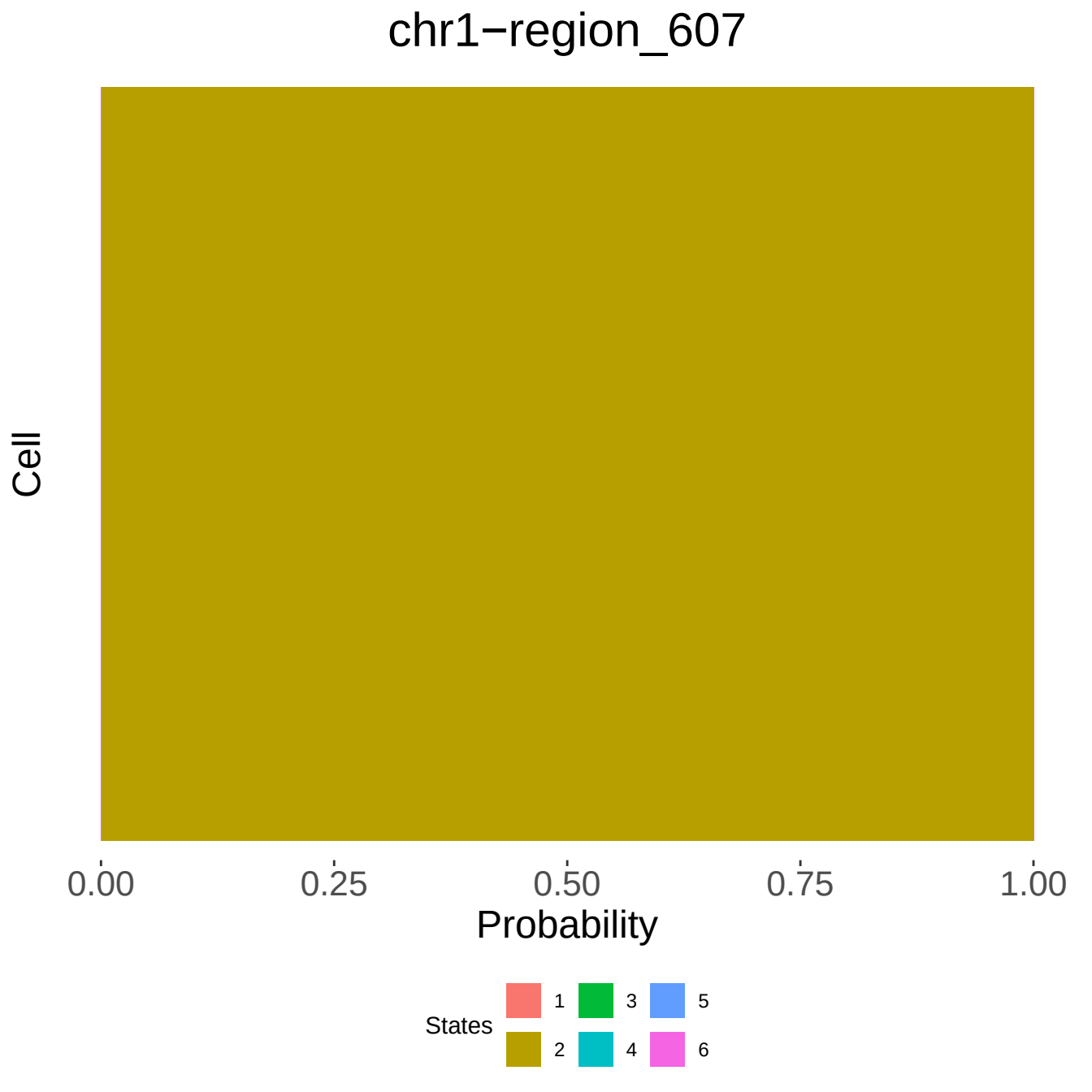
chr1−region_607
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Probability
States
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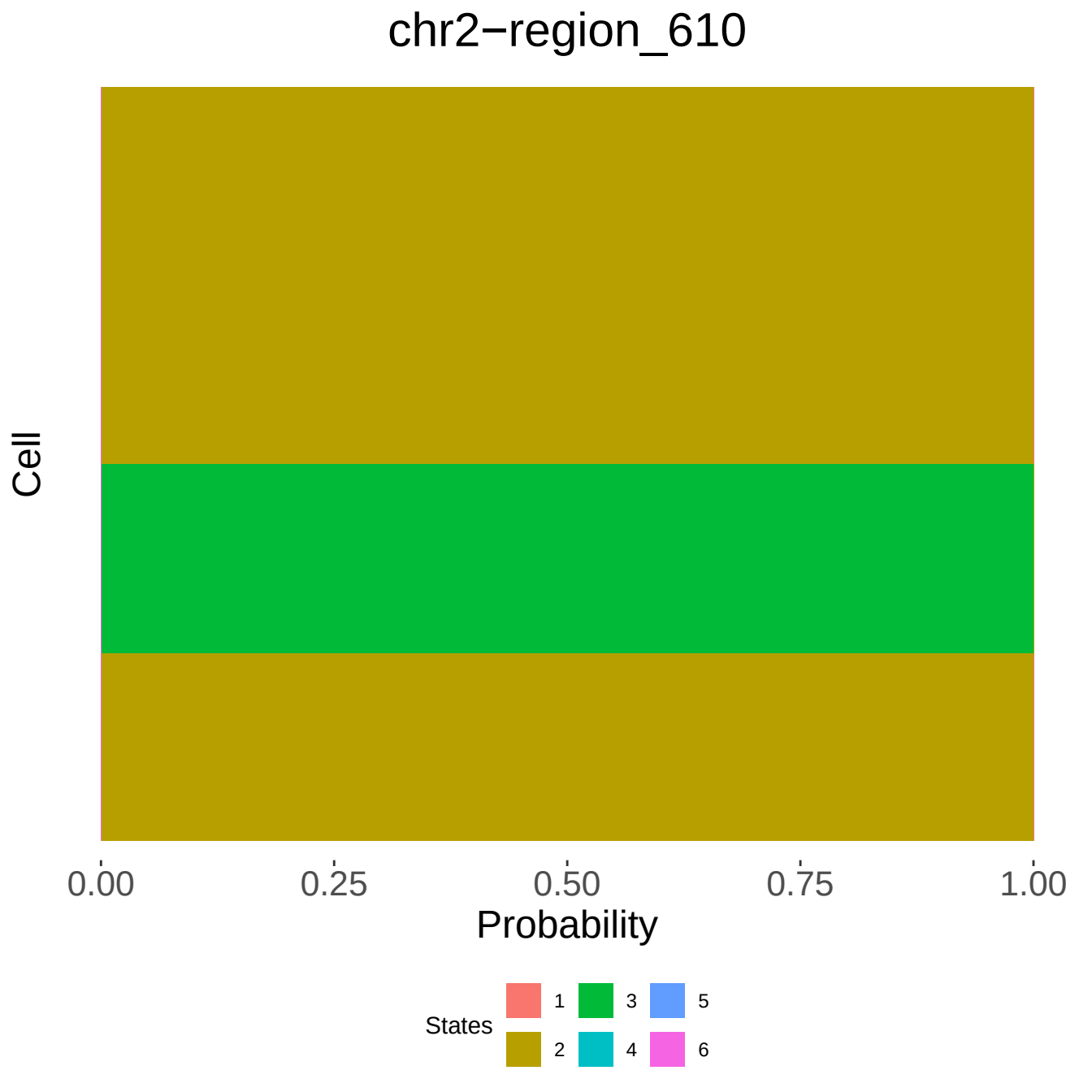
chr2−region_610
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Probability
States
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4
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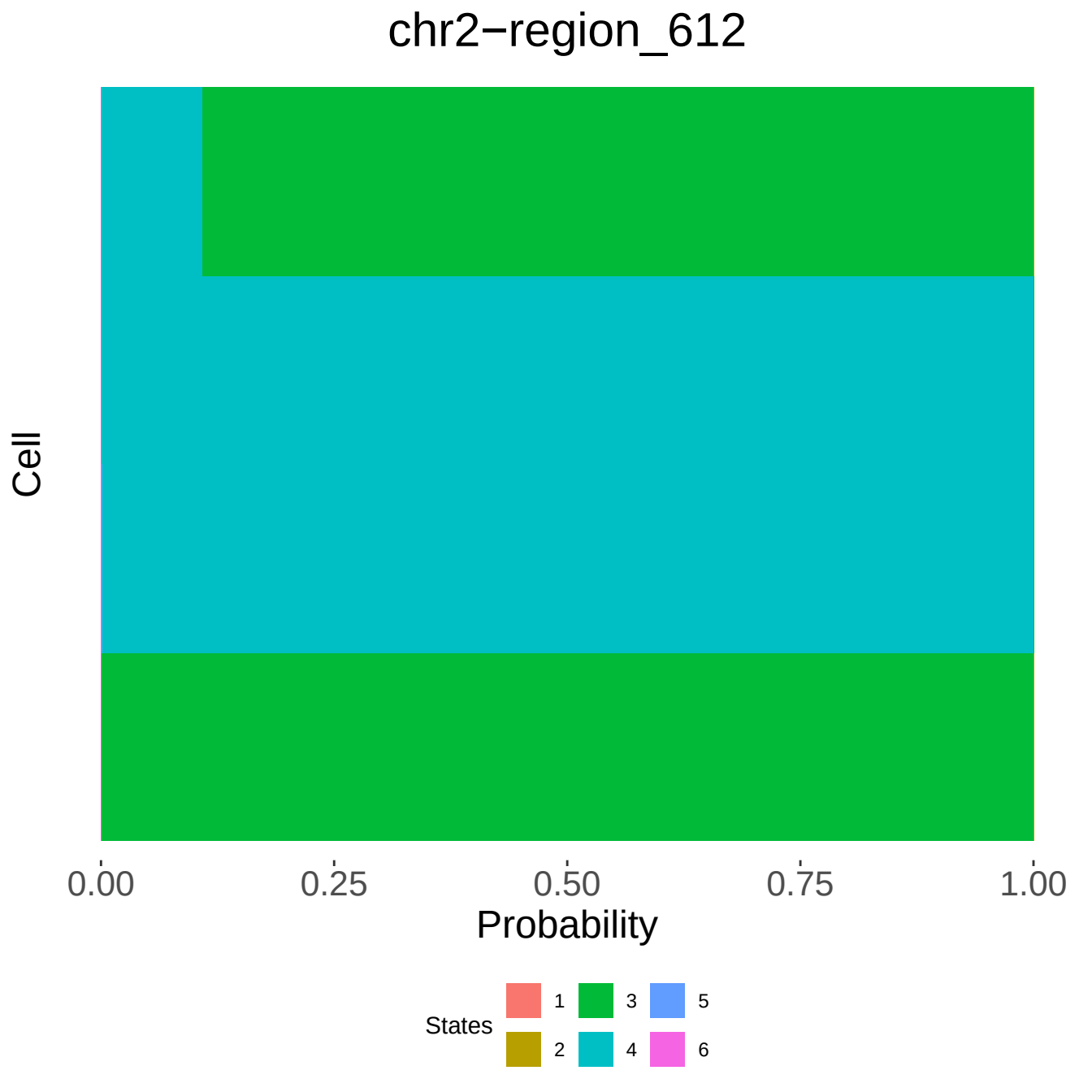
chr2−region_612
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Probability
States
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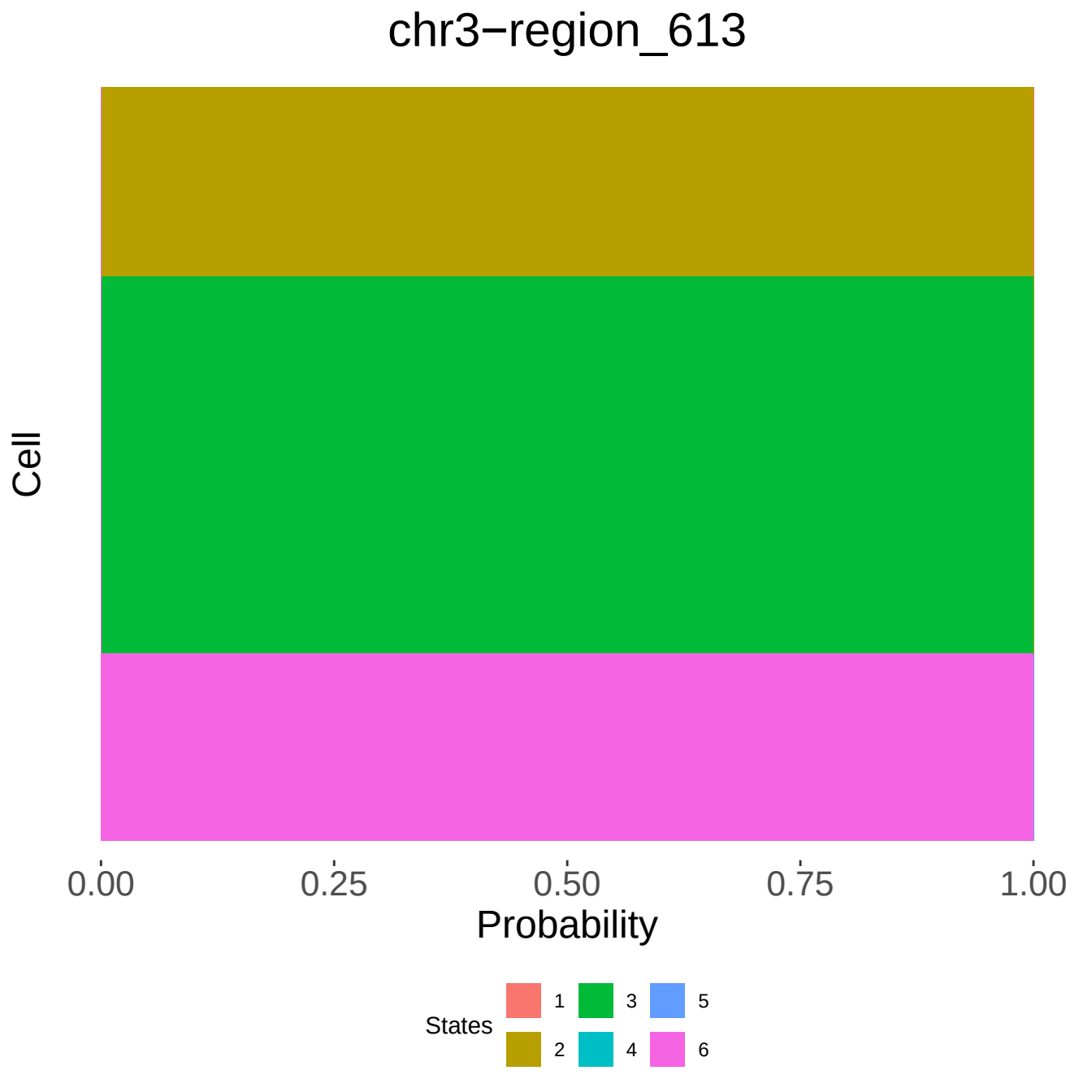
chr3−region_613
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Probability
States
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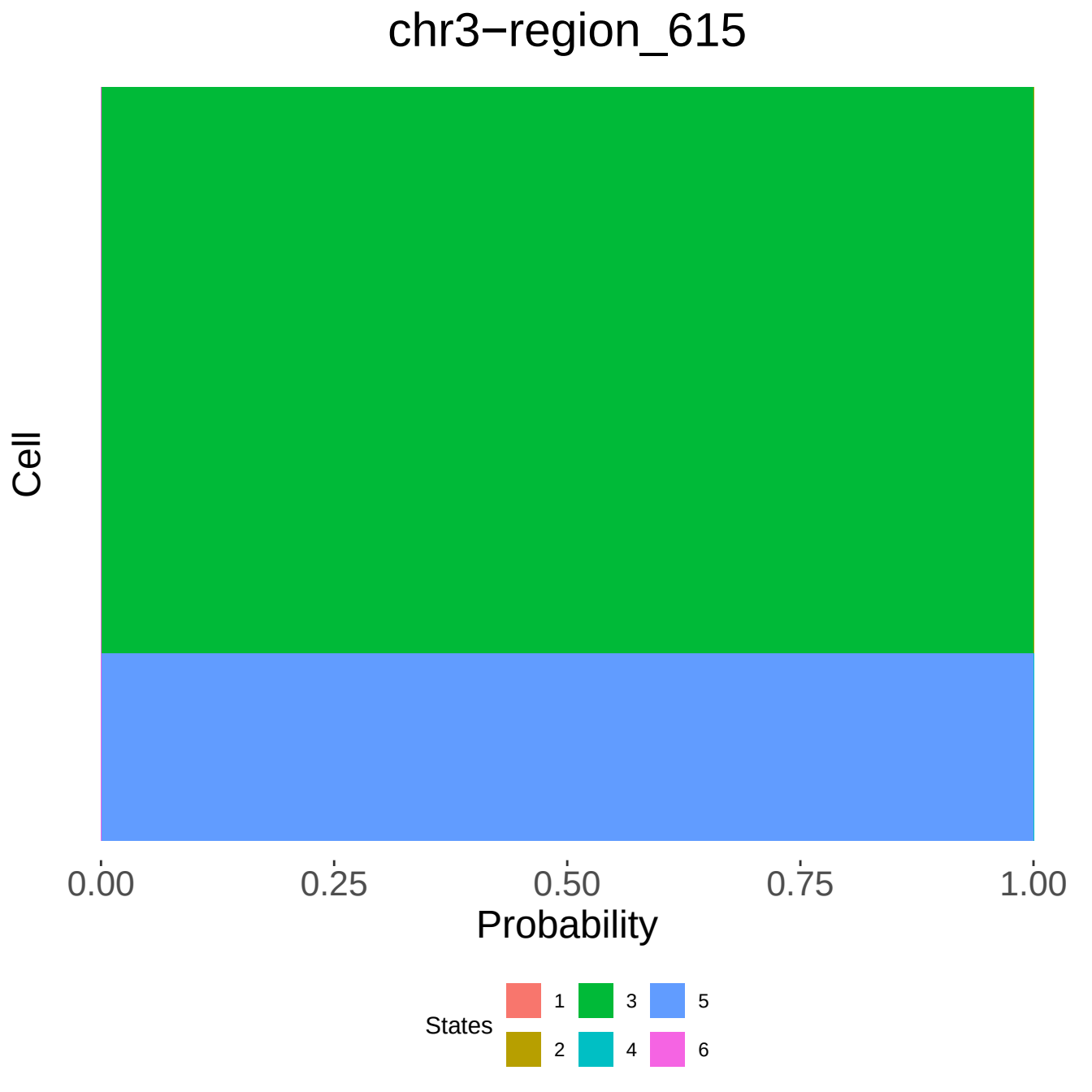
chr3−region_615
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Probability
States
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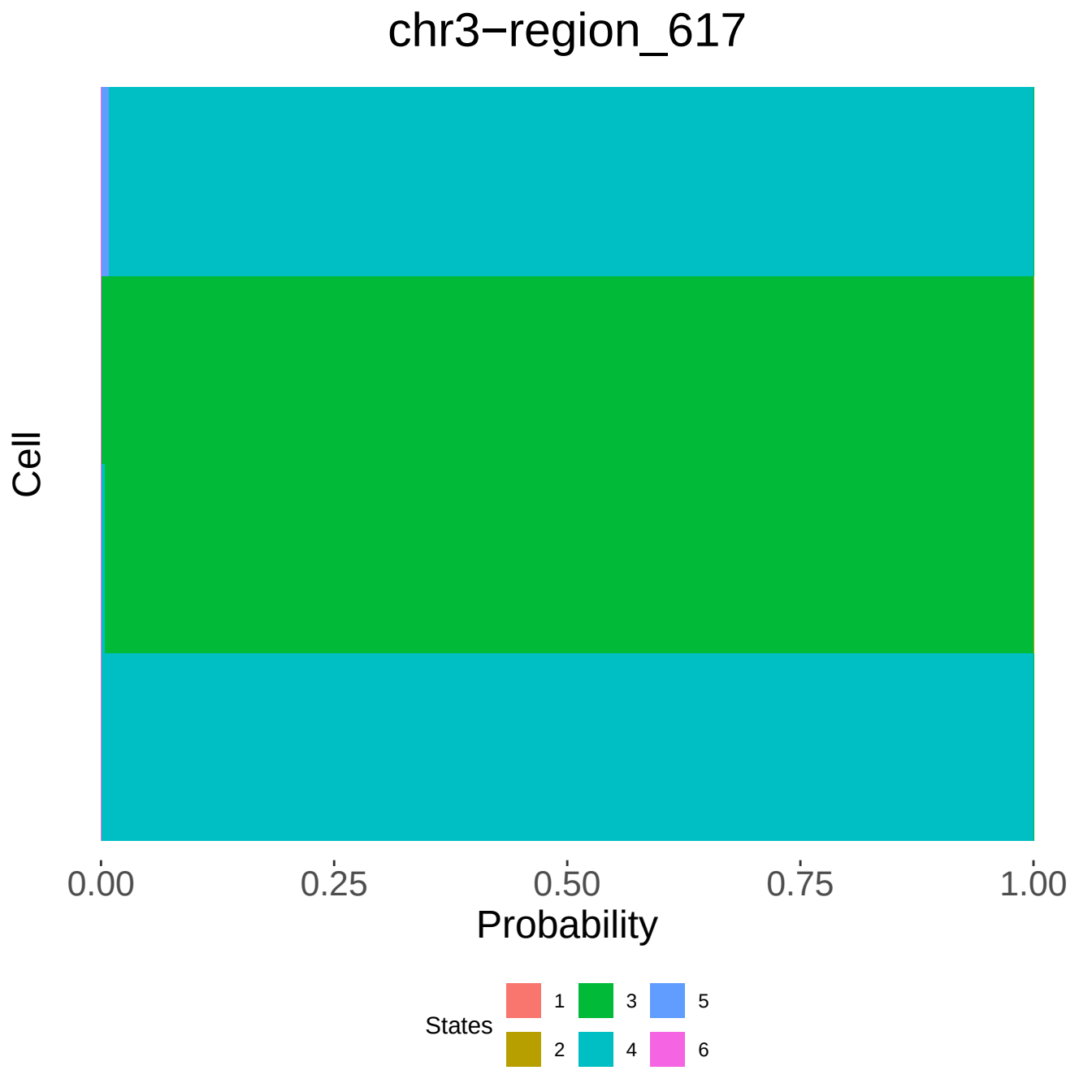
chr3−region_617
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Probability
States
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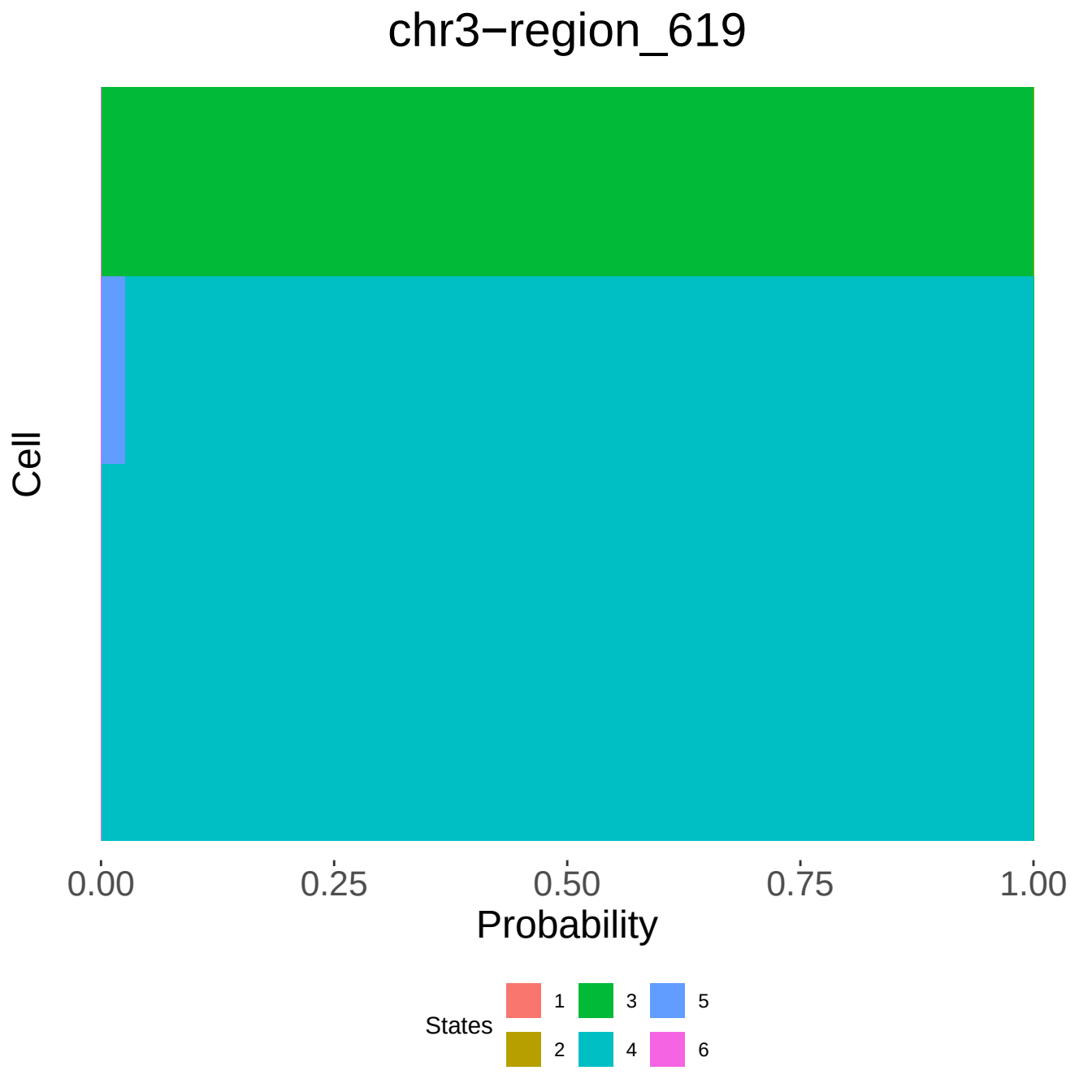
chr3−region_619
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Probability
States
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4
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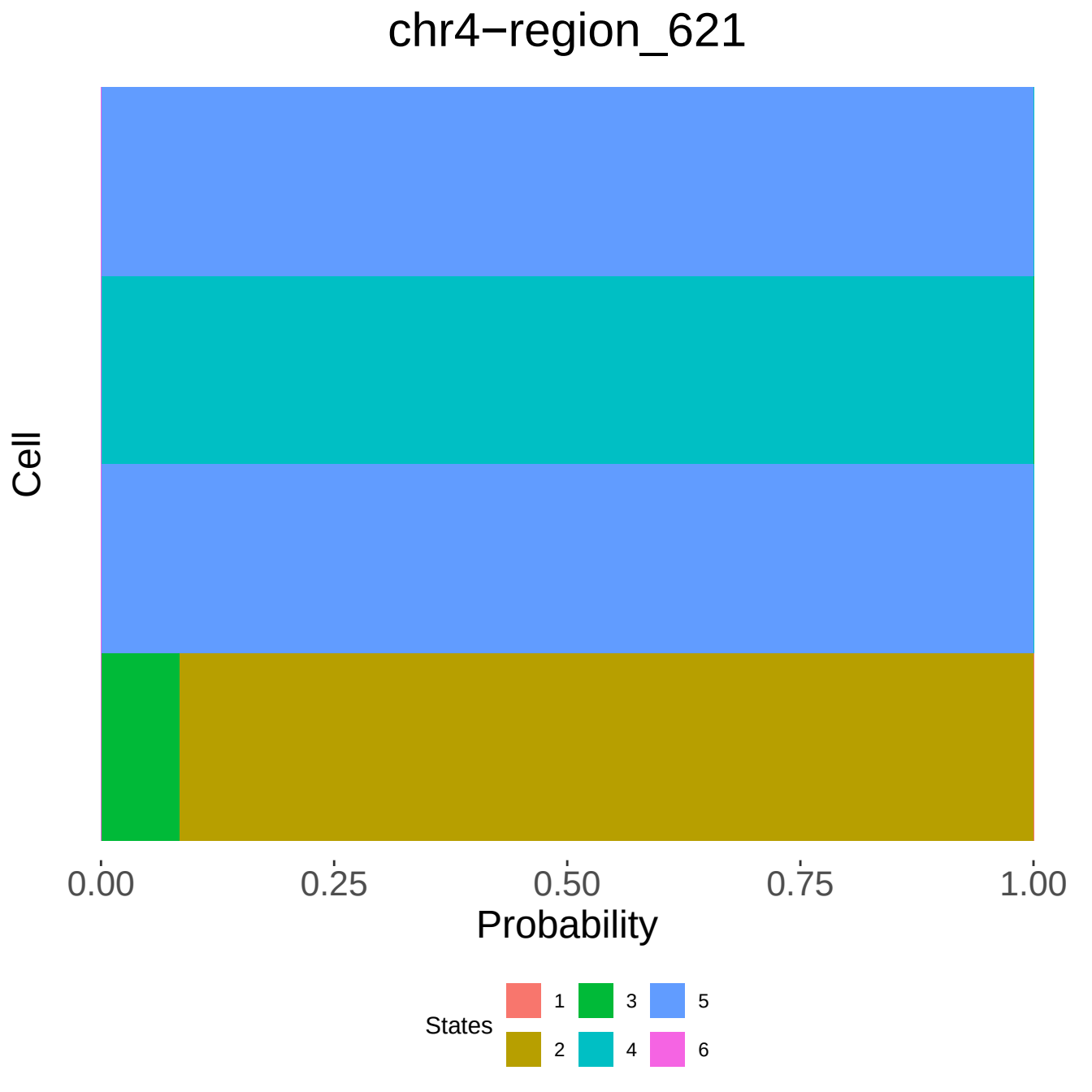
6


chr4−region_621
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Probability
States
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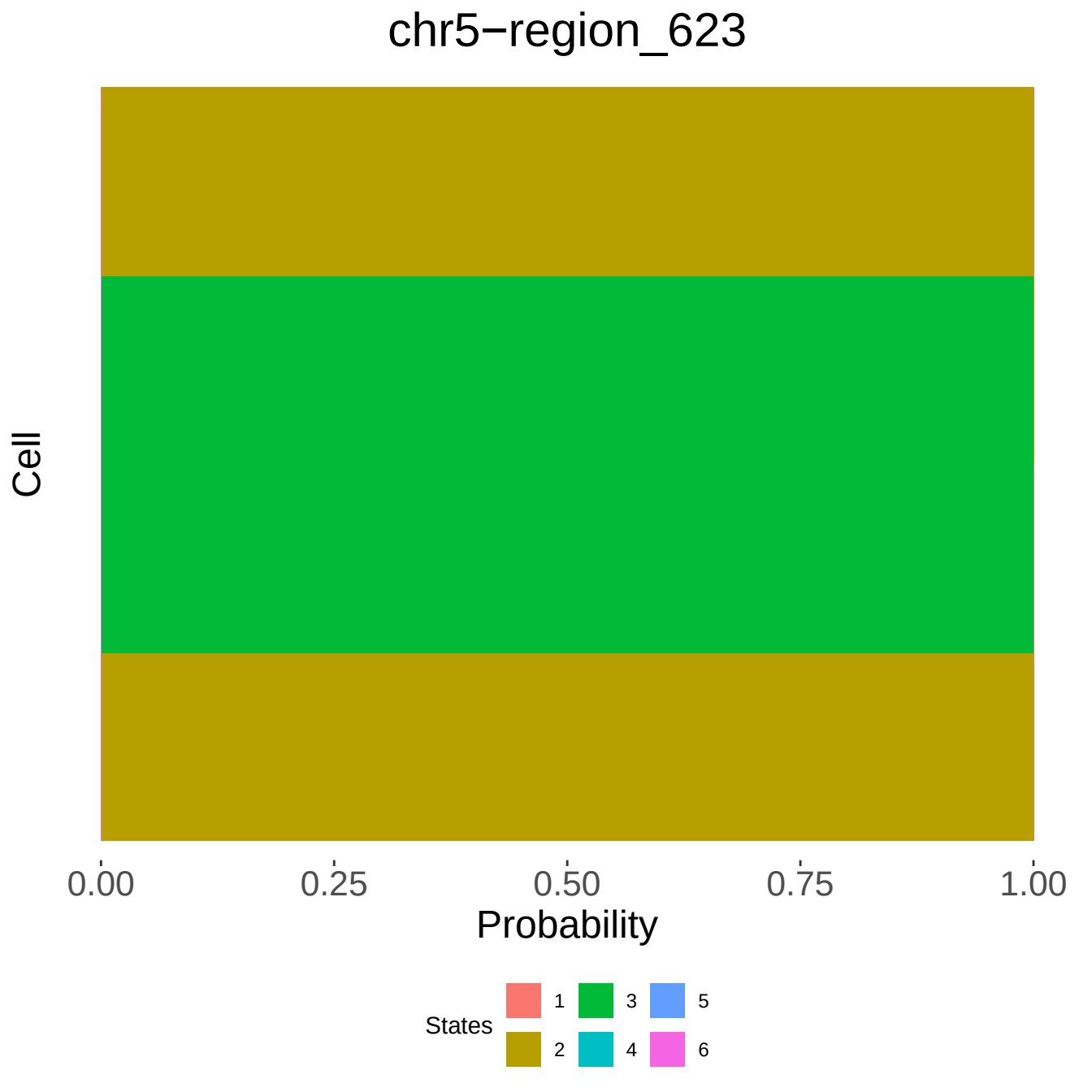
6


chr5−region_623
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Probability
States
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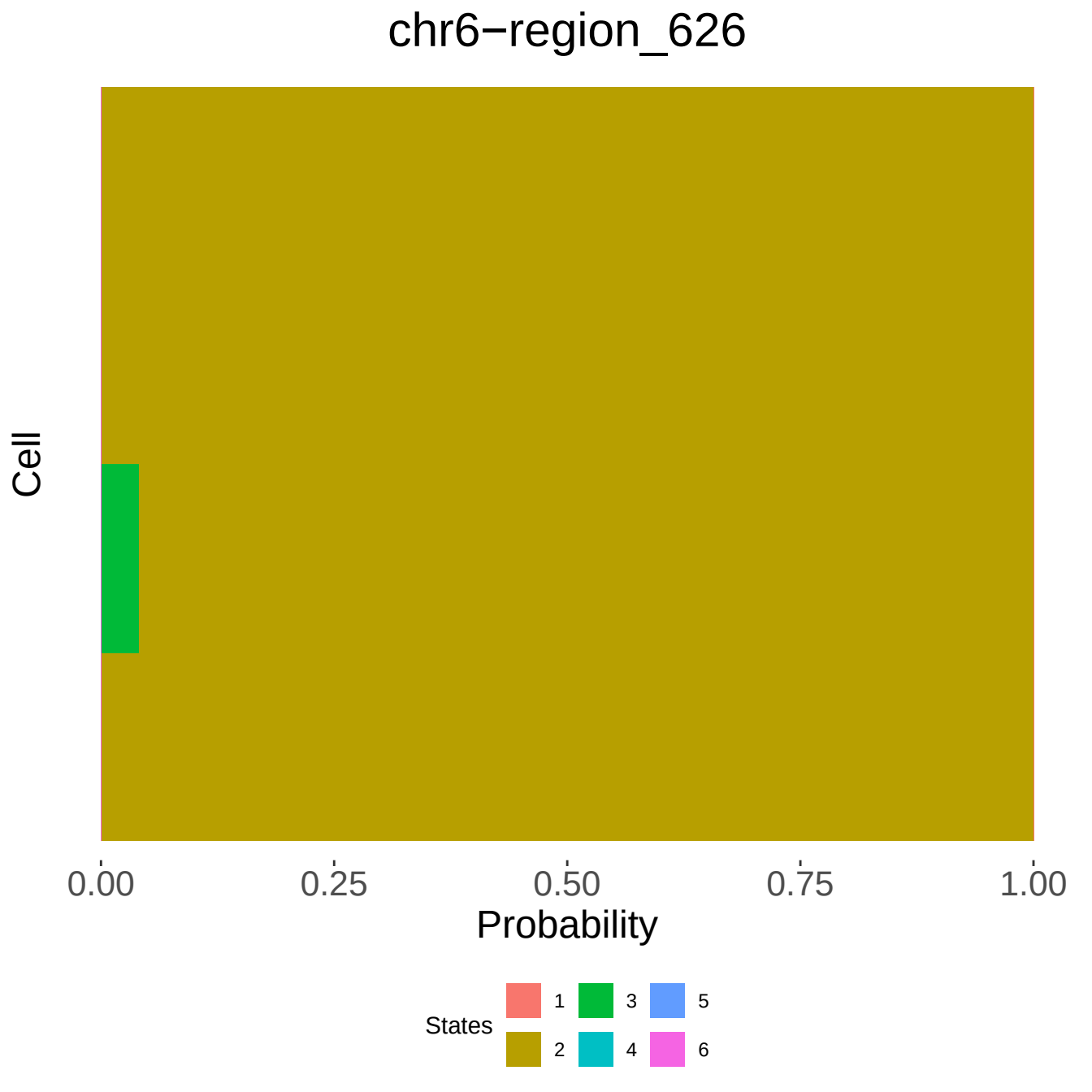
2
4
6


chr6−region_626
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Probability
States
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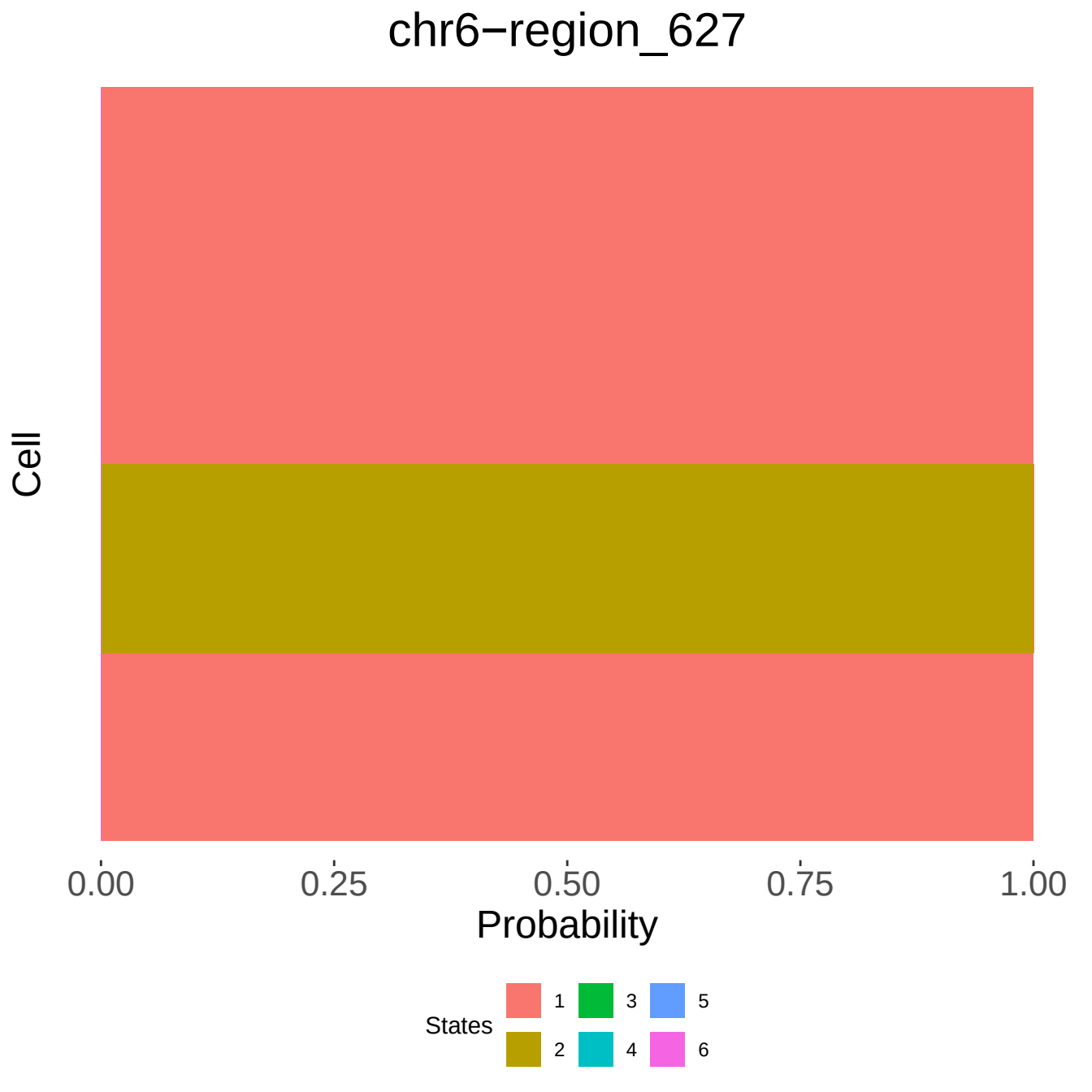
chr6−region_627
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Probability
States
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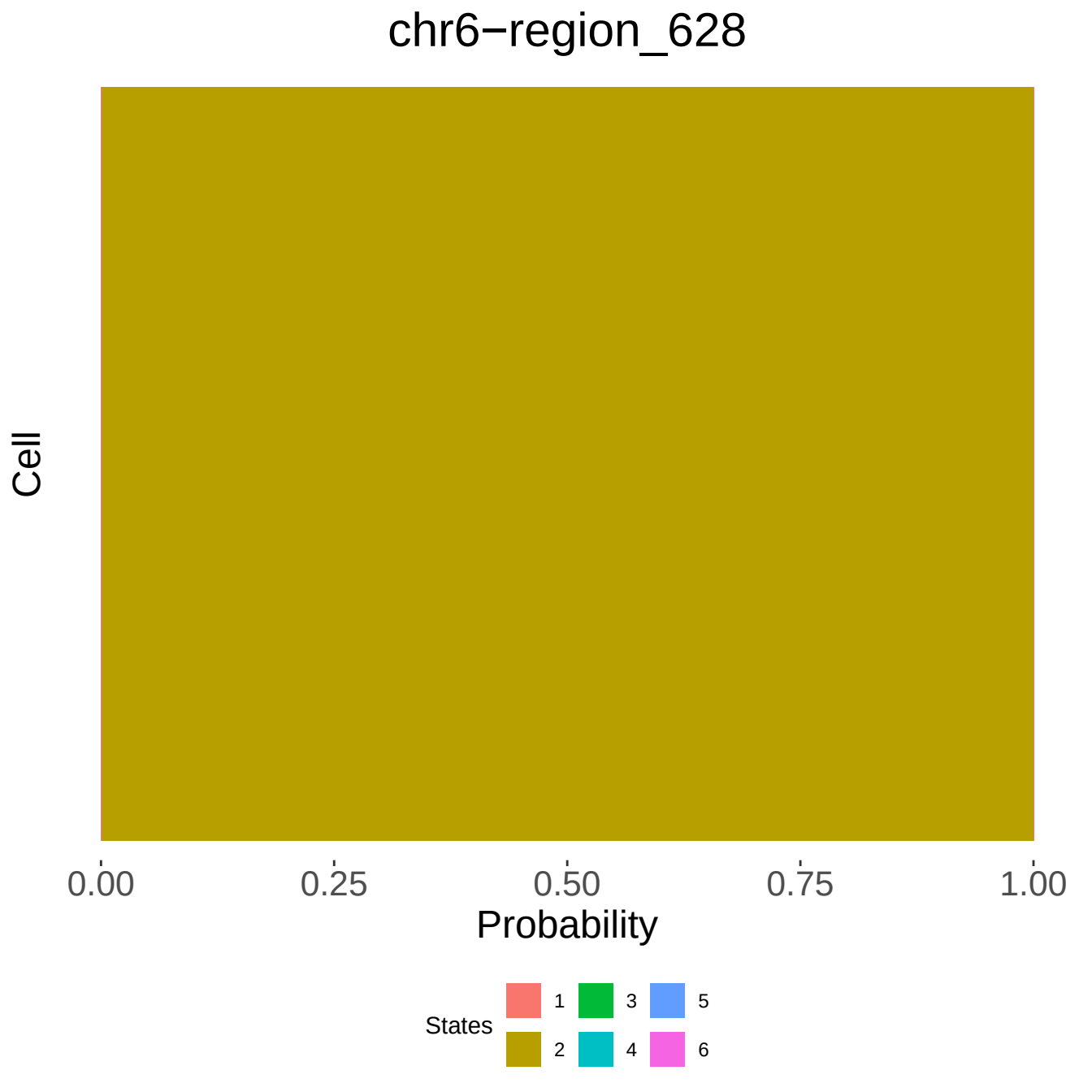
3
4
5
6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Probability
States
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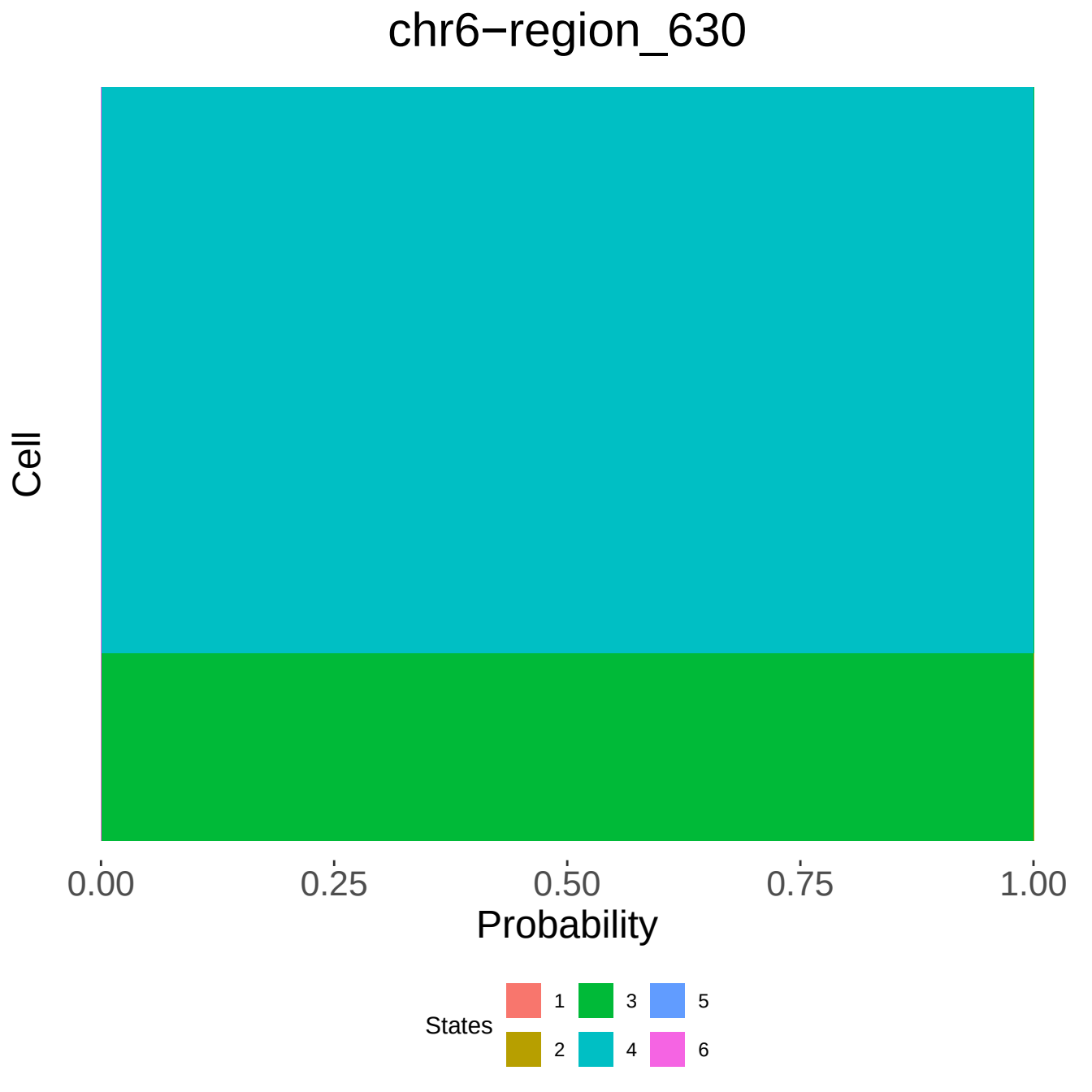
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Probability
States
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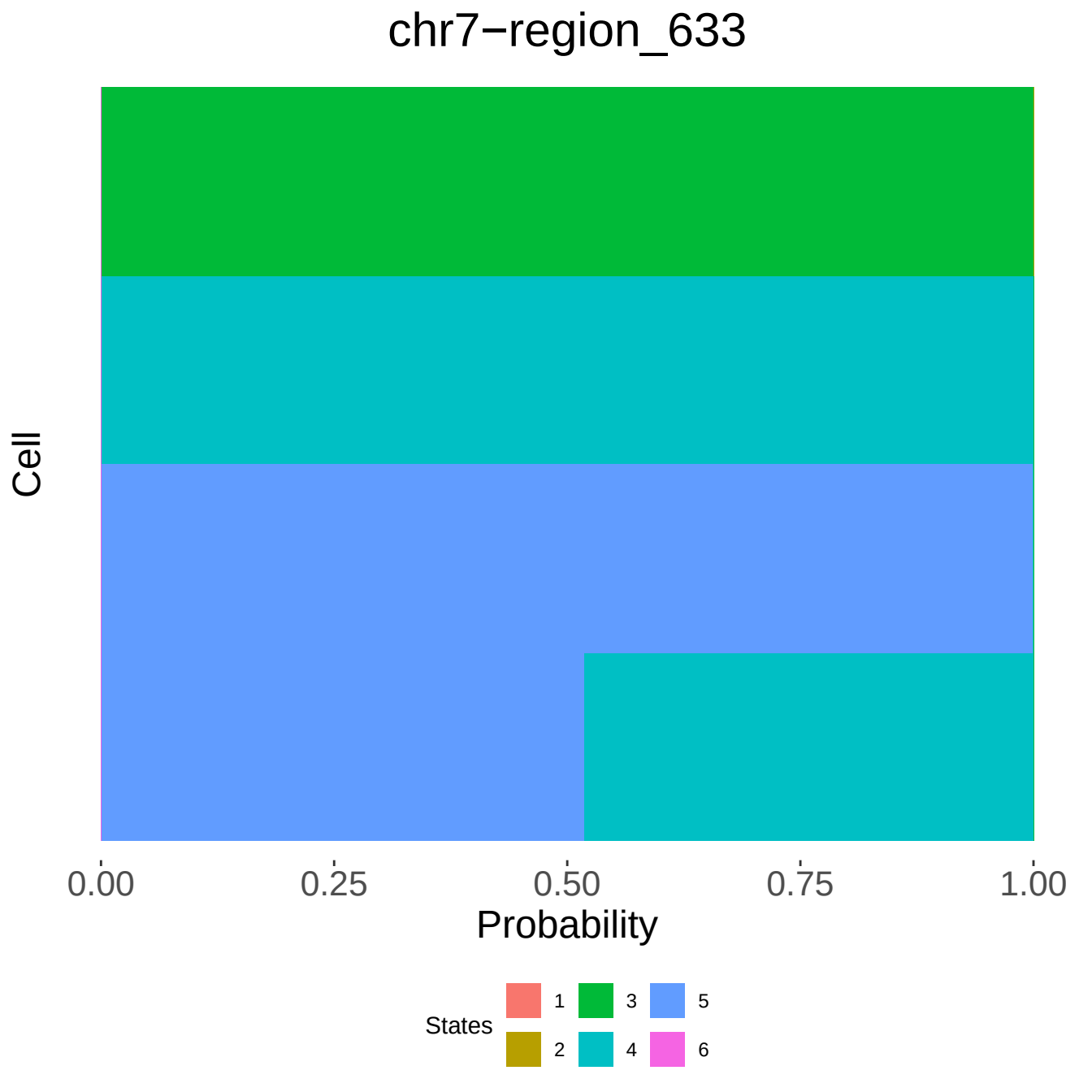
chr7−region_633
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Probability
States
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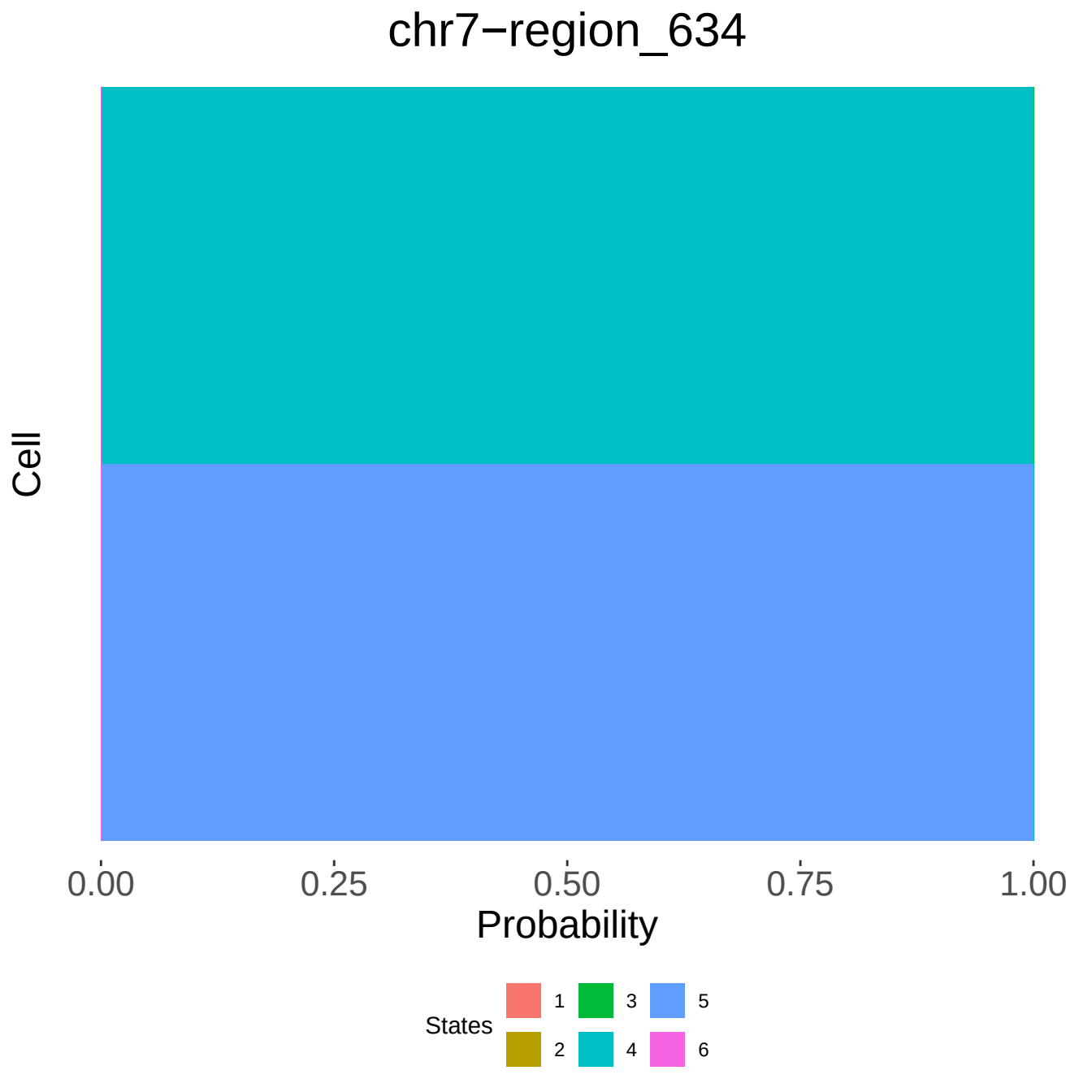
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Probability
States
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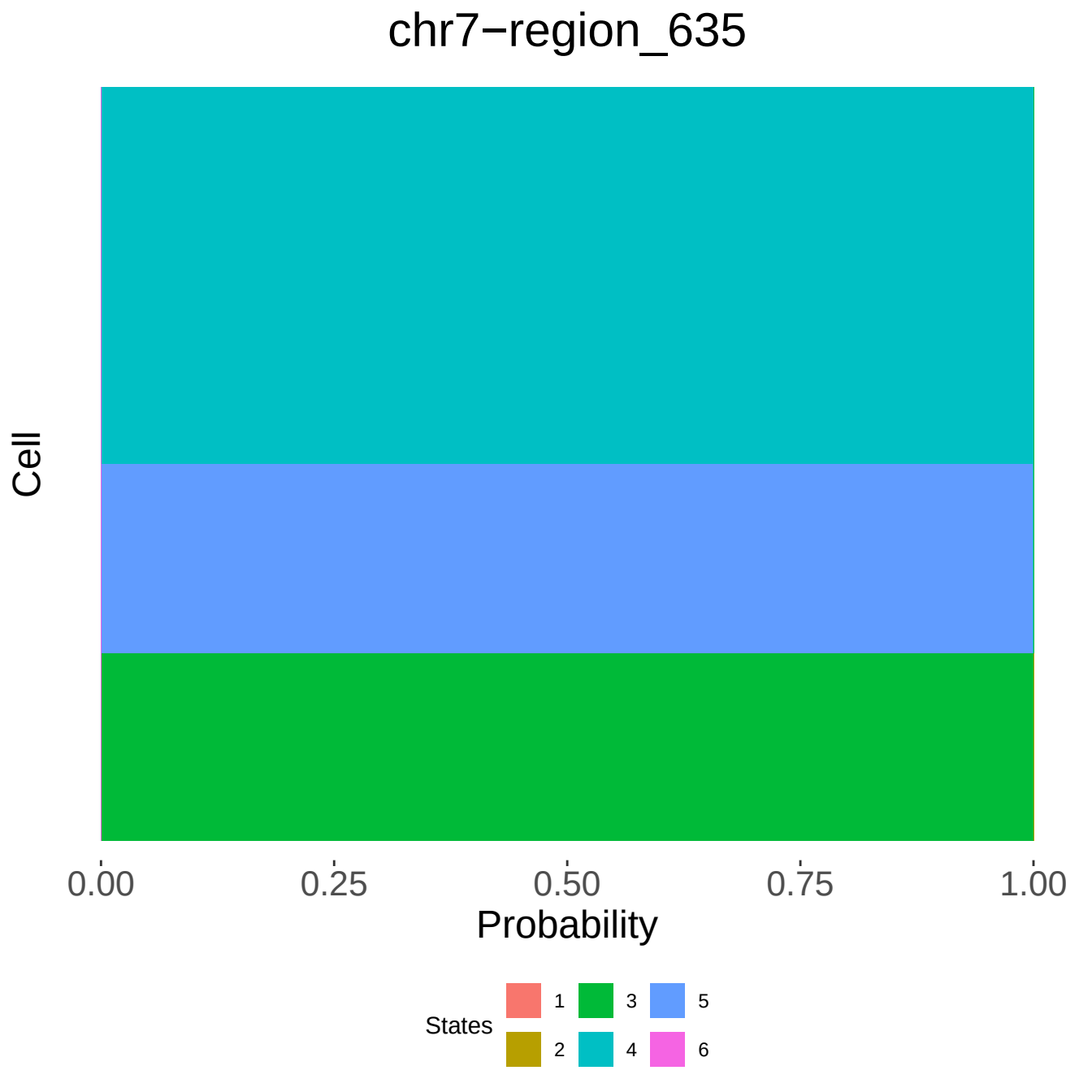
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Probability
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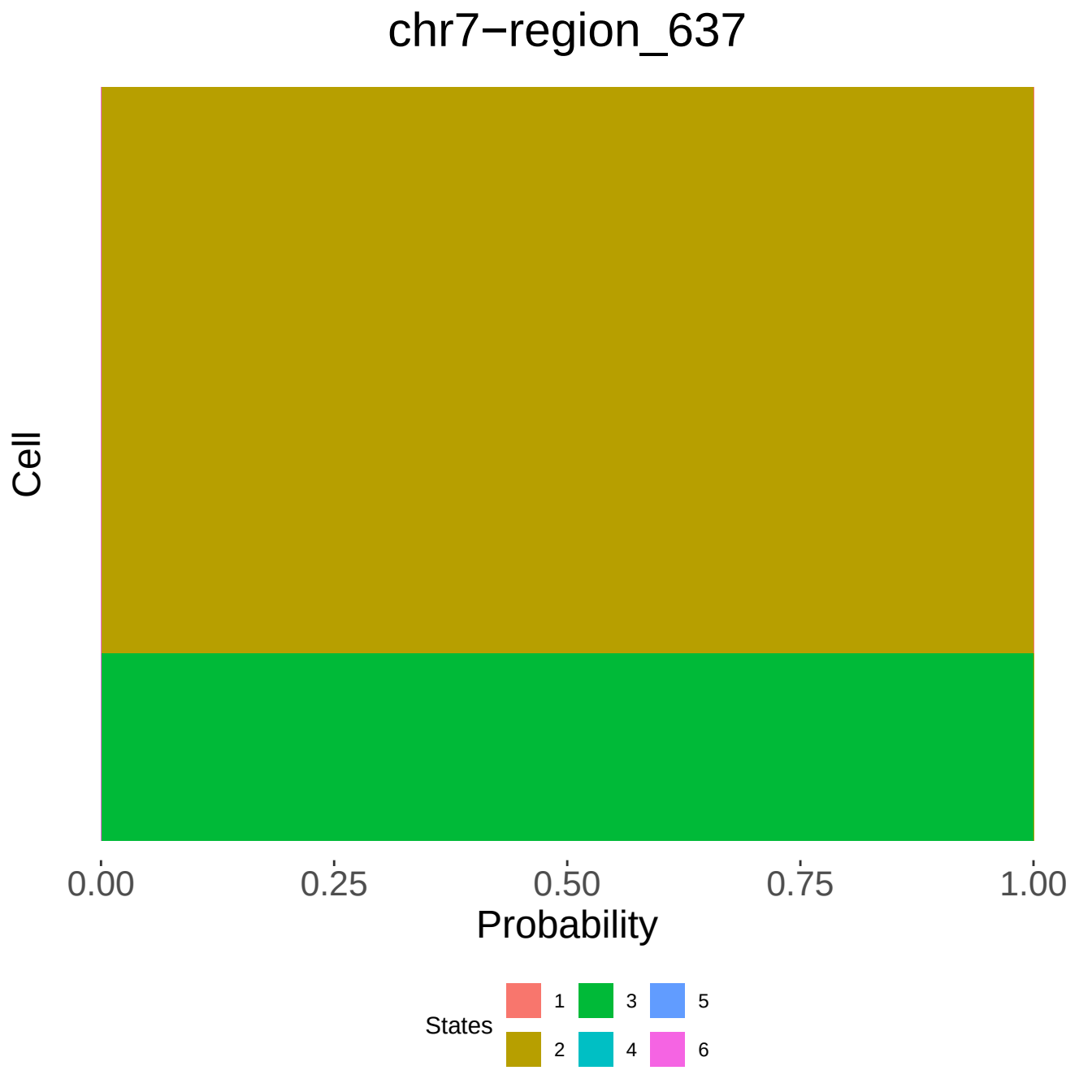
chr7−region_637
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Probability
States
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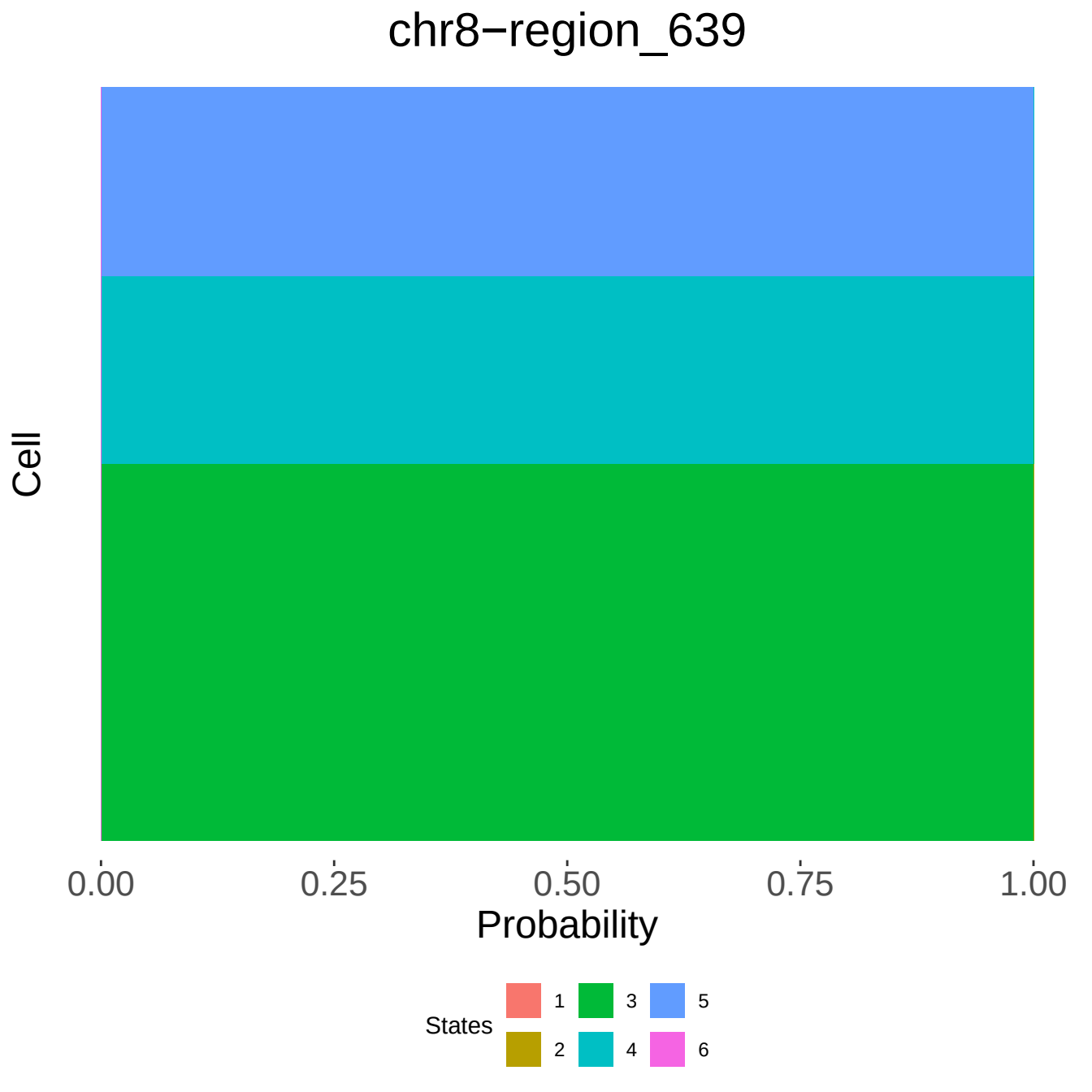
chr8−region_639
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Probability
States
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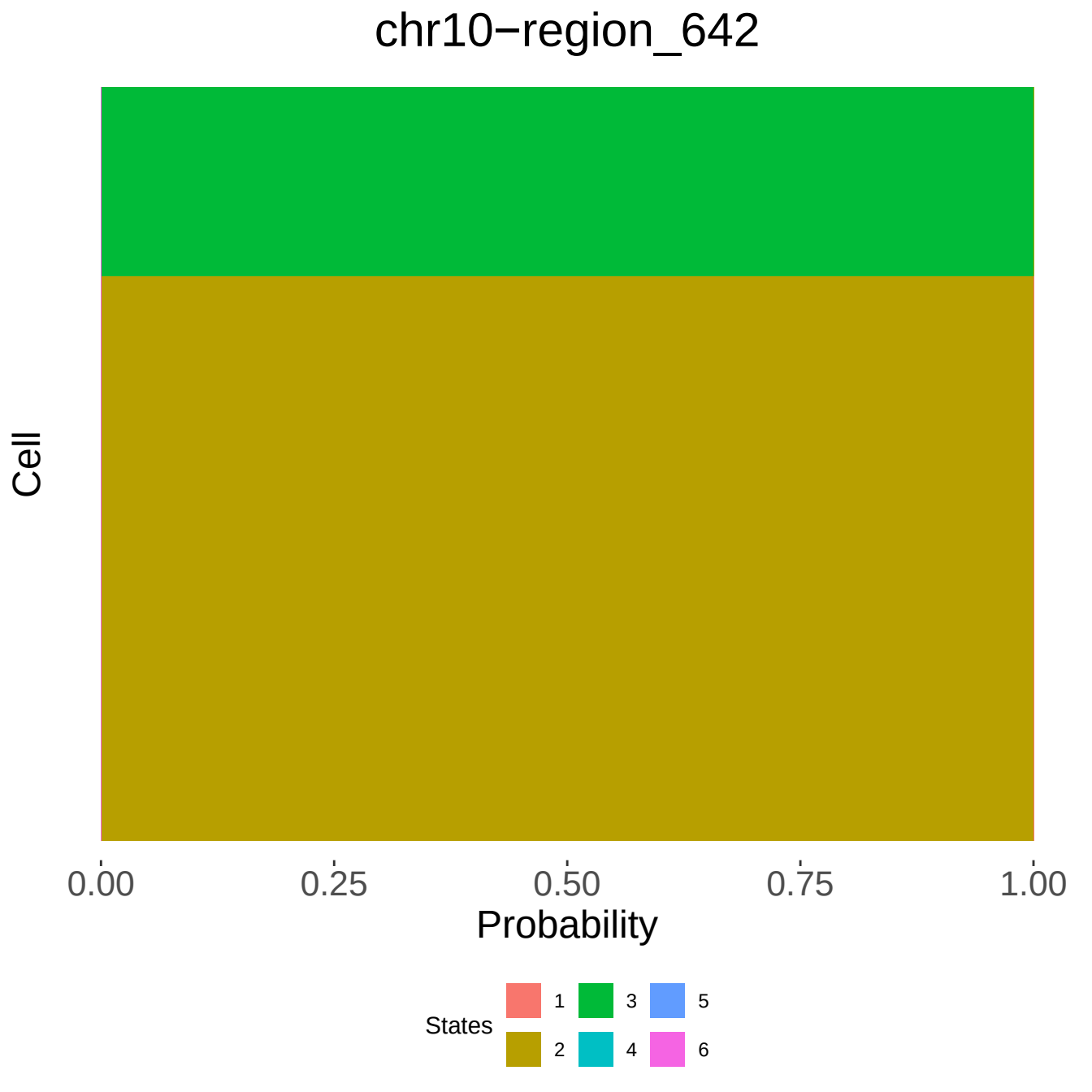
chr10−region_642
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Probability
States
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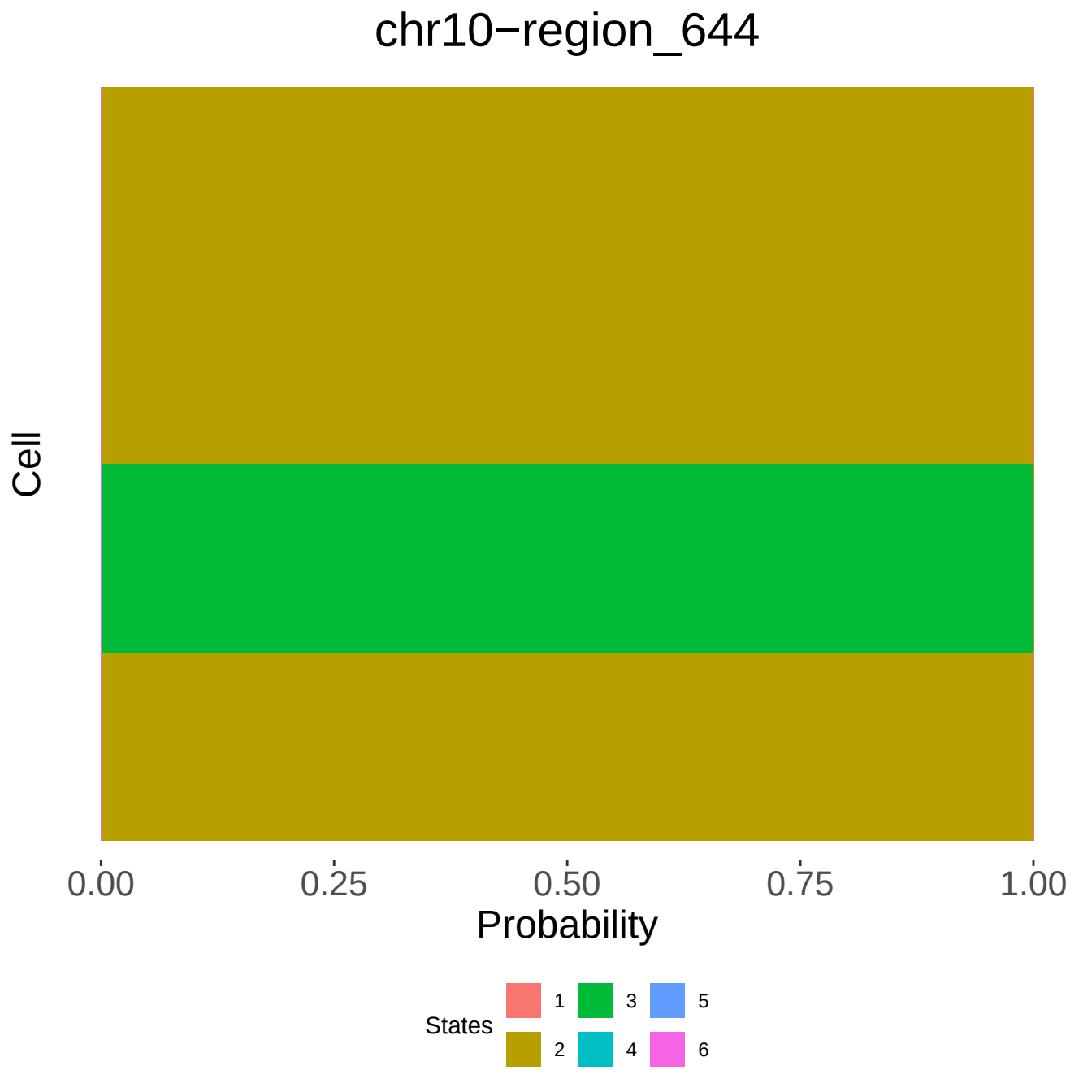
chr10−region_644
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Probability
States
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2
4
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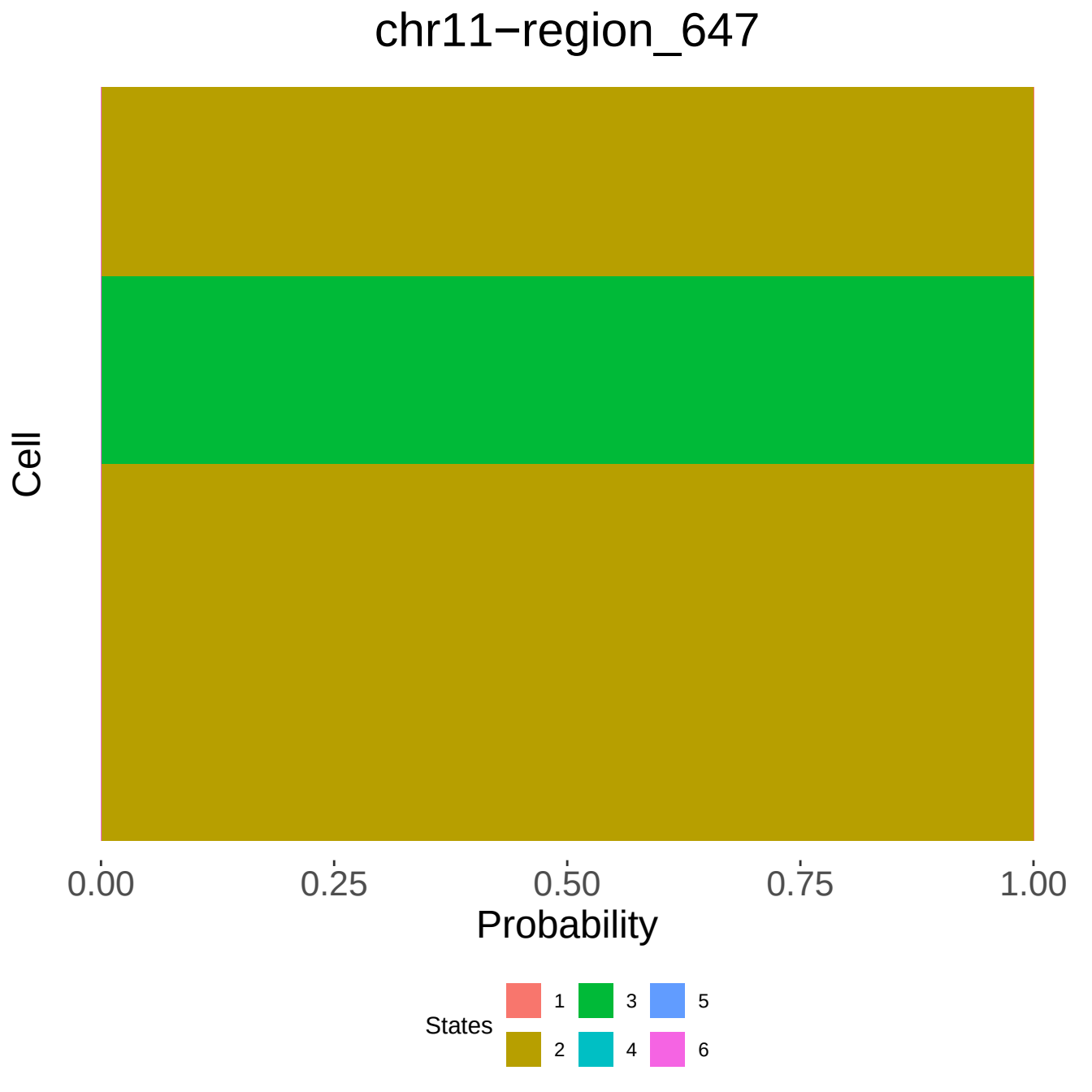
chr11−region_647
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Probability
States
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5
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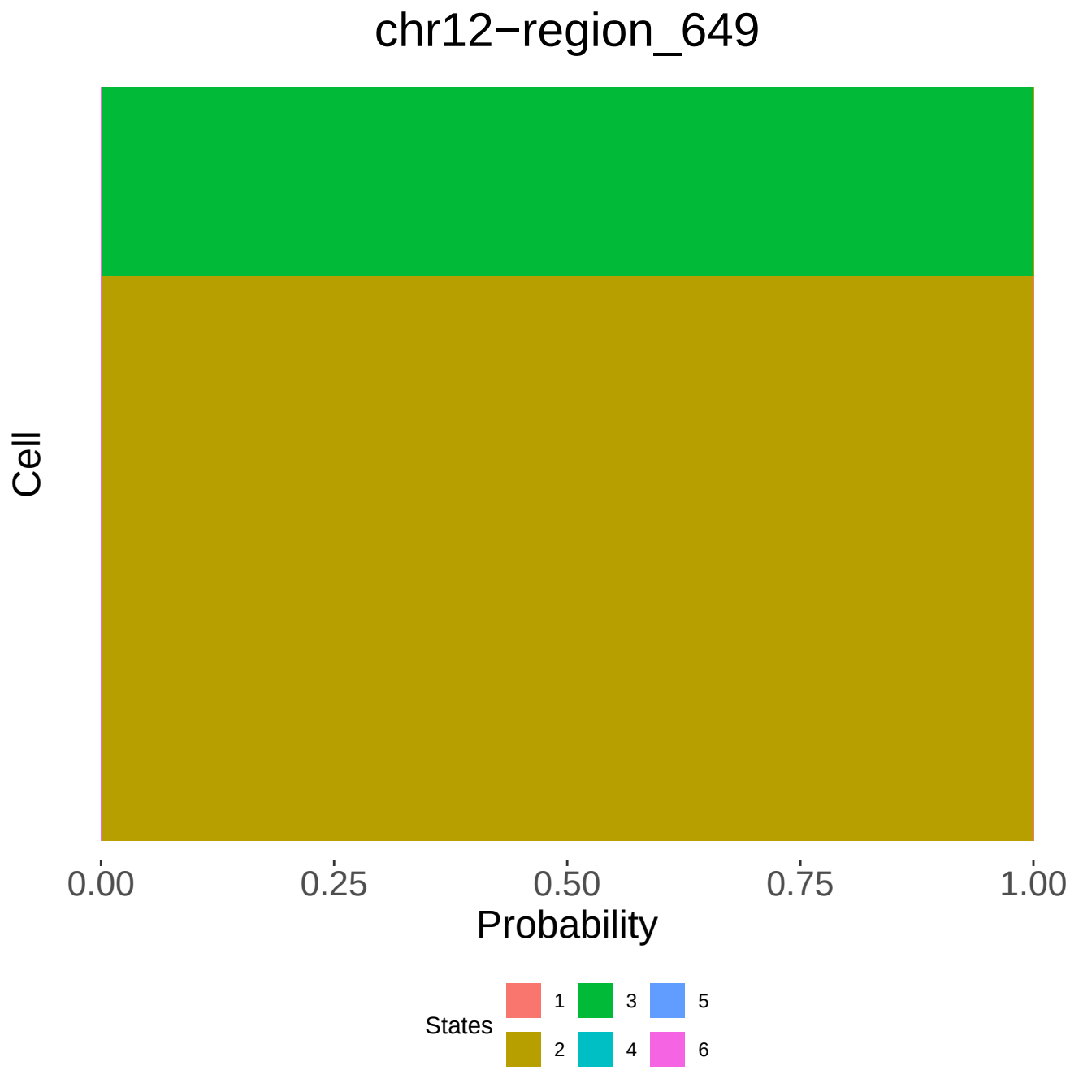
chr12−region_649
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Probability
States
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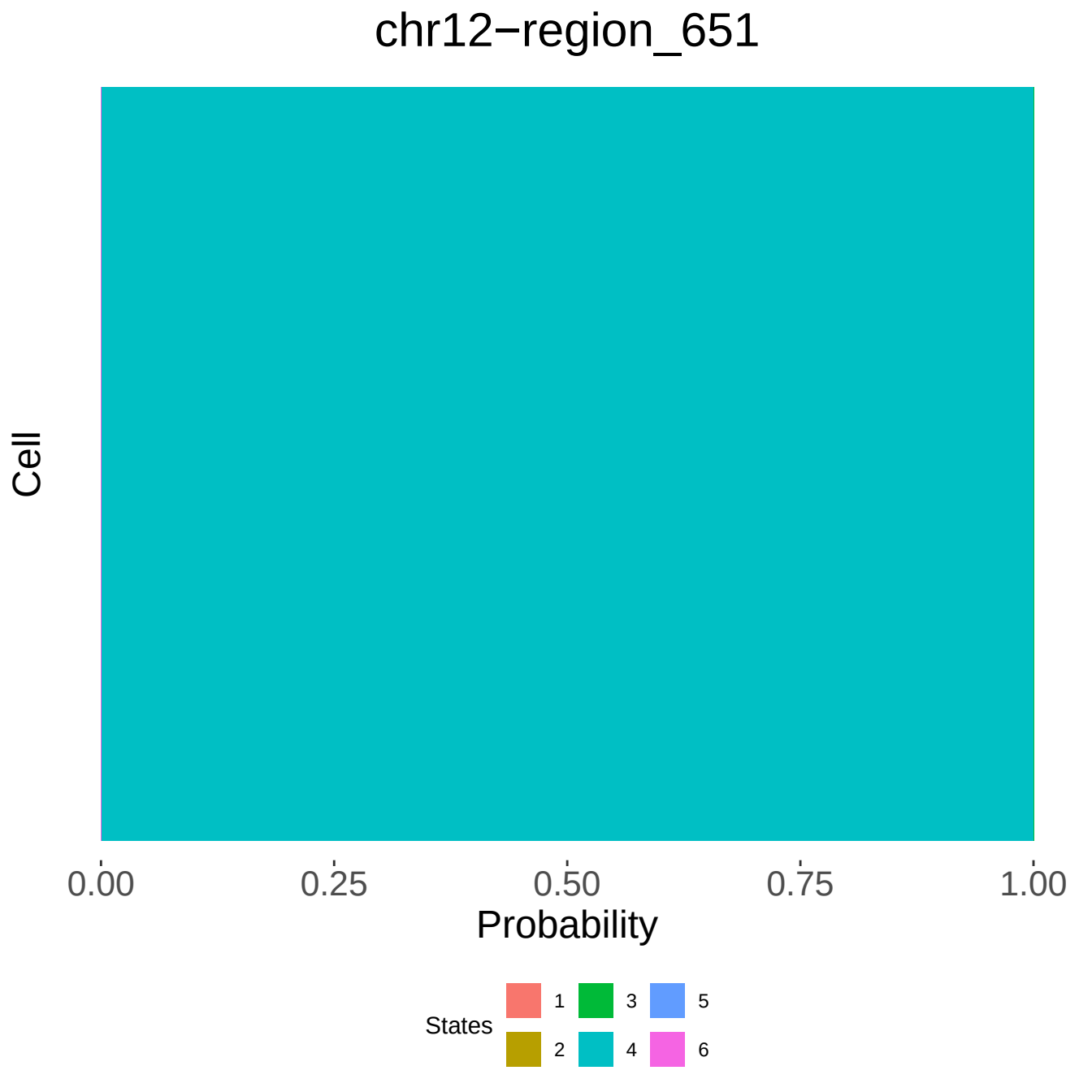
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Probability
States
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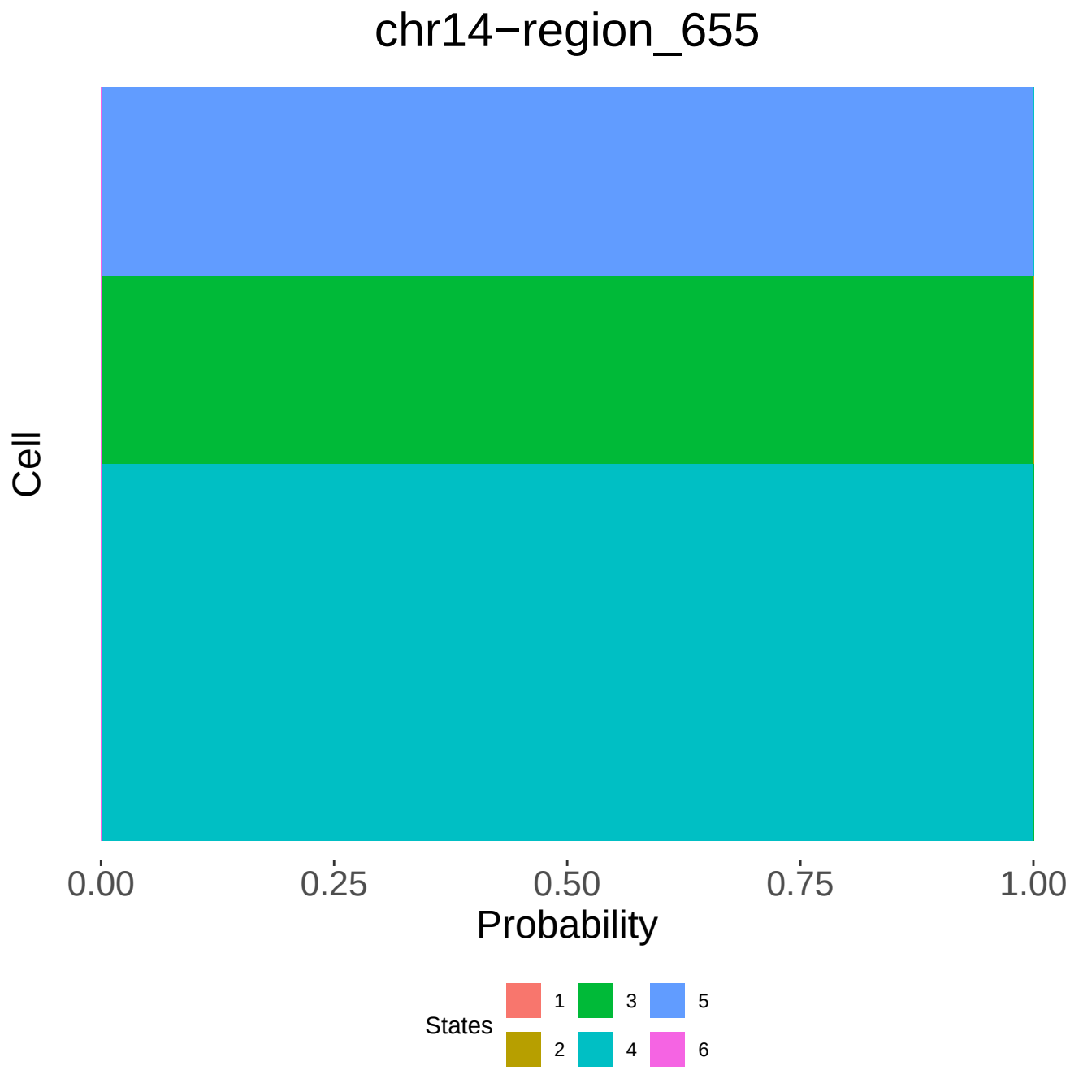
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Probability
States
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5
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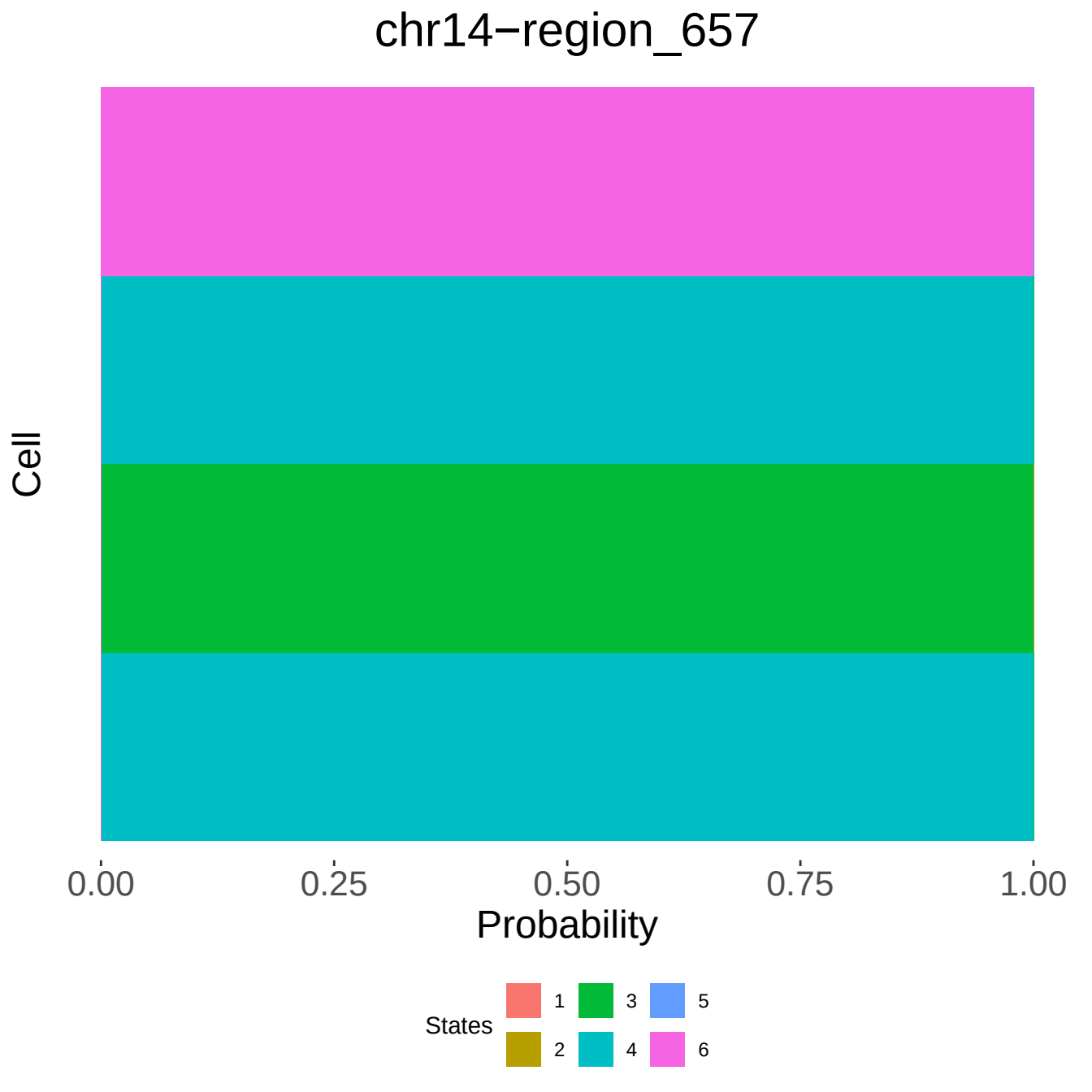
chr14−region_657
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Probability
States
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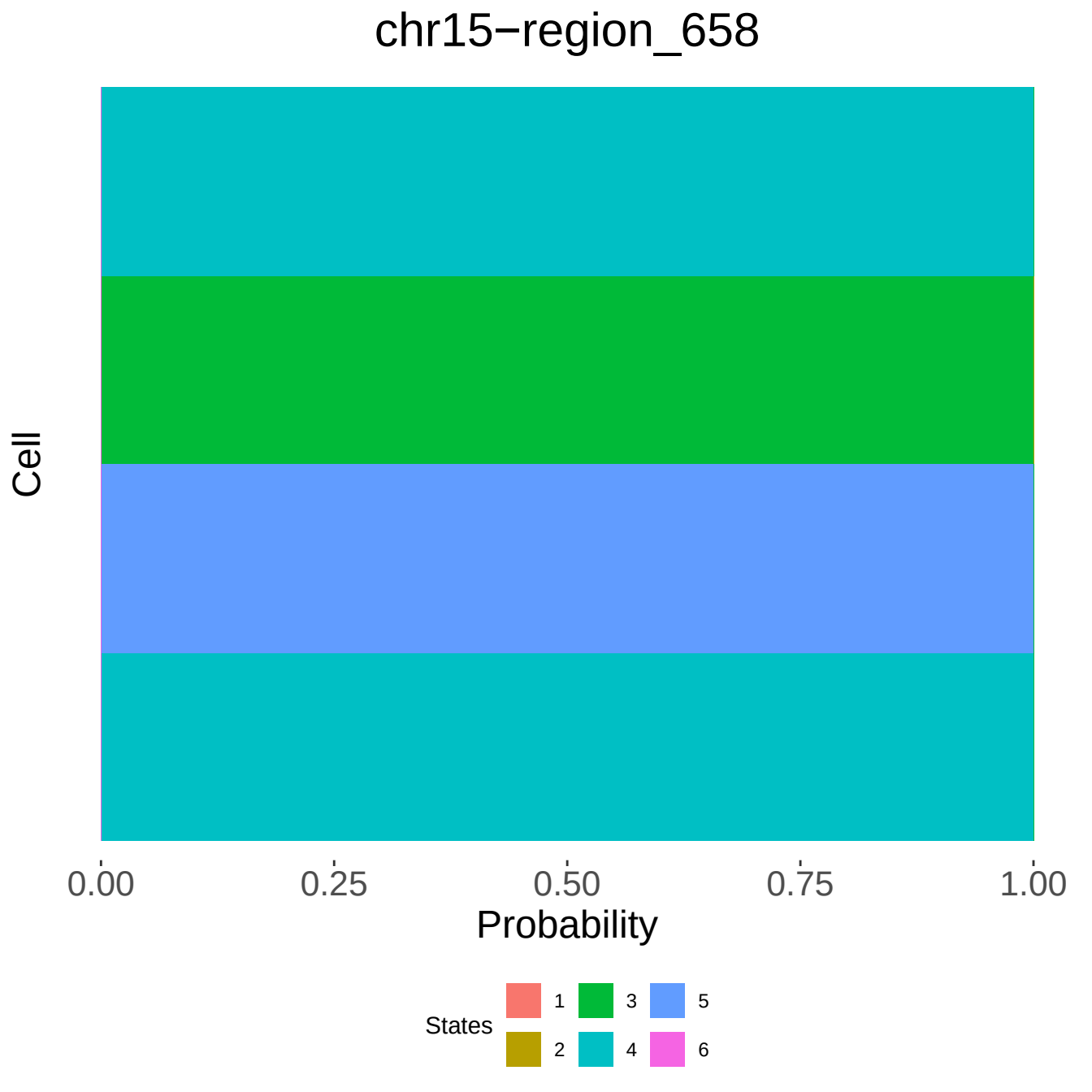
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Probability
States
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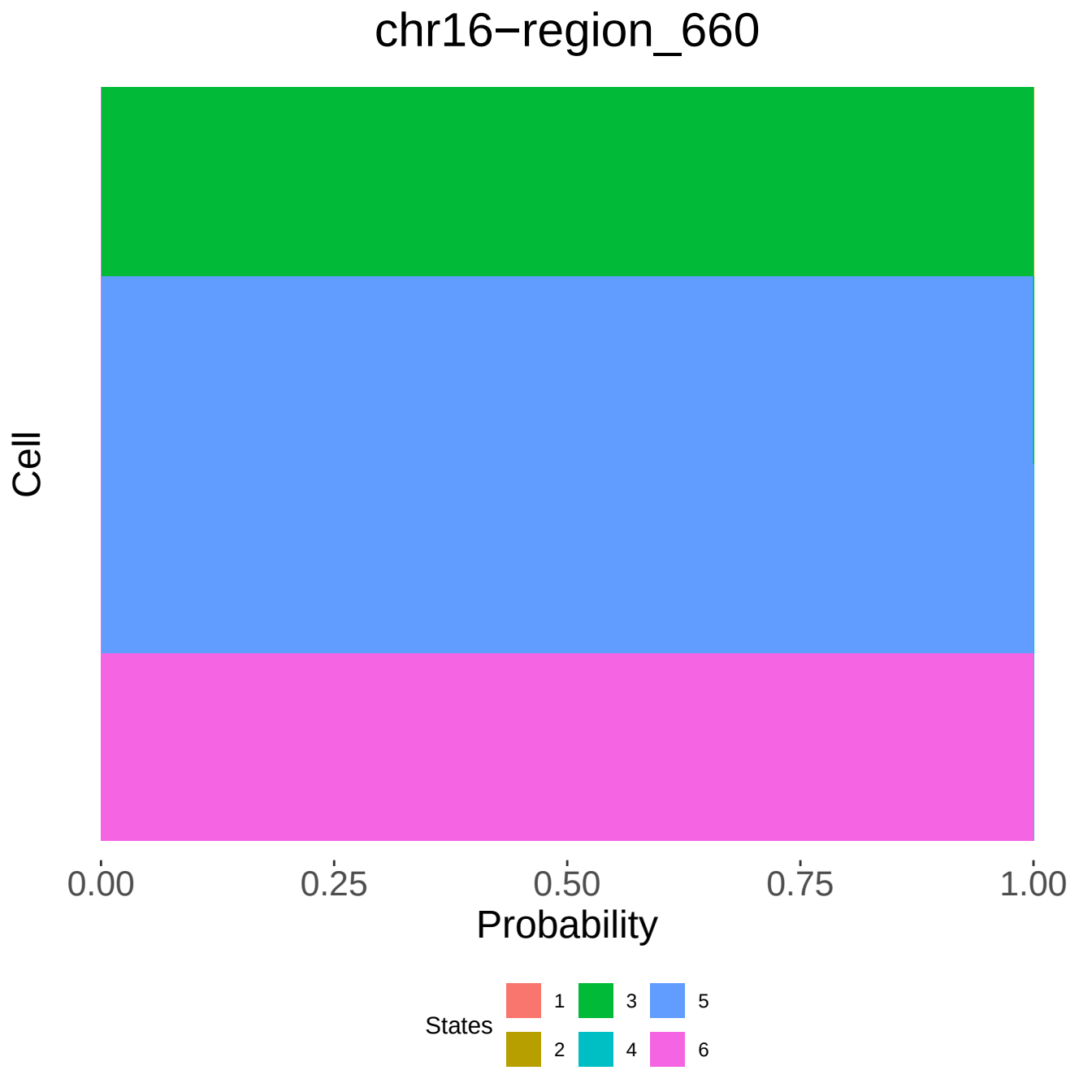
chr16−region_660
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Probability
States
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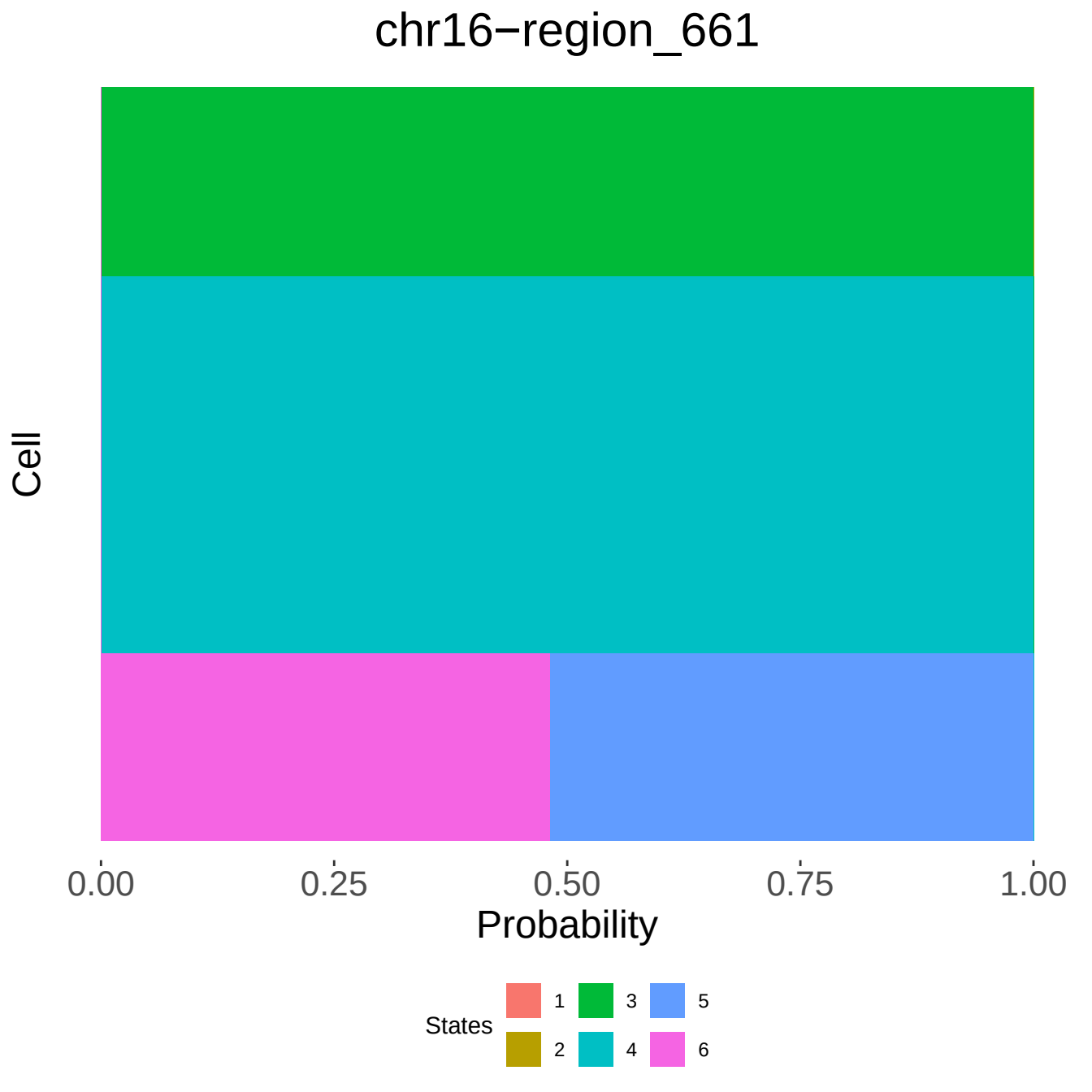
chr16−region_661
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Probability
States
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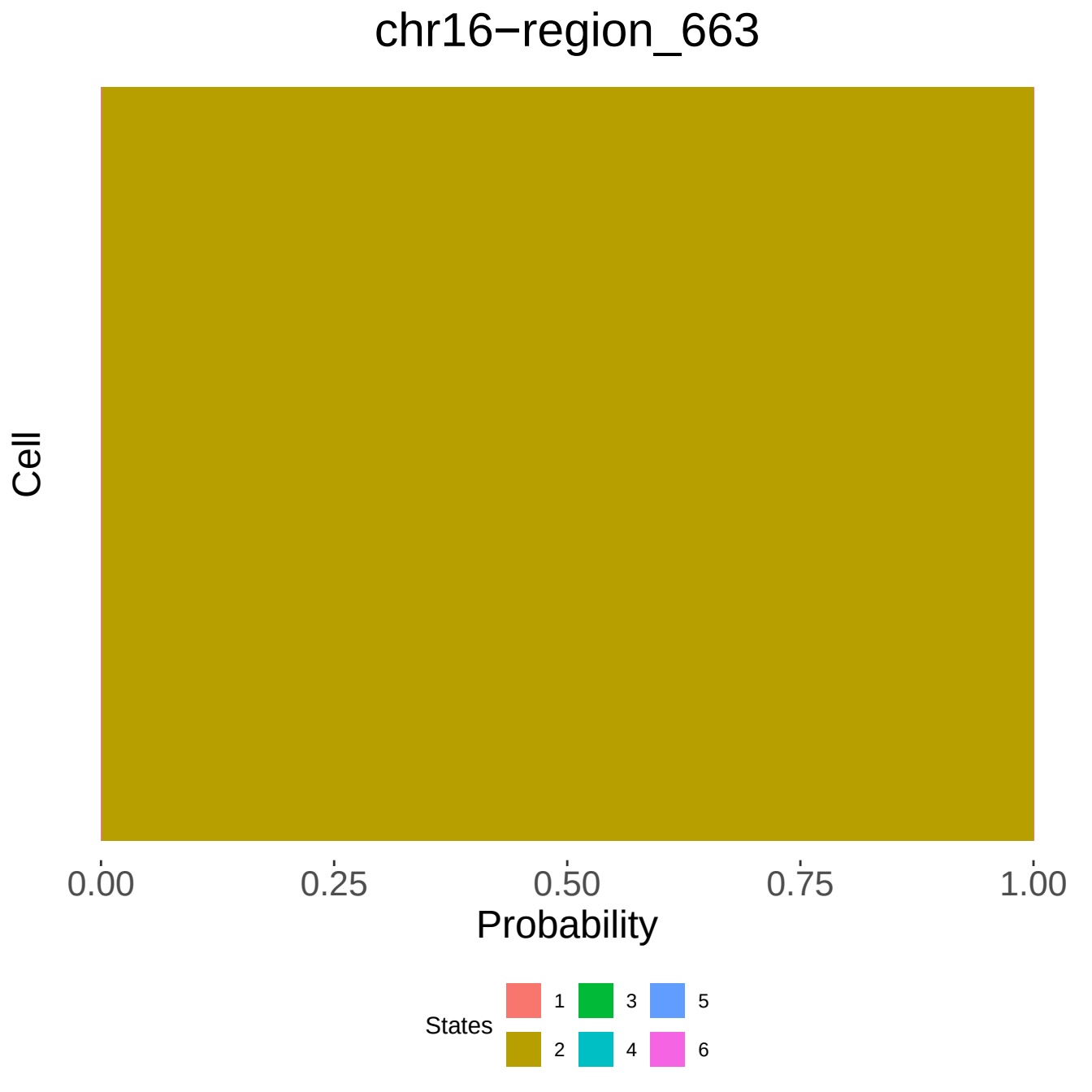
chr16−region_663
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Probability
States
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5
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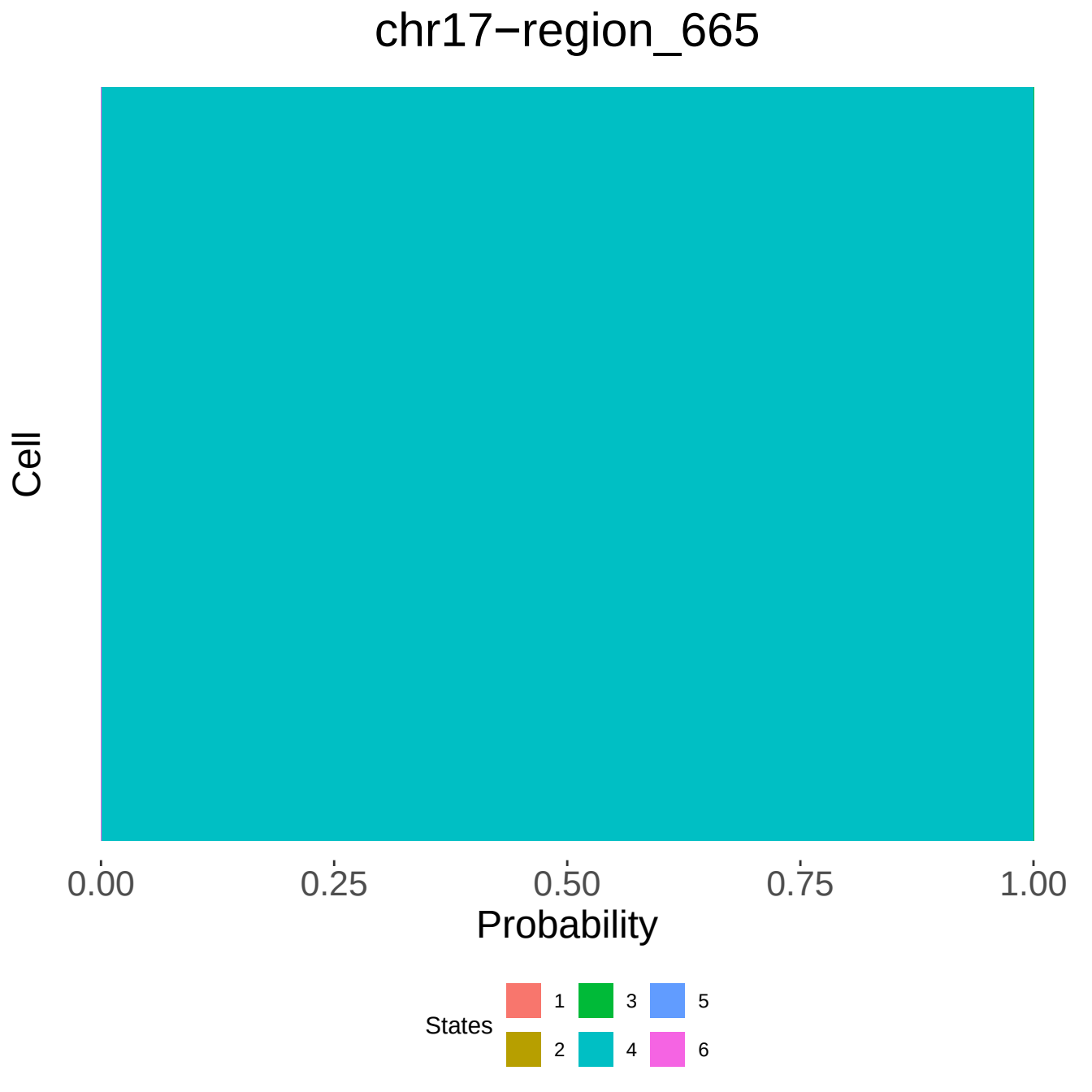
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Probability
States
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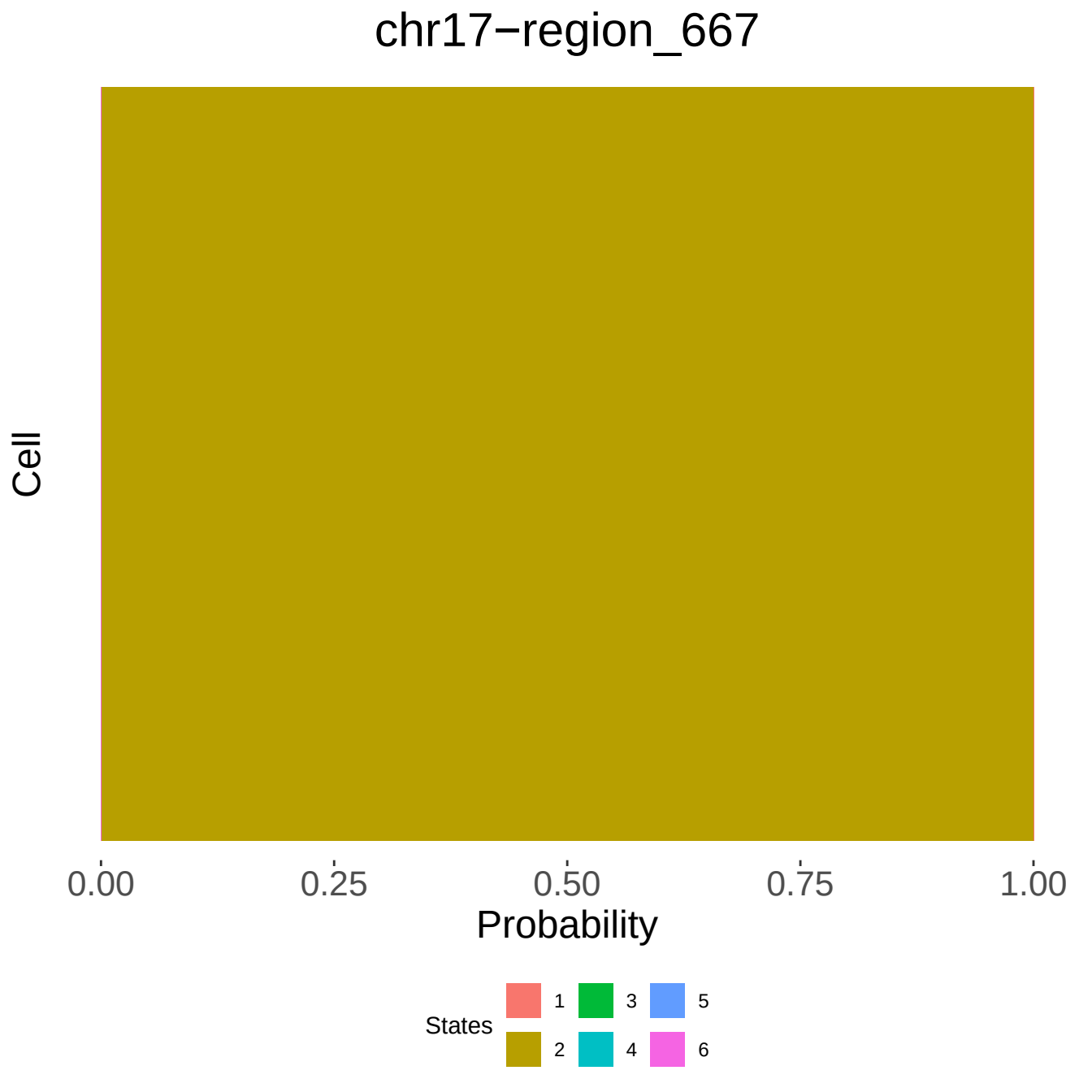
chr17−region_667
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Probability
States
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4
5
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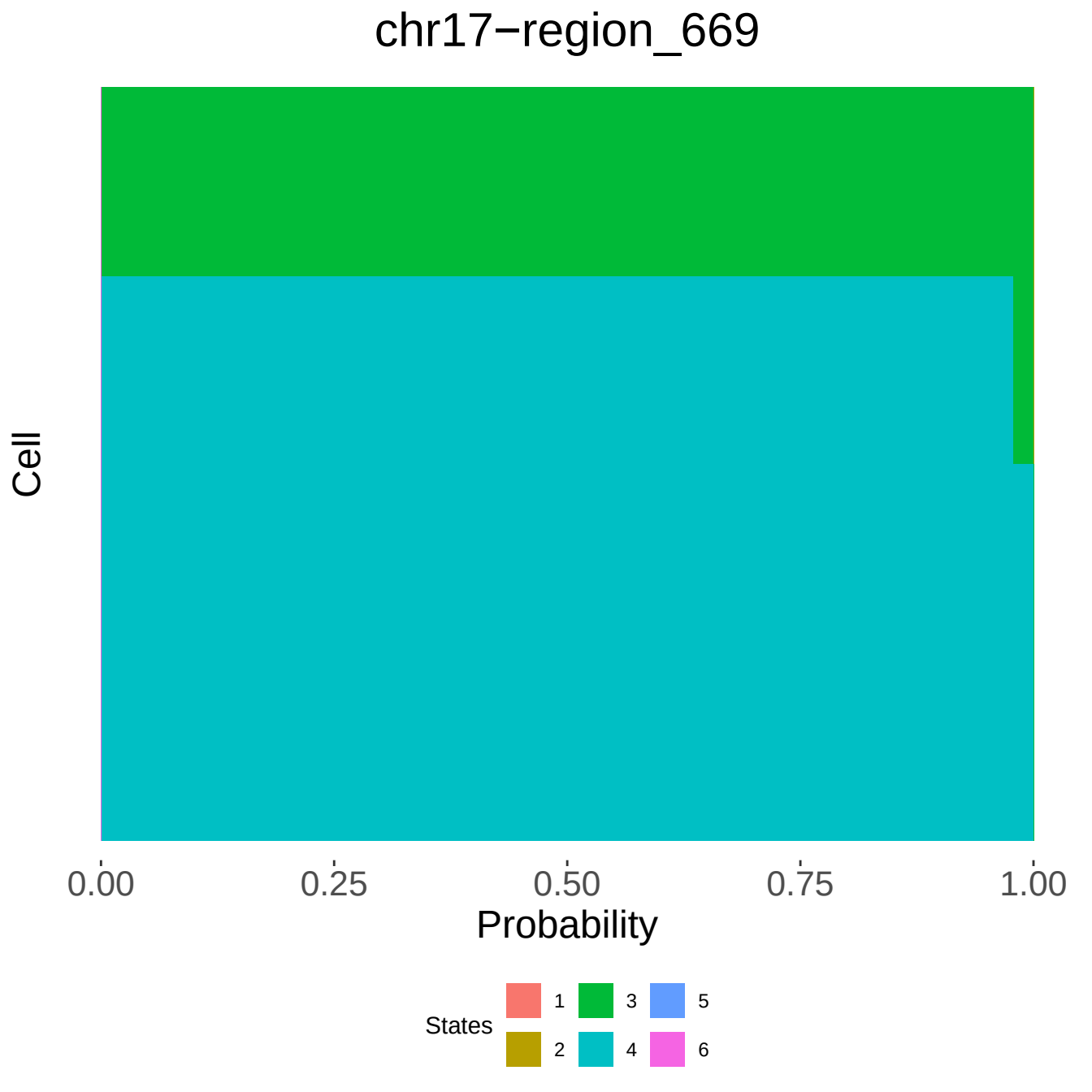
chr17−region_669
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Probability
States
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4
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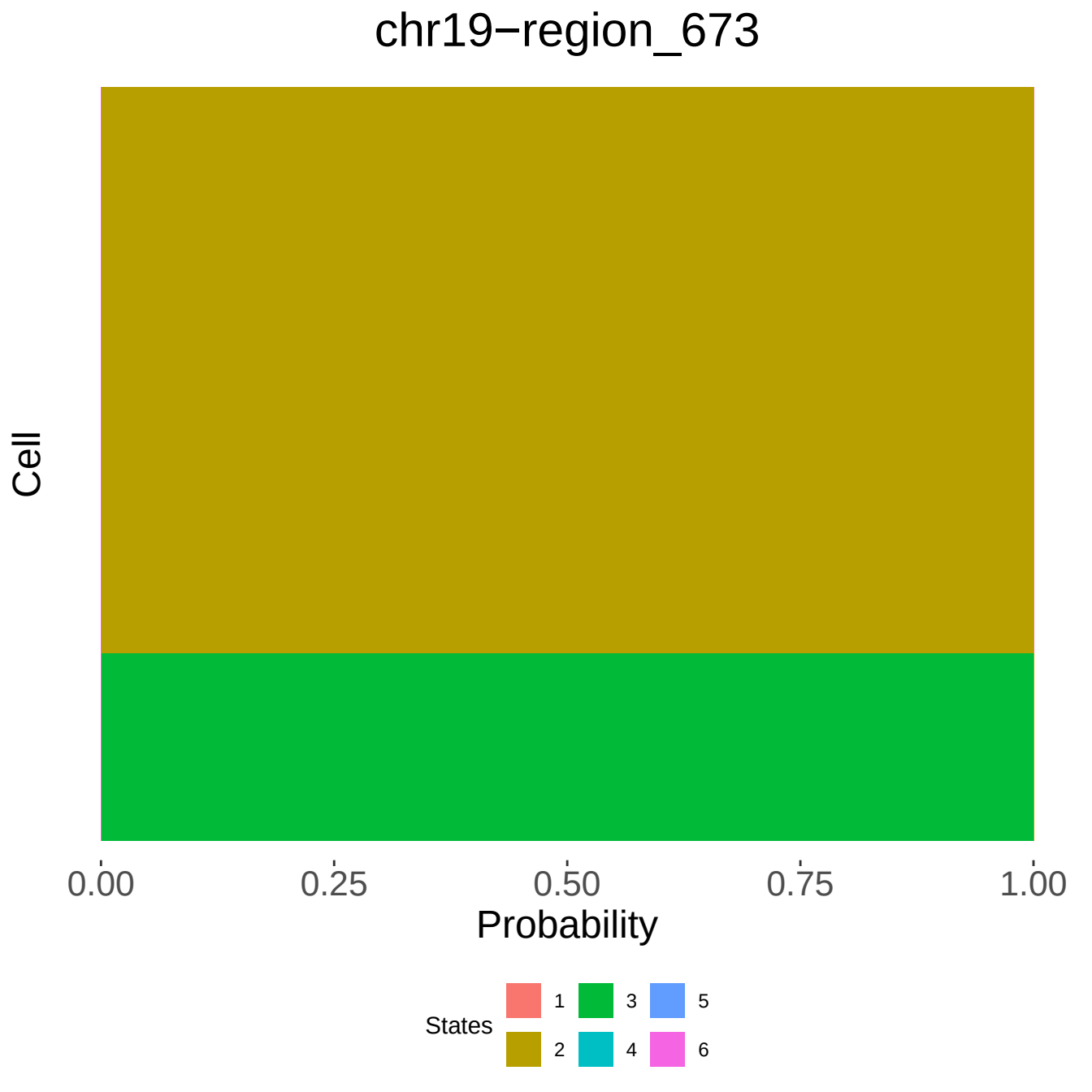
chr19−region_673
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Probability
States
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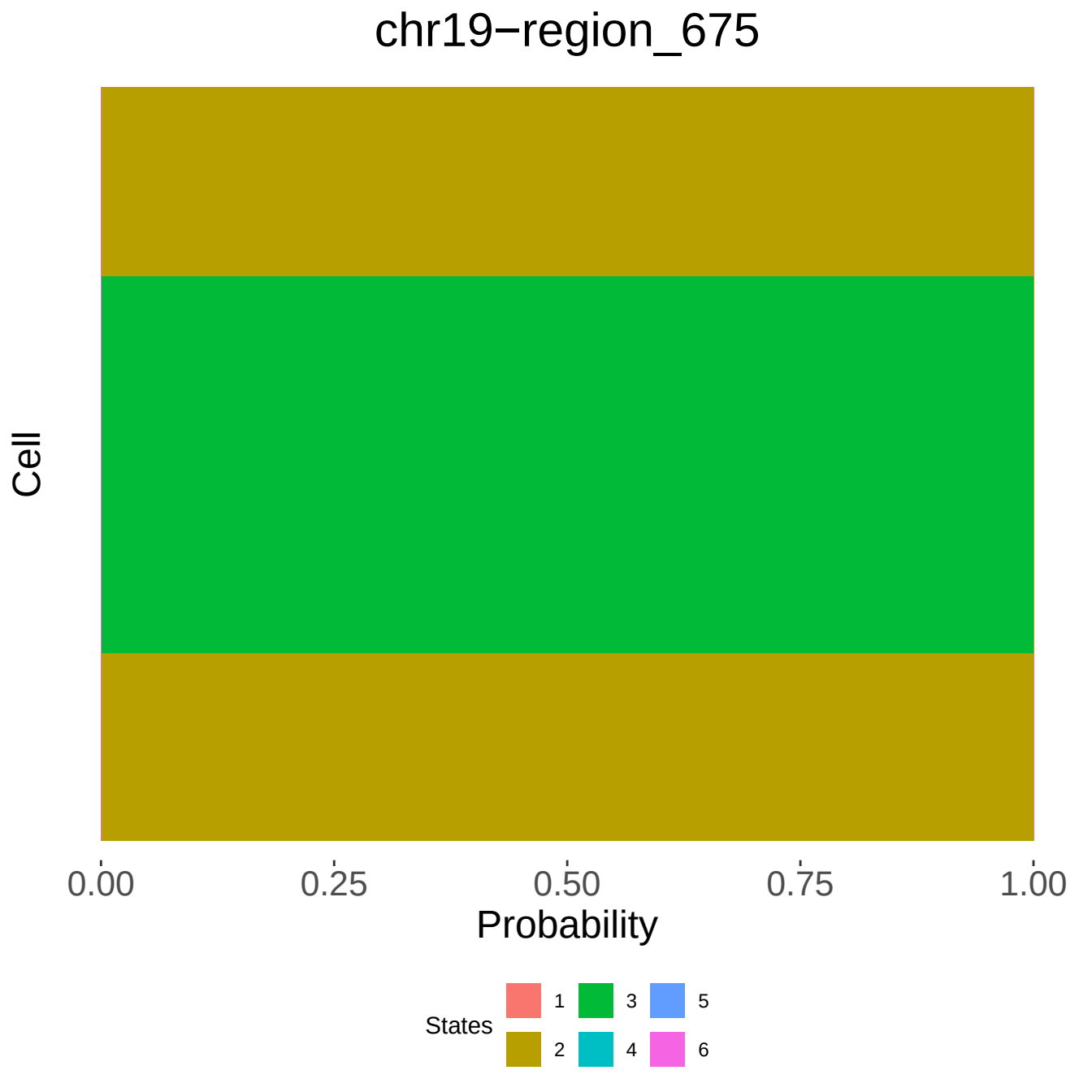
chr19−region_675
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Probability
States
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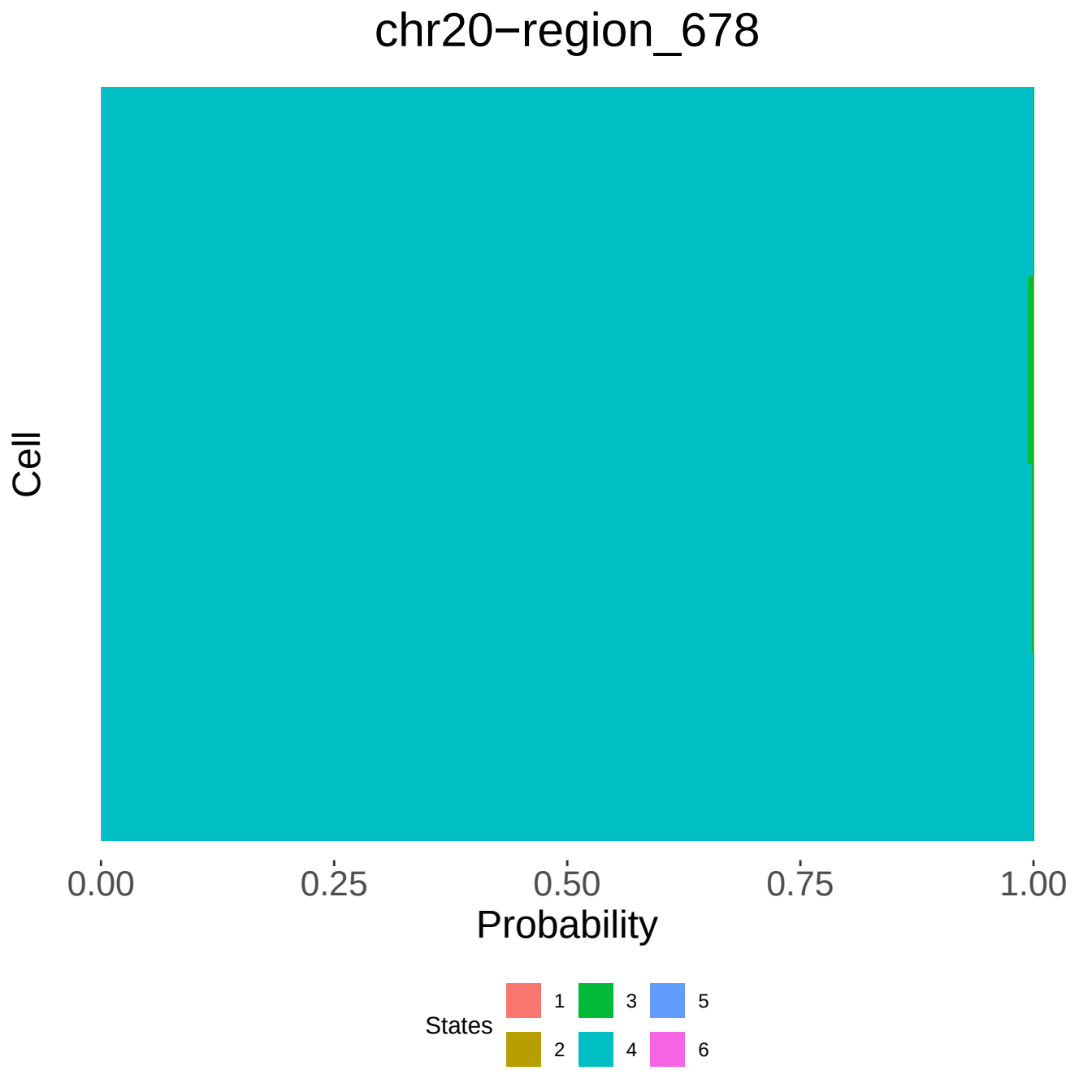
chr20−region_678
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Probability
States
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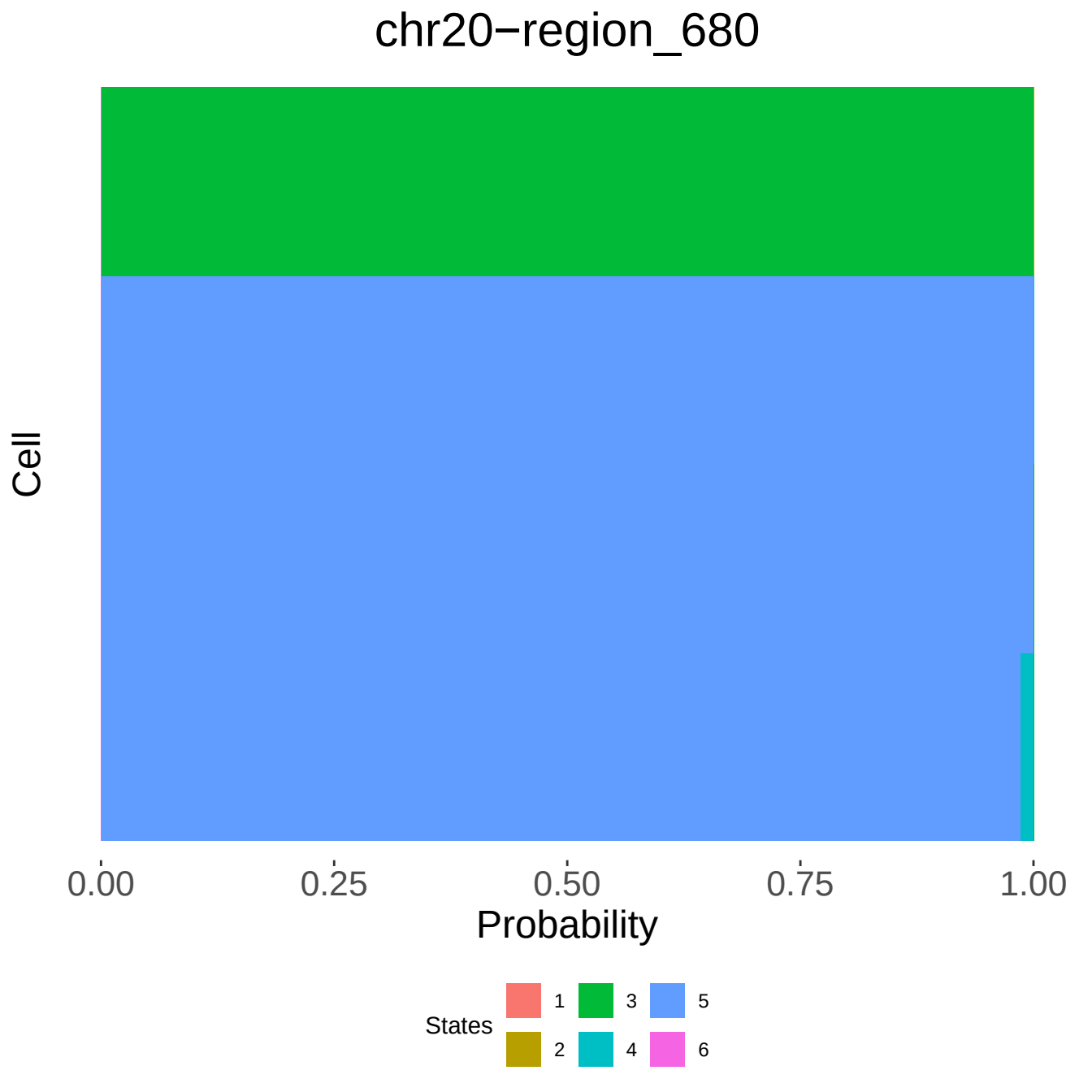
chr20−region_680
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Probability
States
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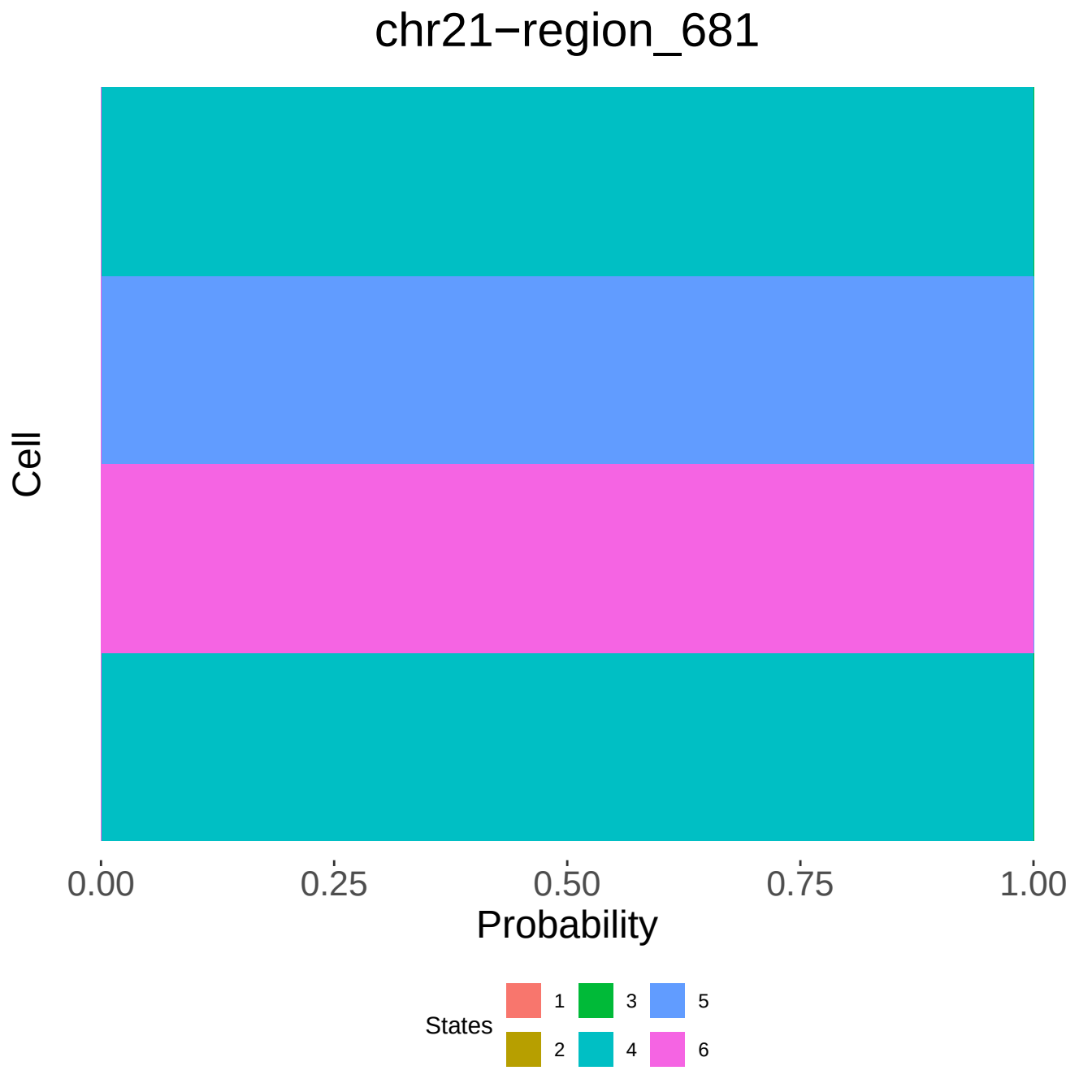
chr21−region_681
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Probability
States
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5
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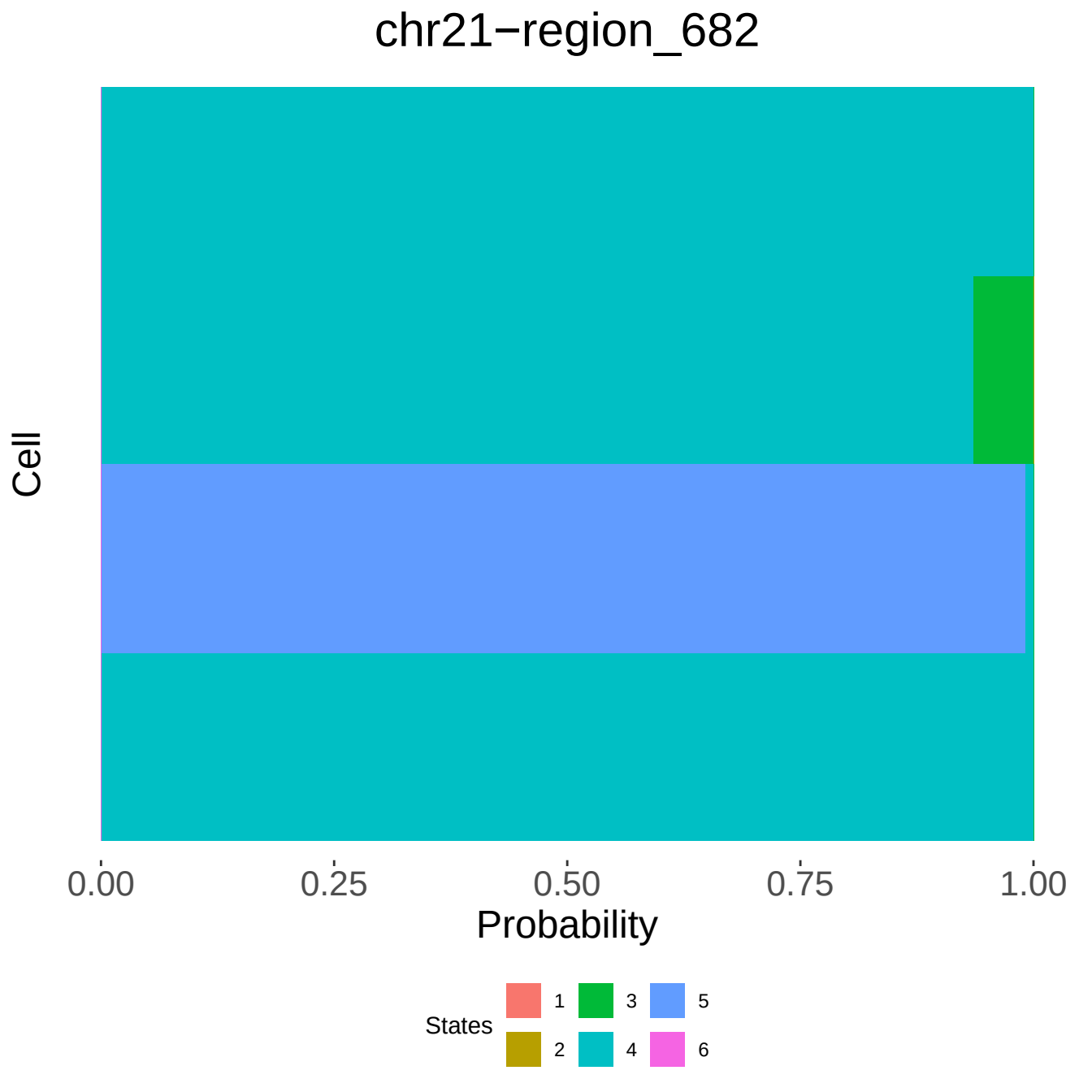
chr21−region_682
Cell
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0.25
0.50
0.75
1.00
Probability
States
1
2
3
4
5
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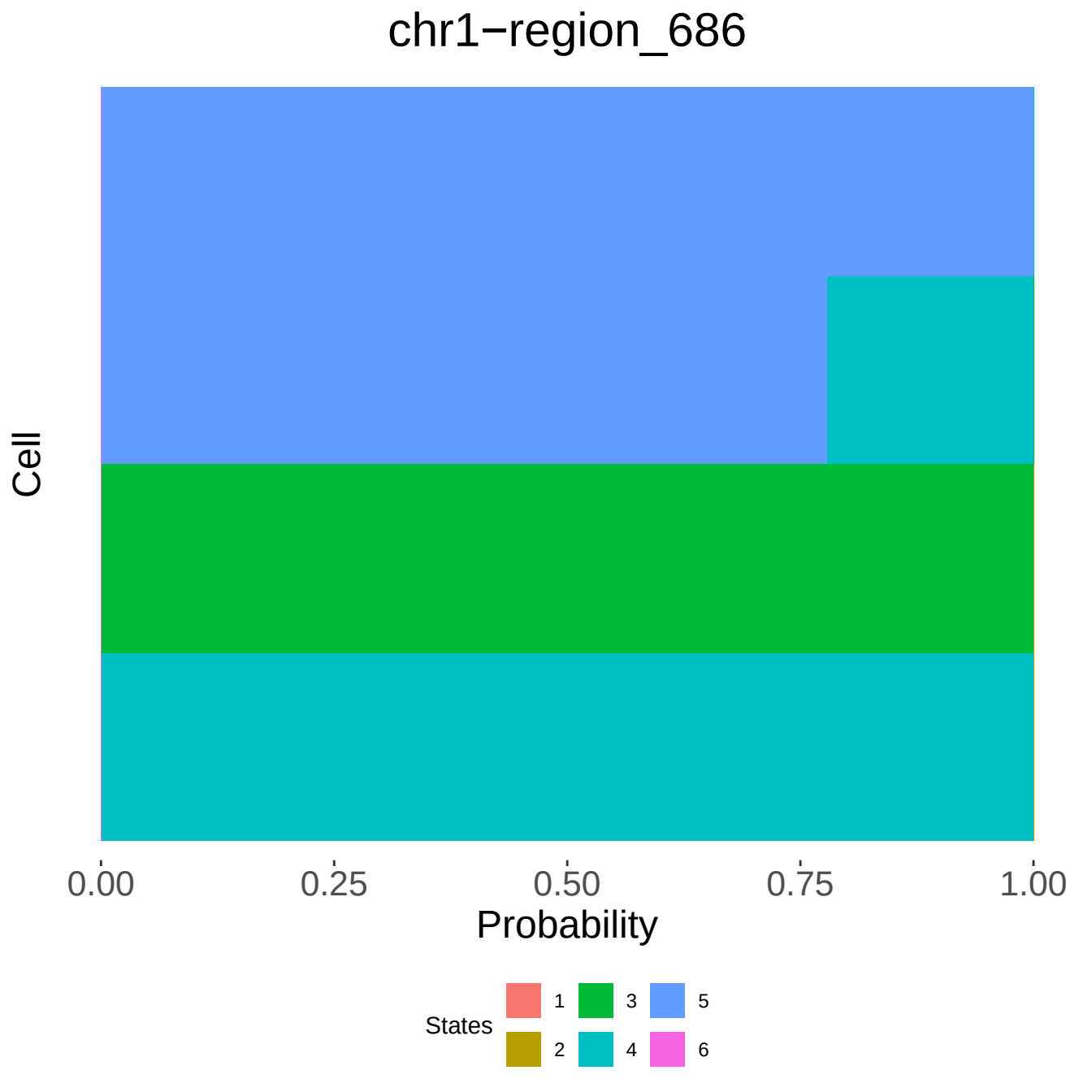
chr1−region_686
Cell
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0.25
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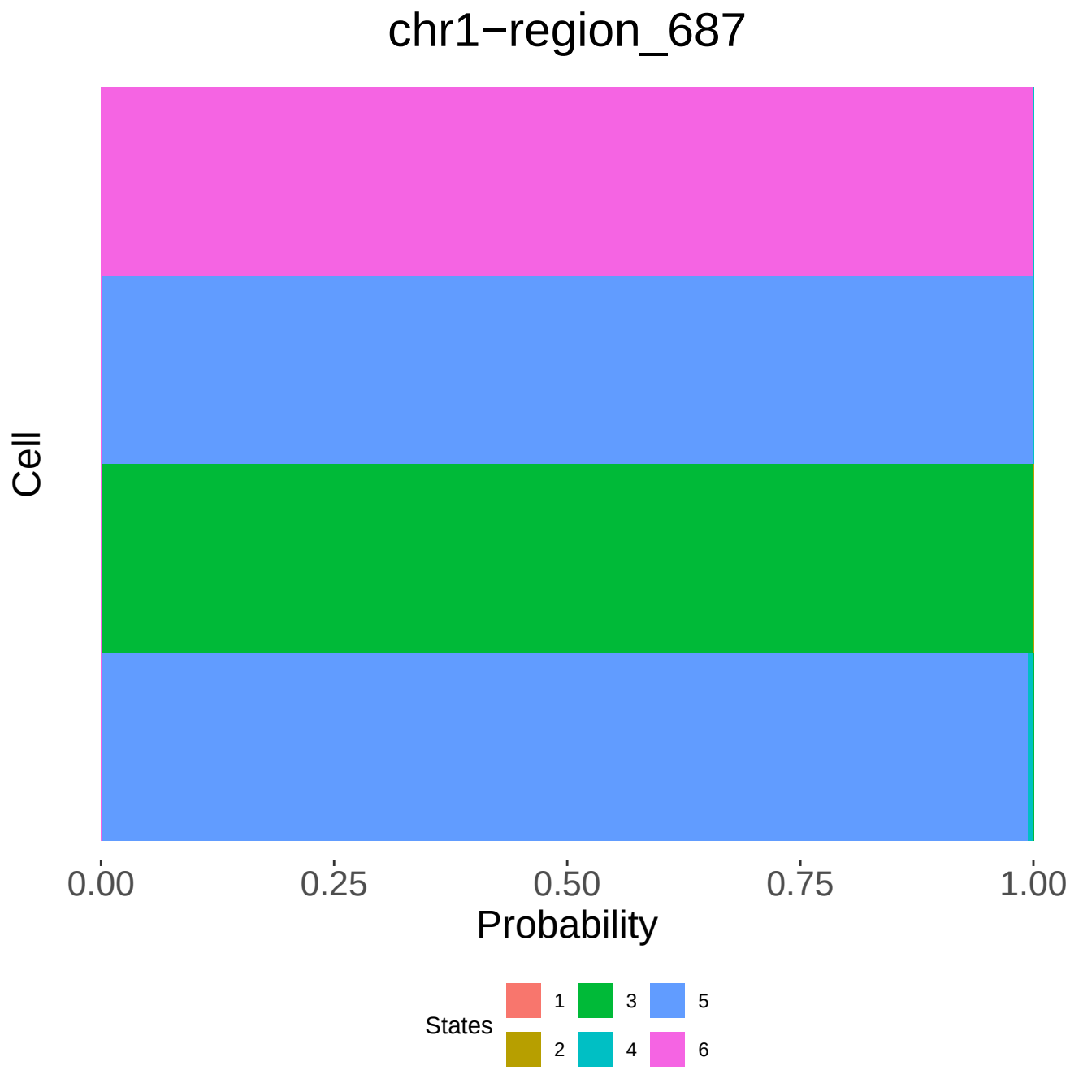
0.75
1.00
Probability
States
1
2
3
4
5
6


chr1−region_687
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0.75
1.00
Probability
States
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3
4
5
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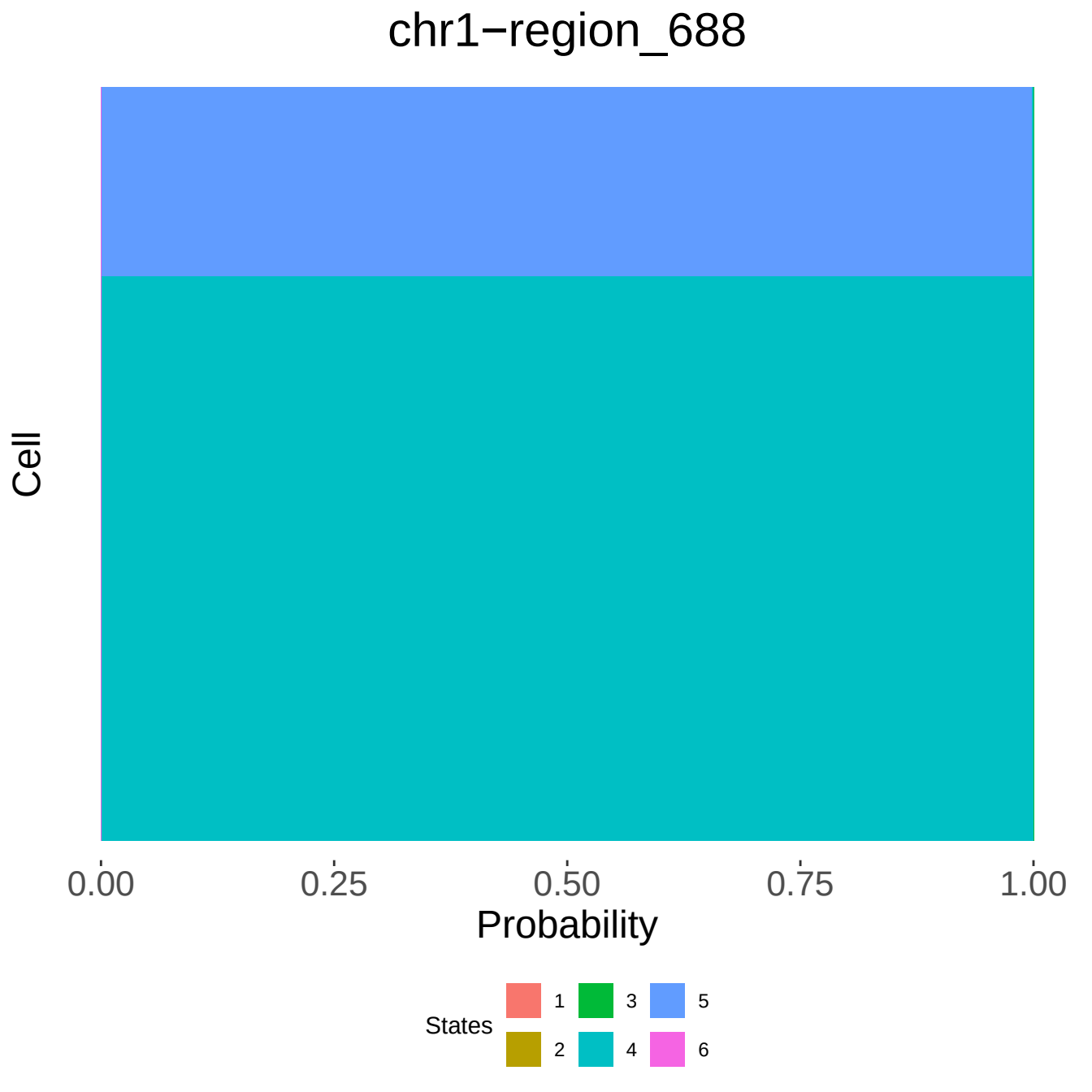
chr1−region_688
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0.75
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Probability
States
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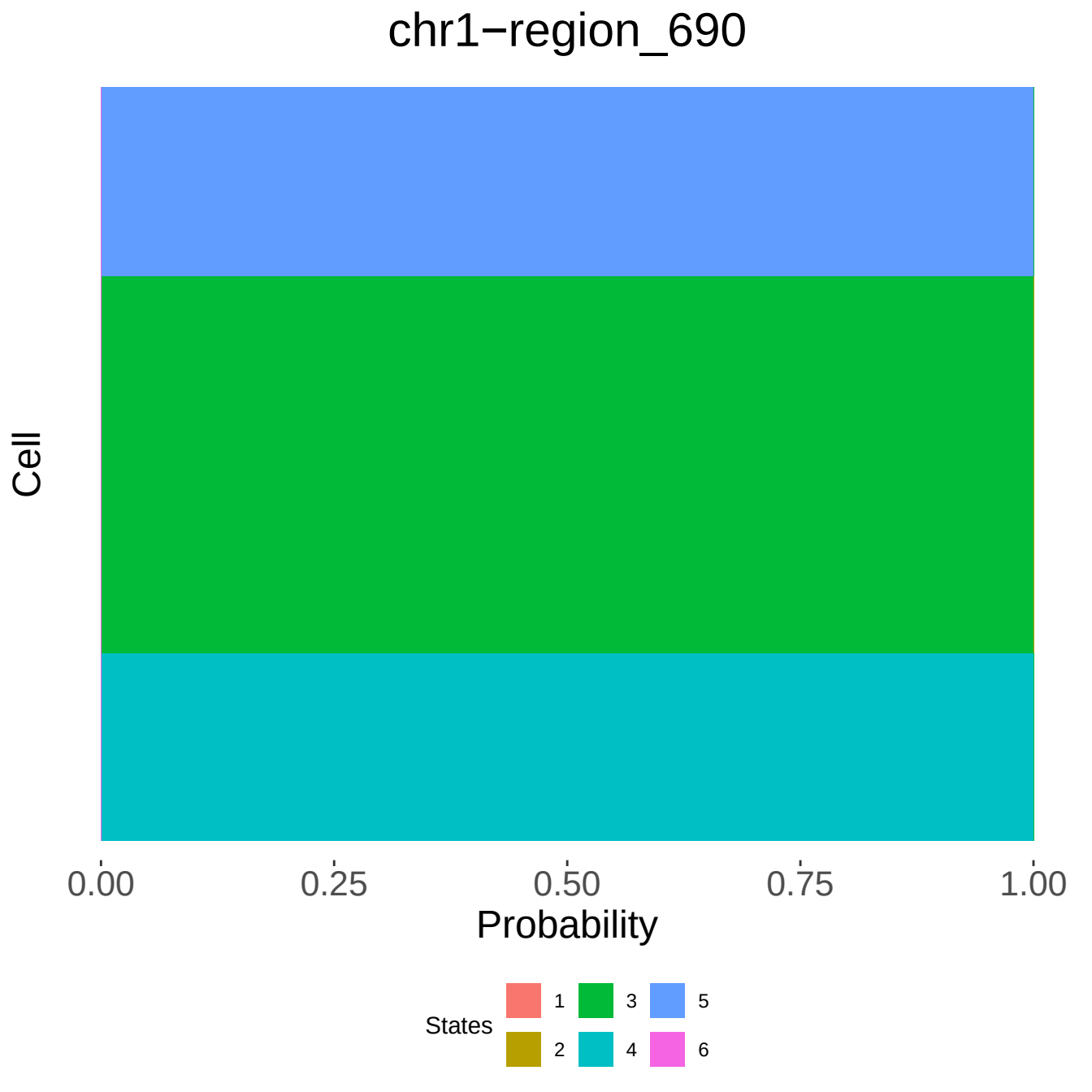
chr1−region_690
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Probability
States
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4
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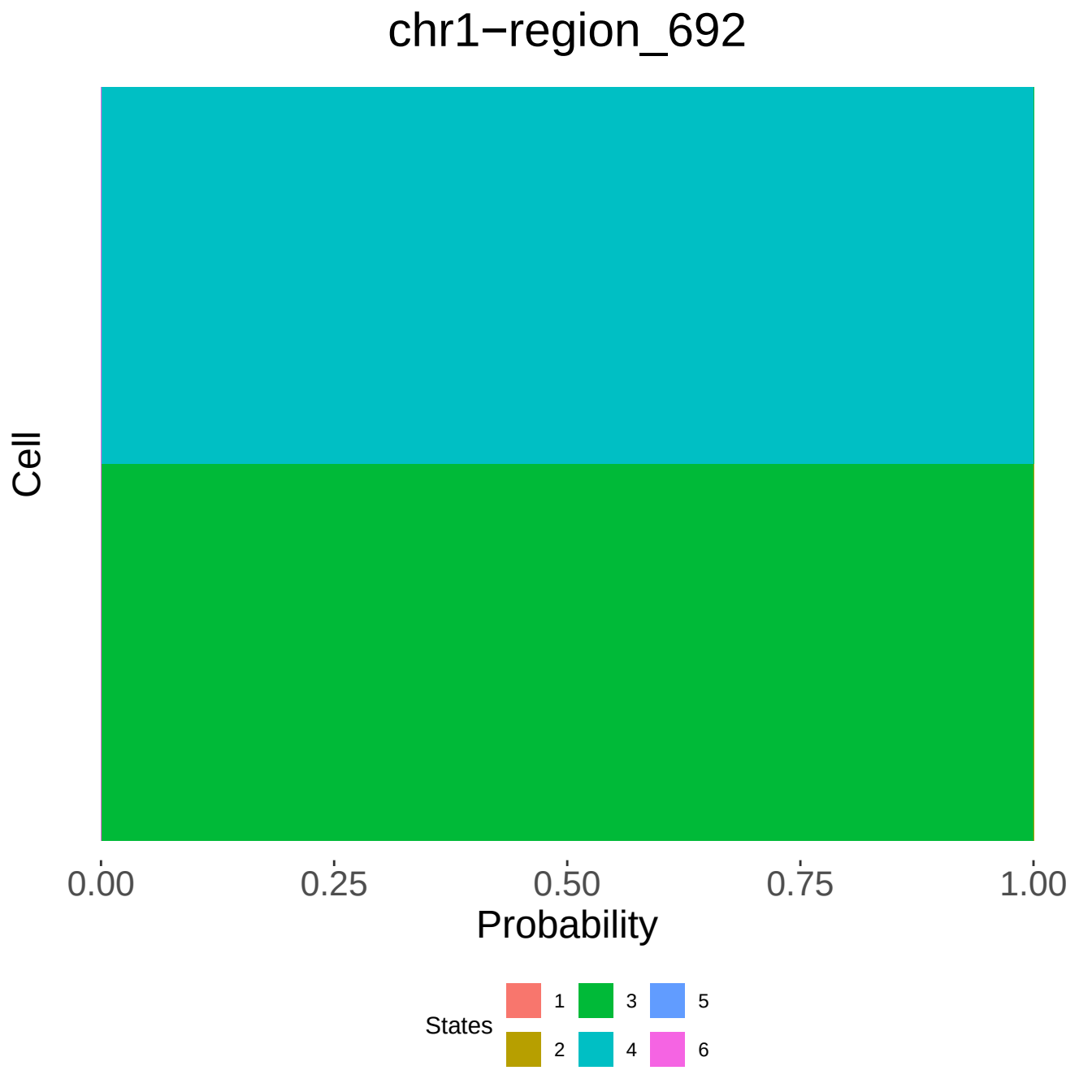
chr1−region_692
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Probability
States
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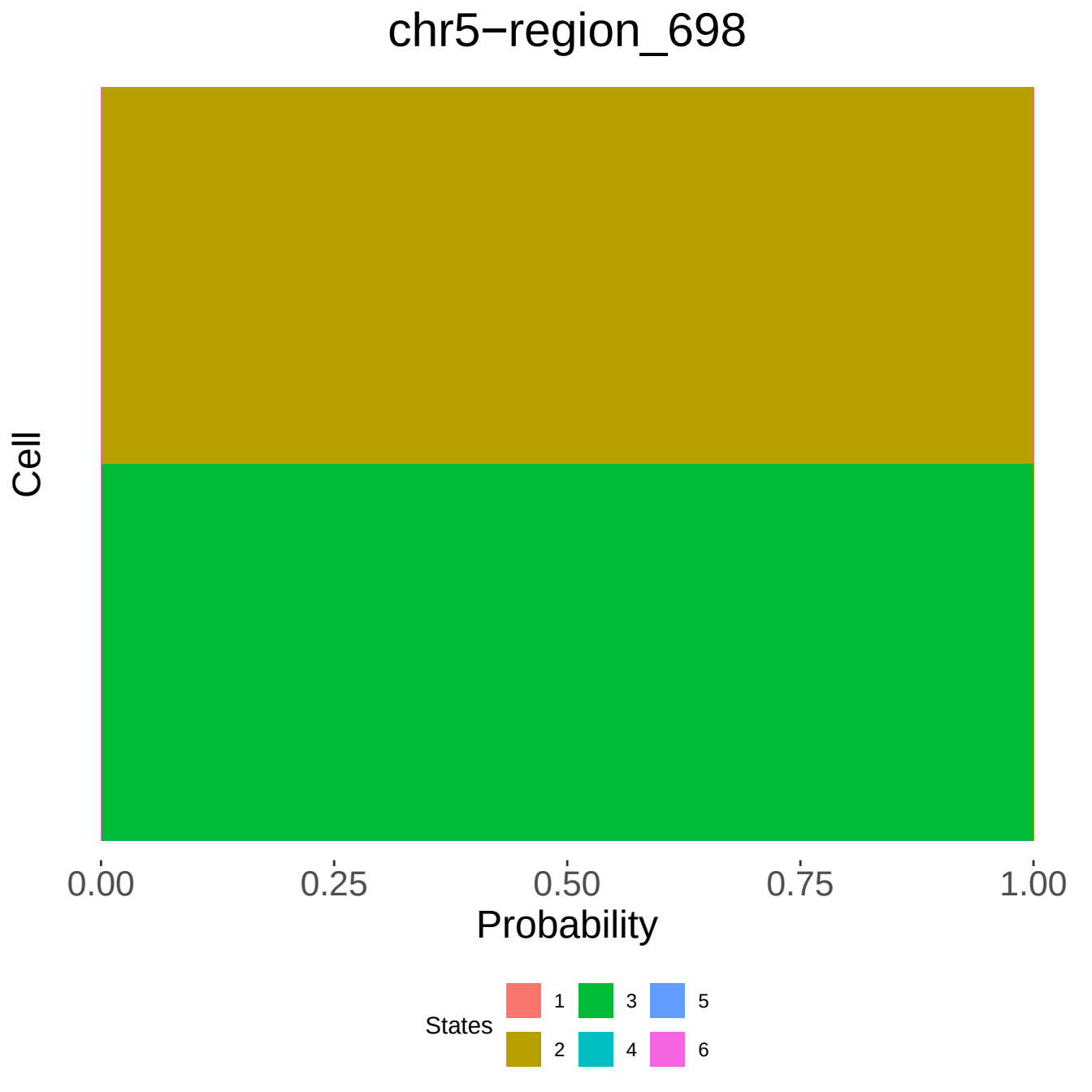
chr5−region_698
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Probability
States
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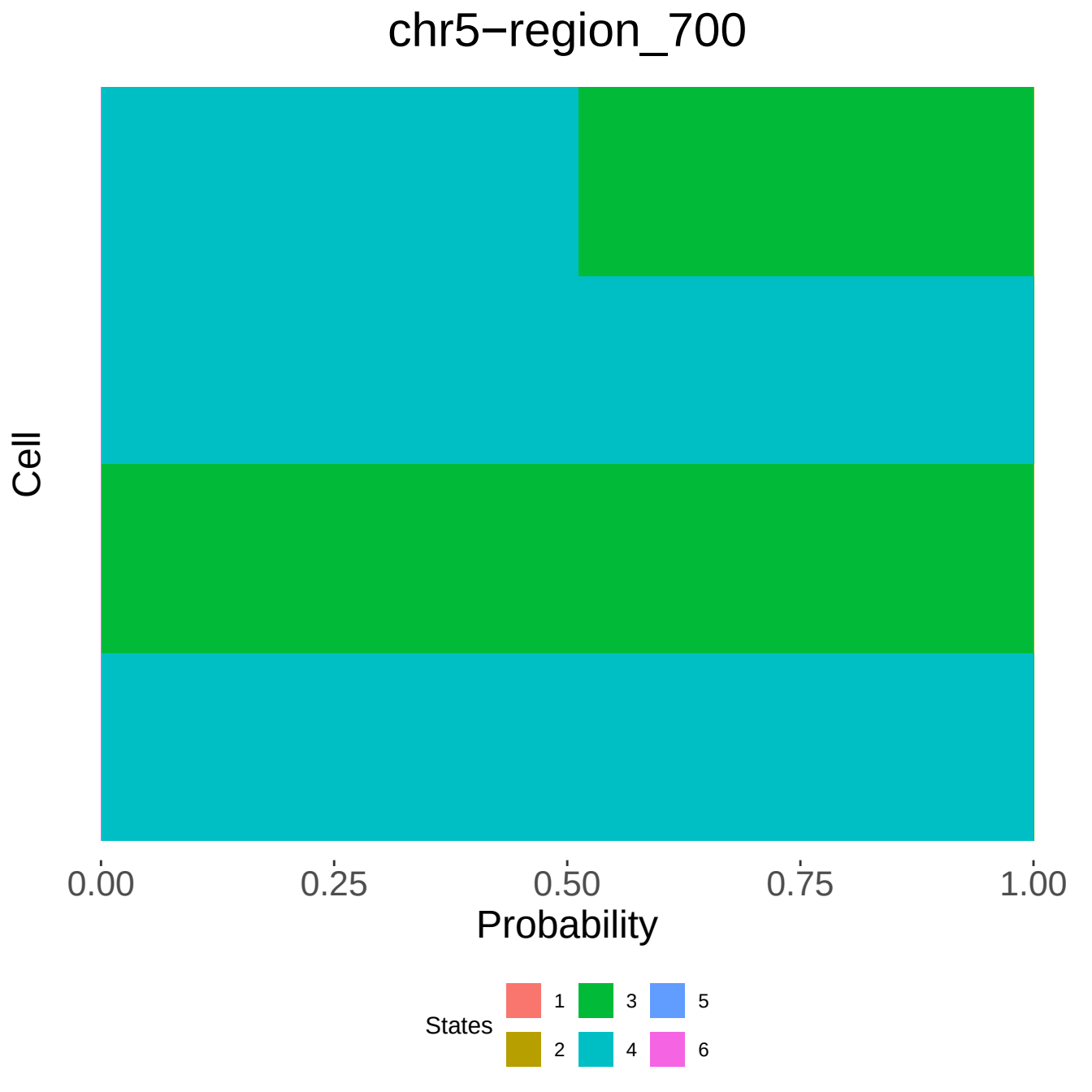
chr5−region_700
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Probability
States
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3
4
5
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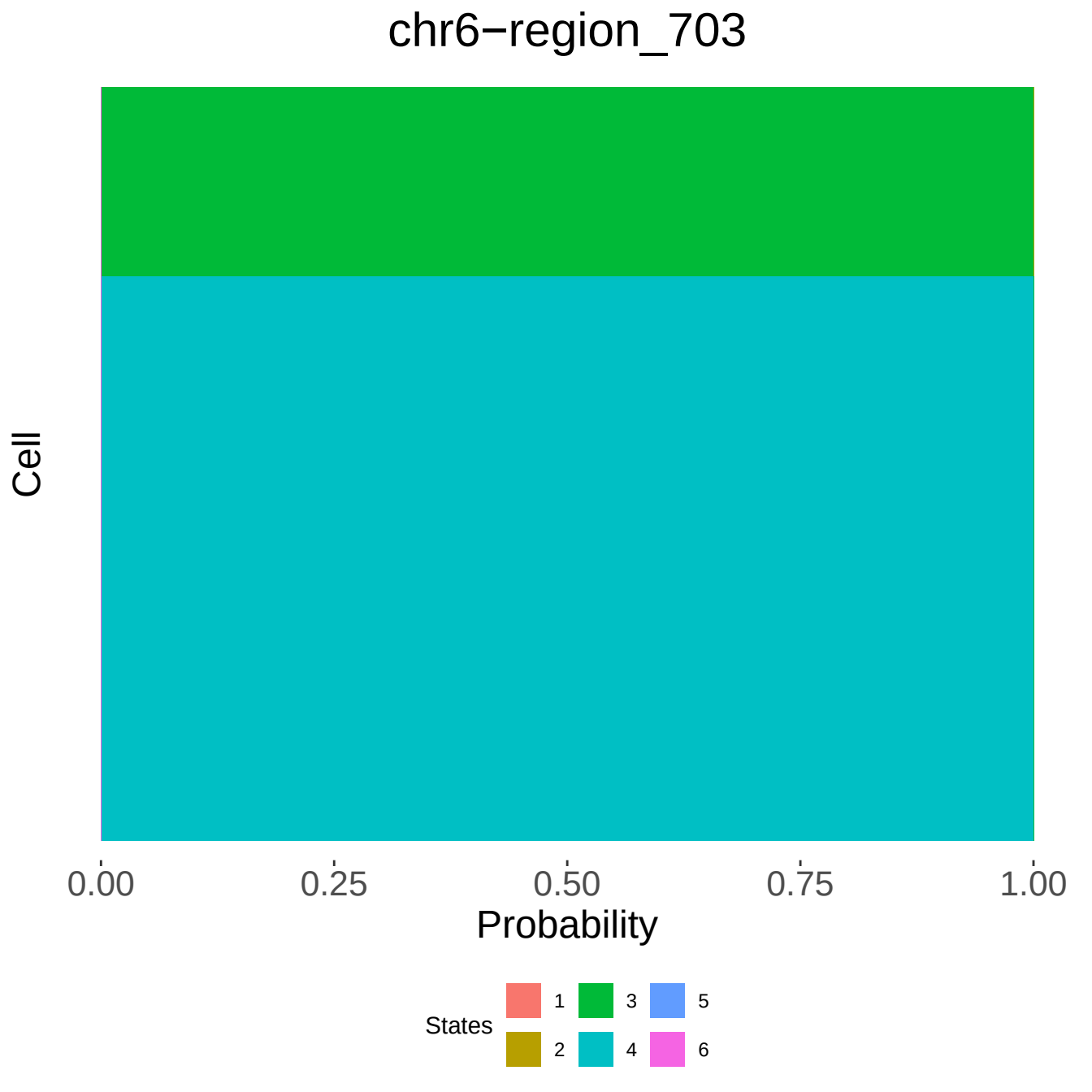
chr6−region_703
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0.75
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Probability
States
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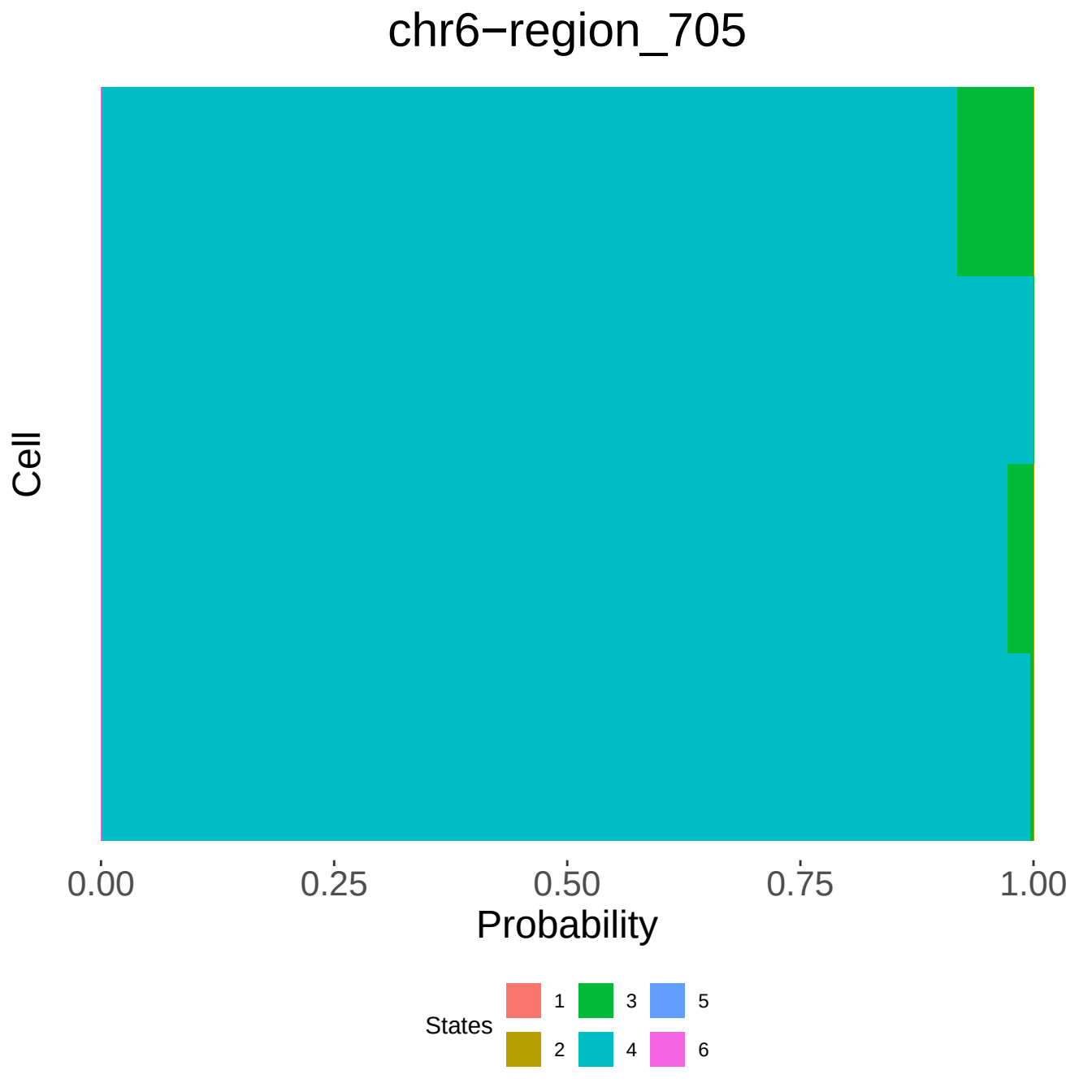
3
5
2
4
6


chr6−region_705
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Probability
States
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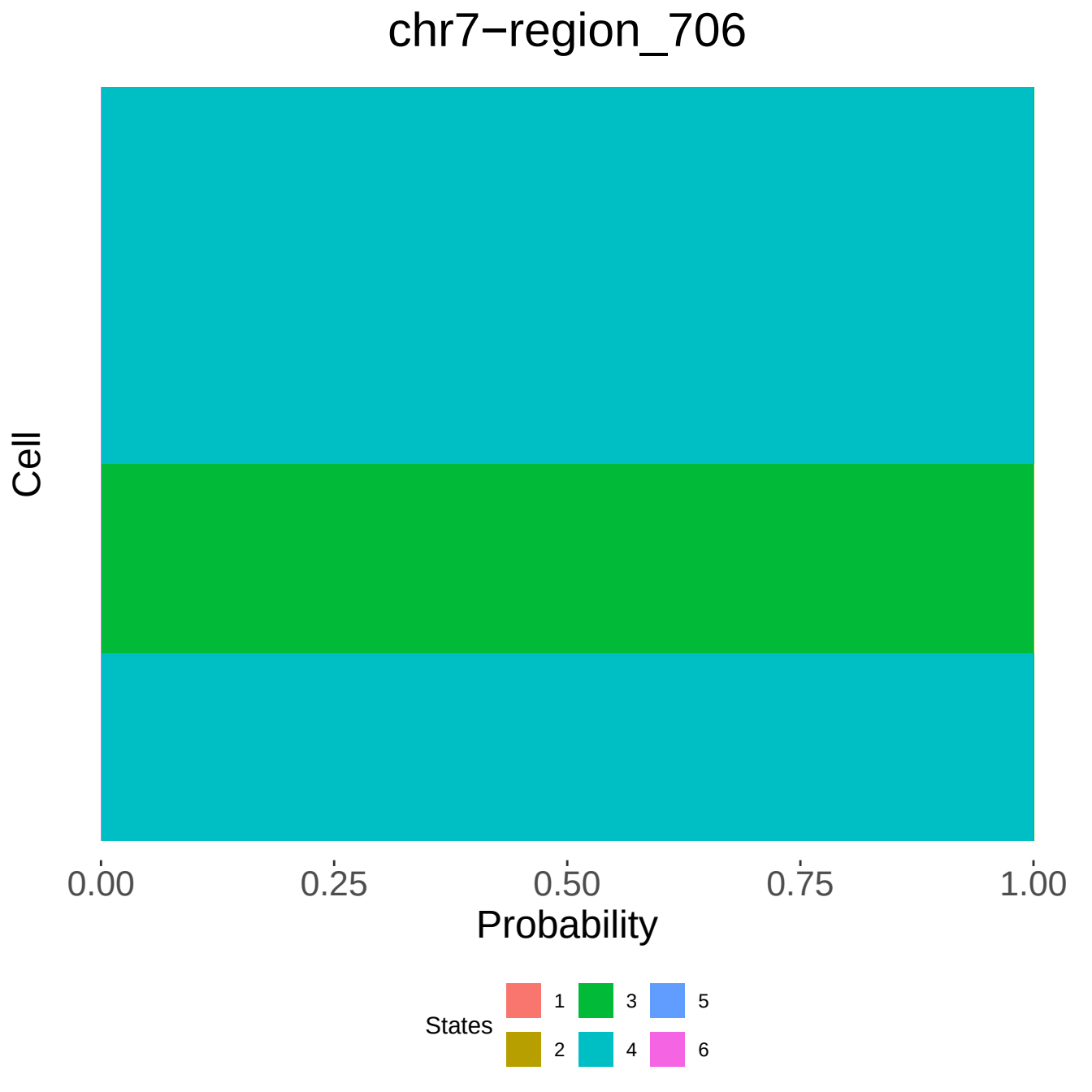
3
4
5
6


chr7−region_706
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1.00
Probability
States
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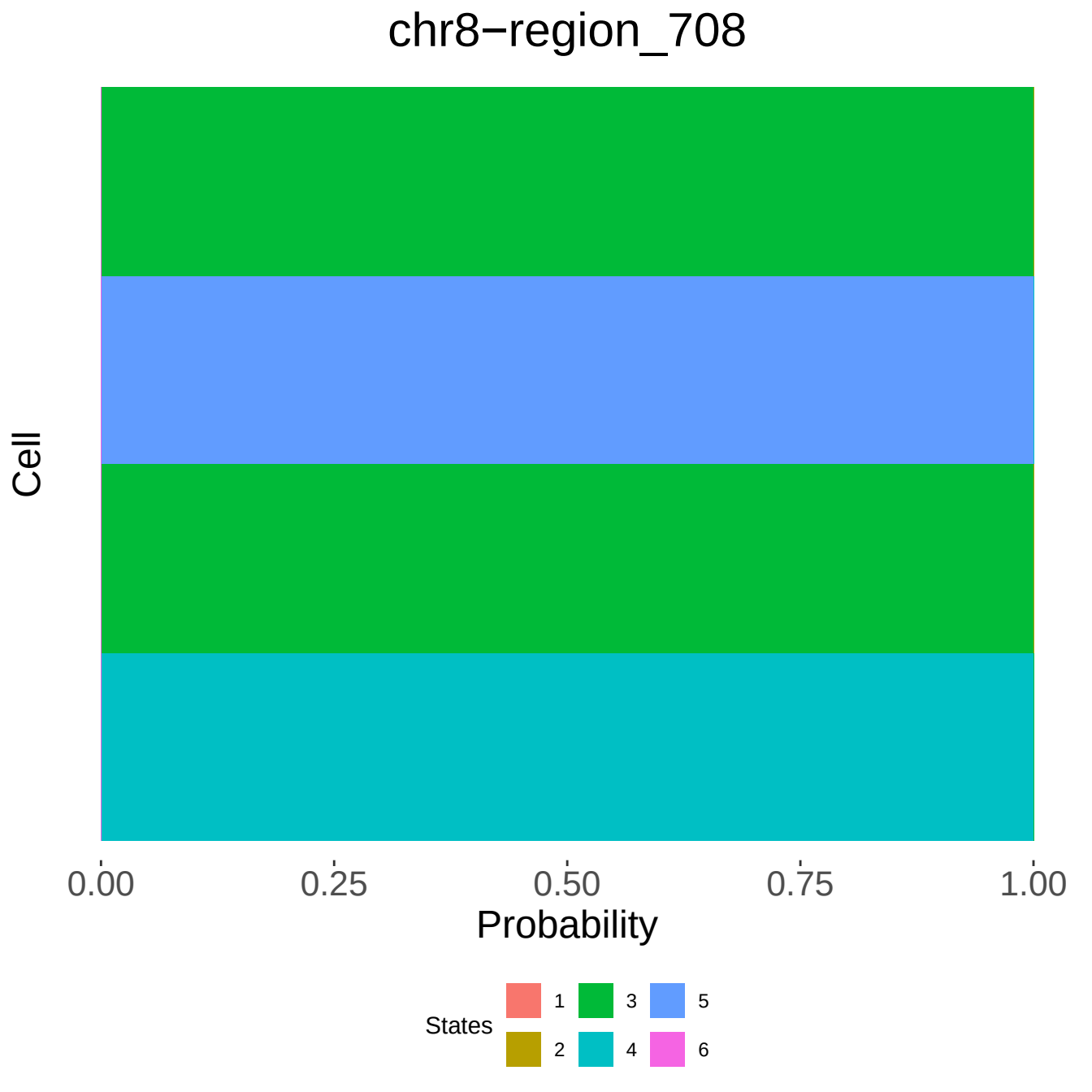
3
4
5
6


chr8−region_708
Cell
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1.00
Probability
States
1
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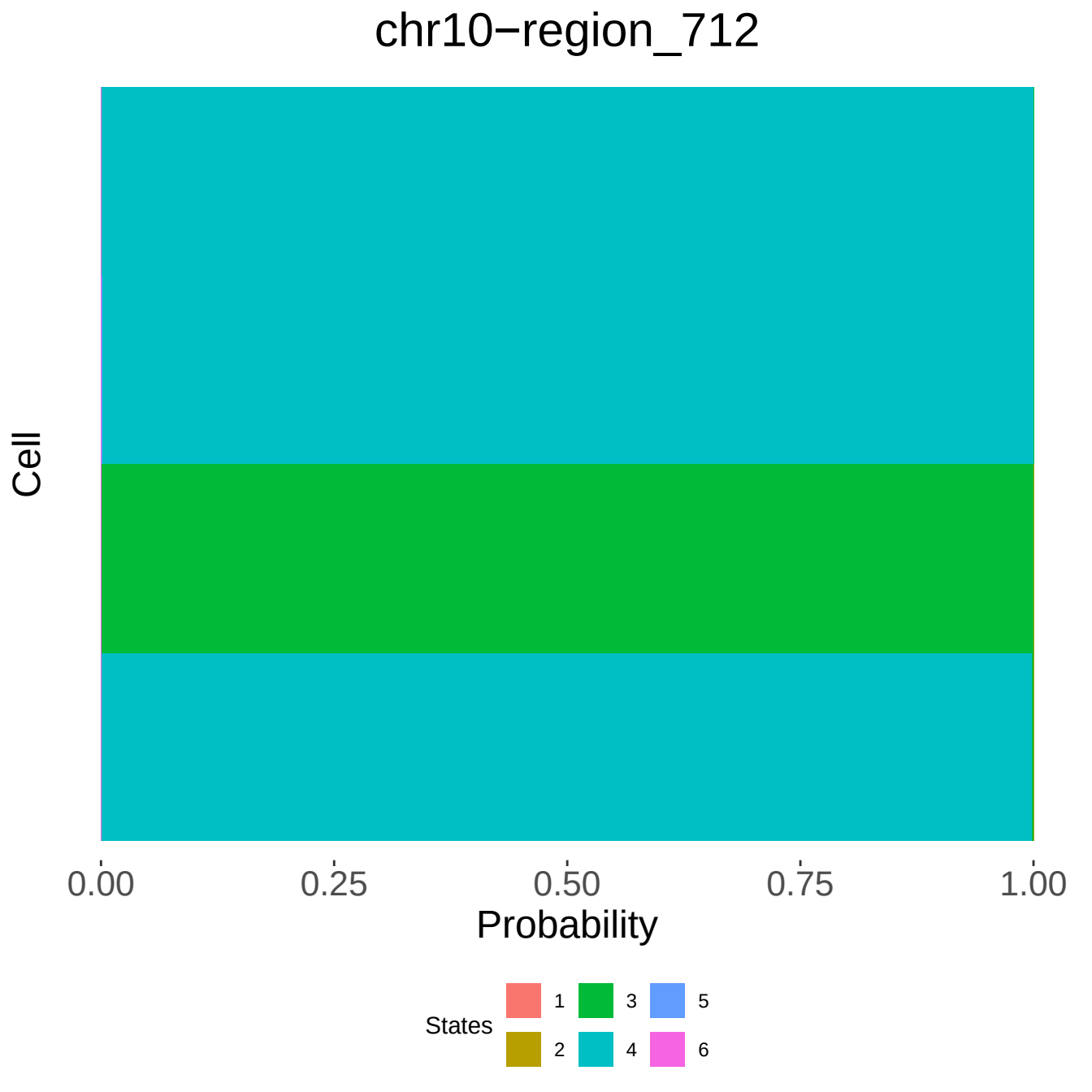
5
2
4
6


chr10−region_712
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Probability
States
1
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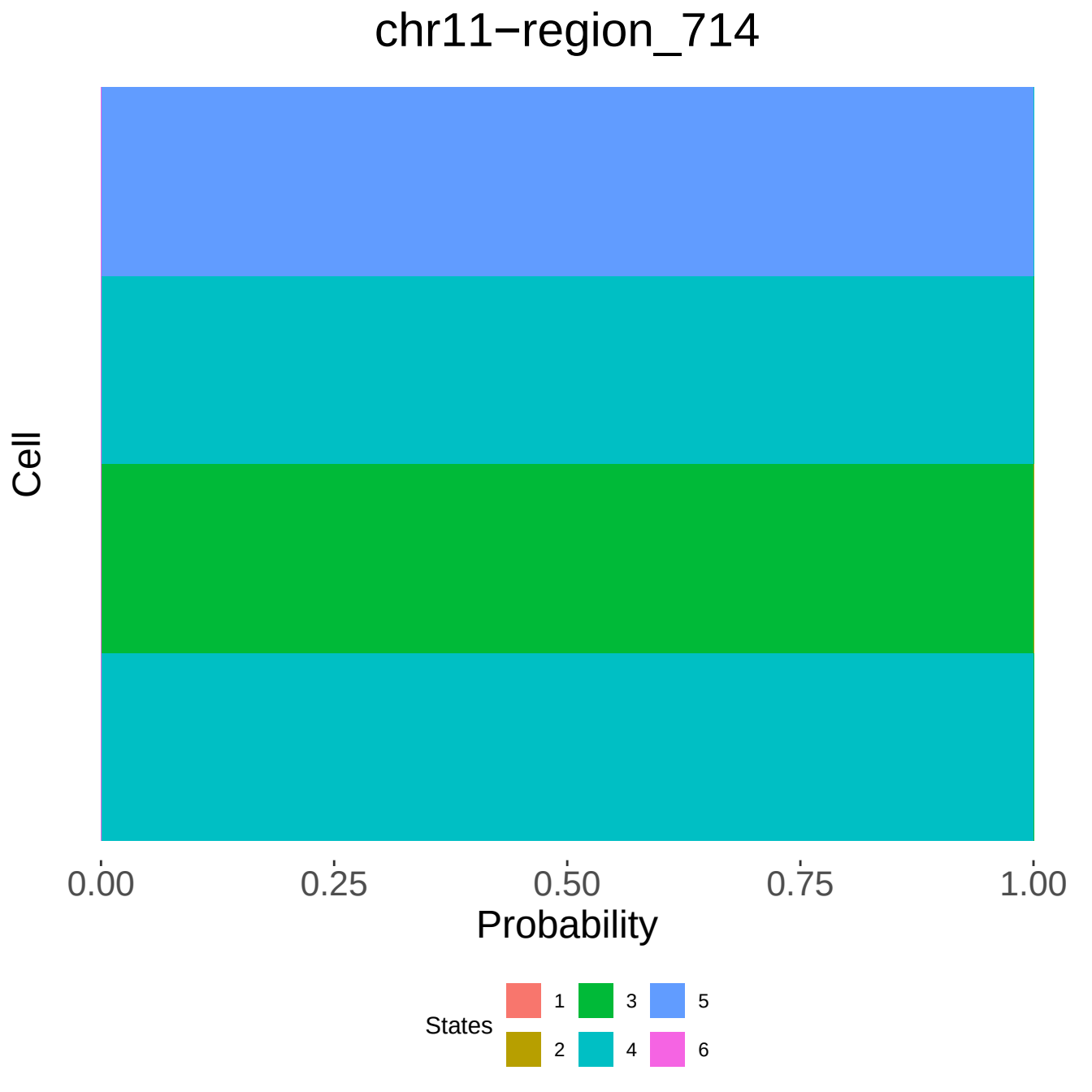
2
4
6


chr11−region_714
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Probability
States
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4
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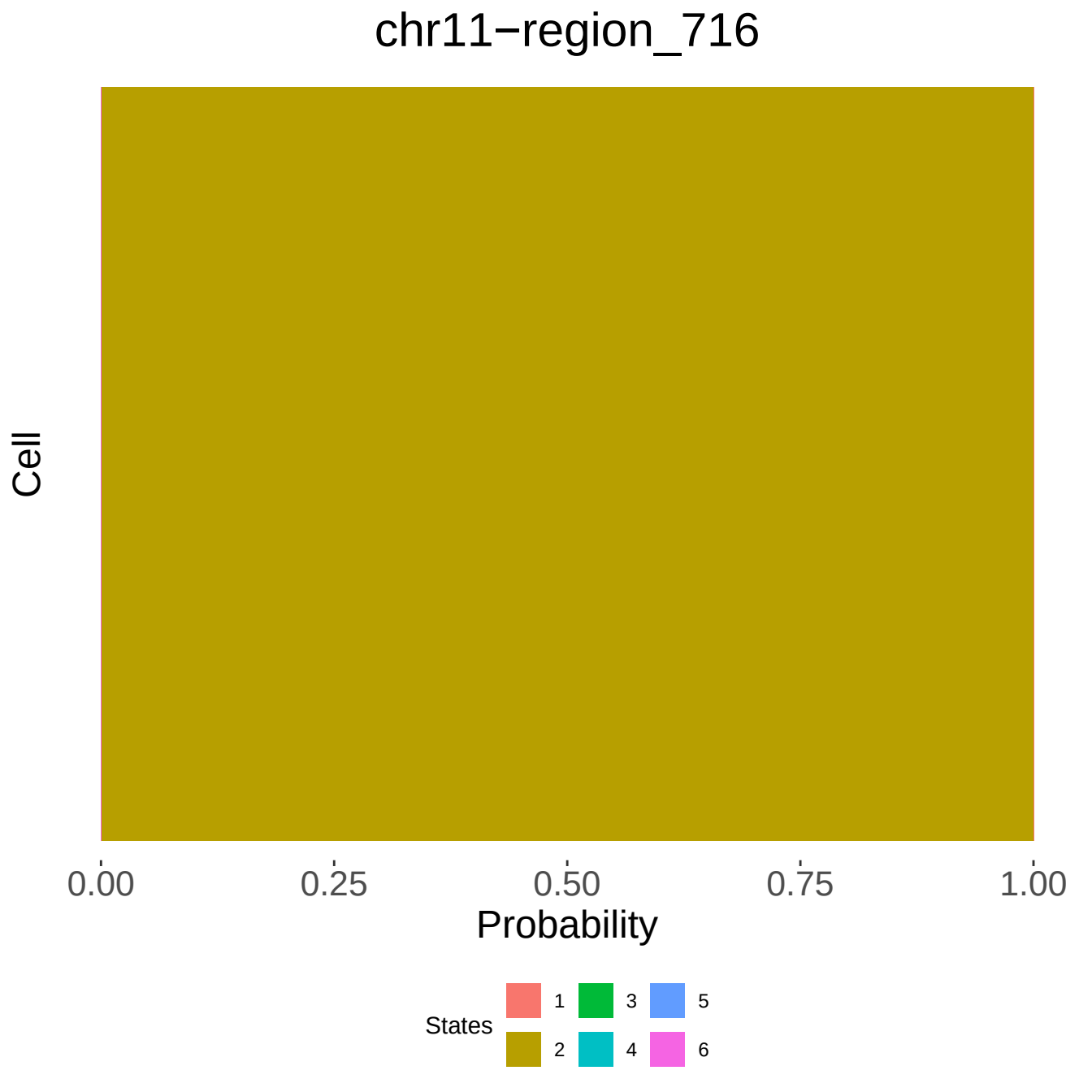
6


chr11−region_716
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Probability
States
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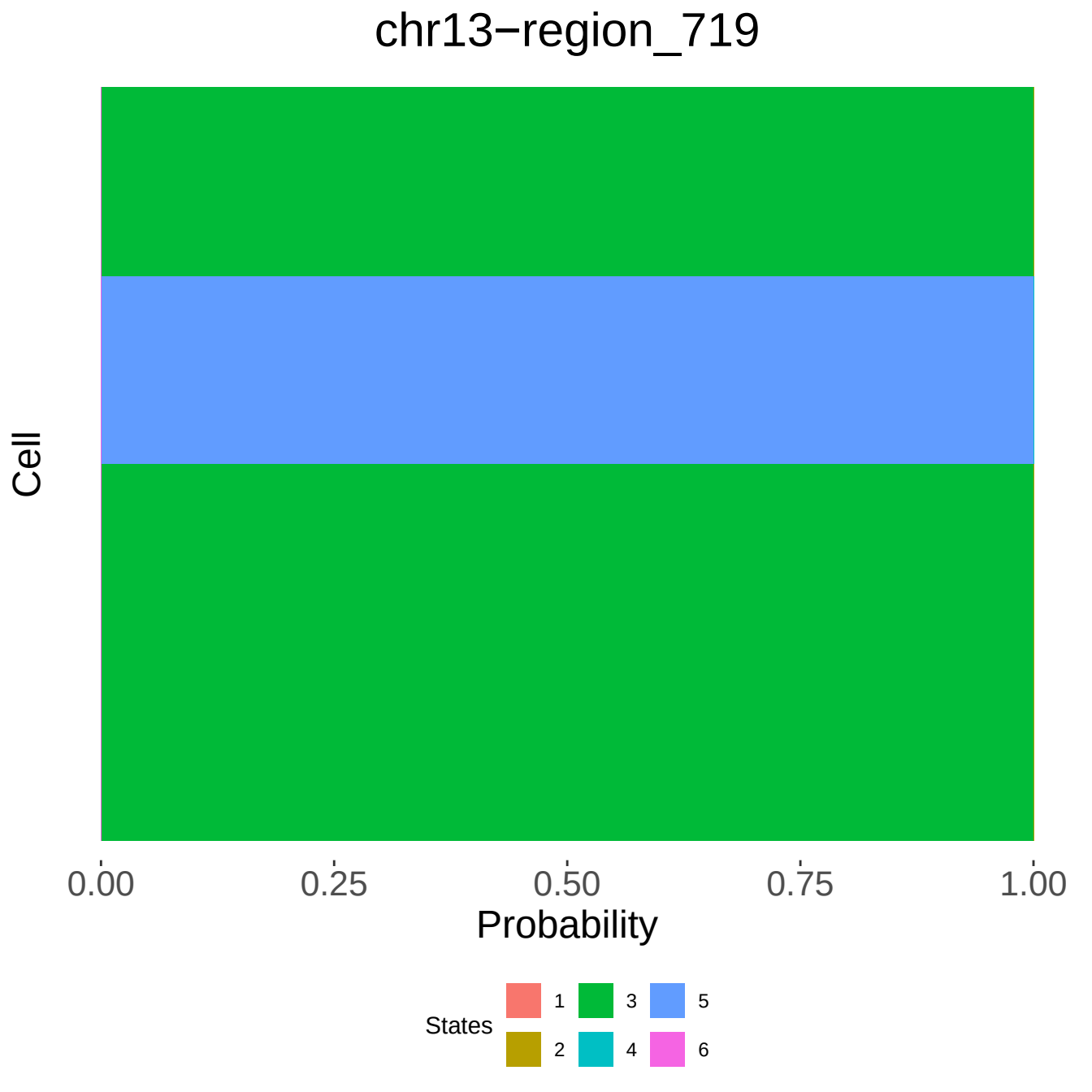
6


chr13−region_719
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Probability
States
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4
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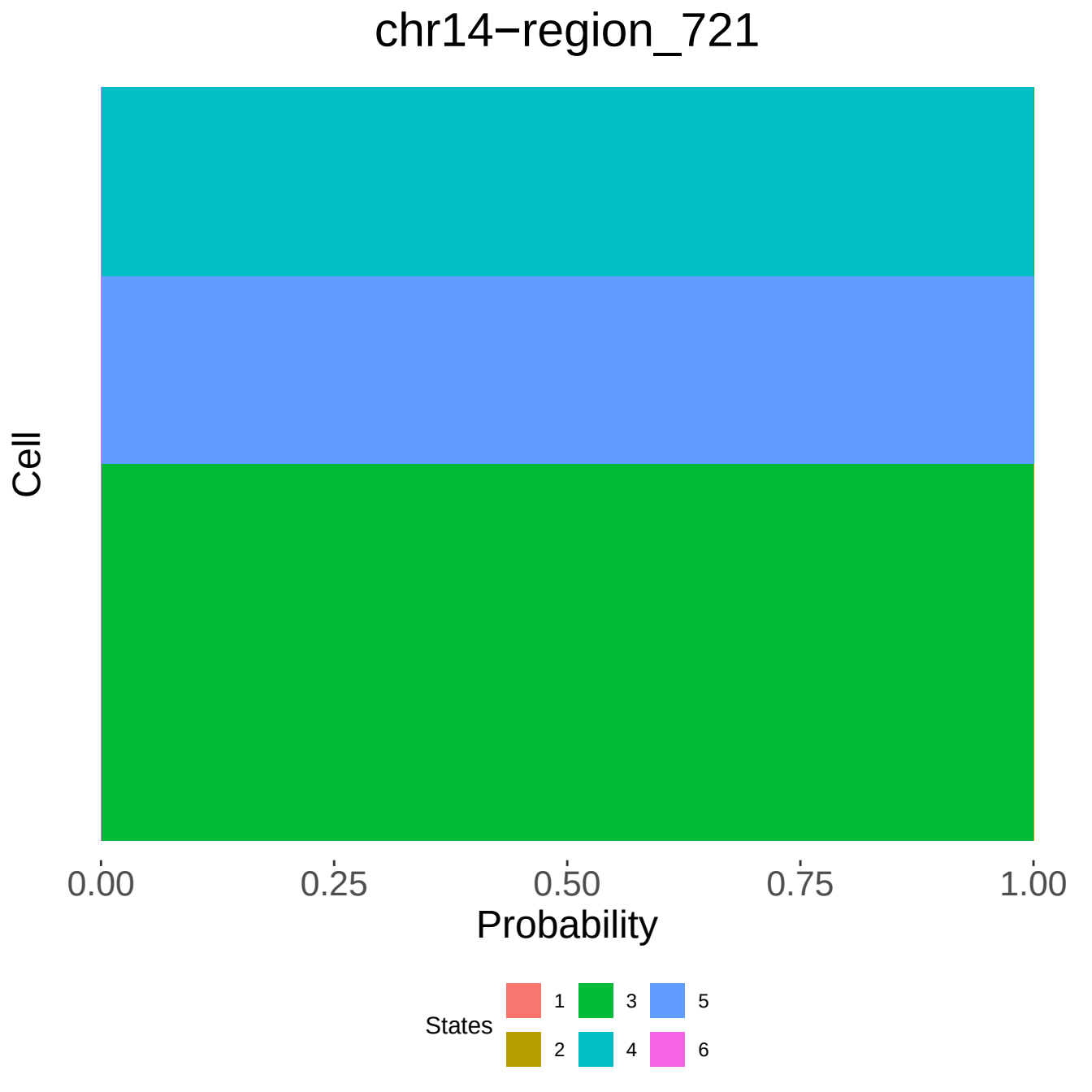
6


chr14−region_721
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Probability
States
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4
5
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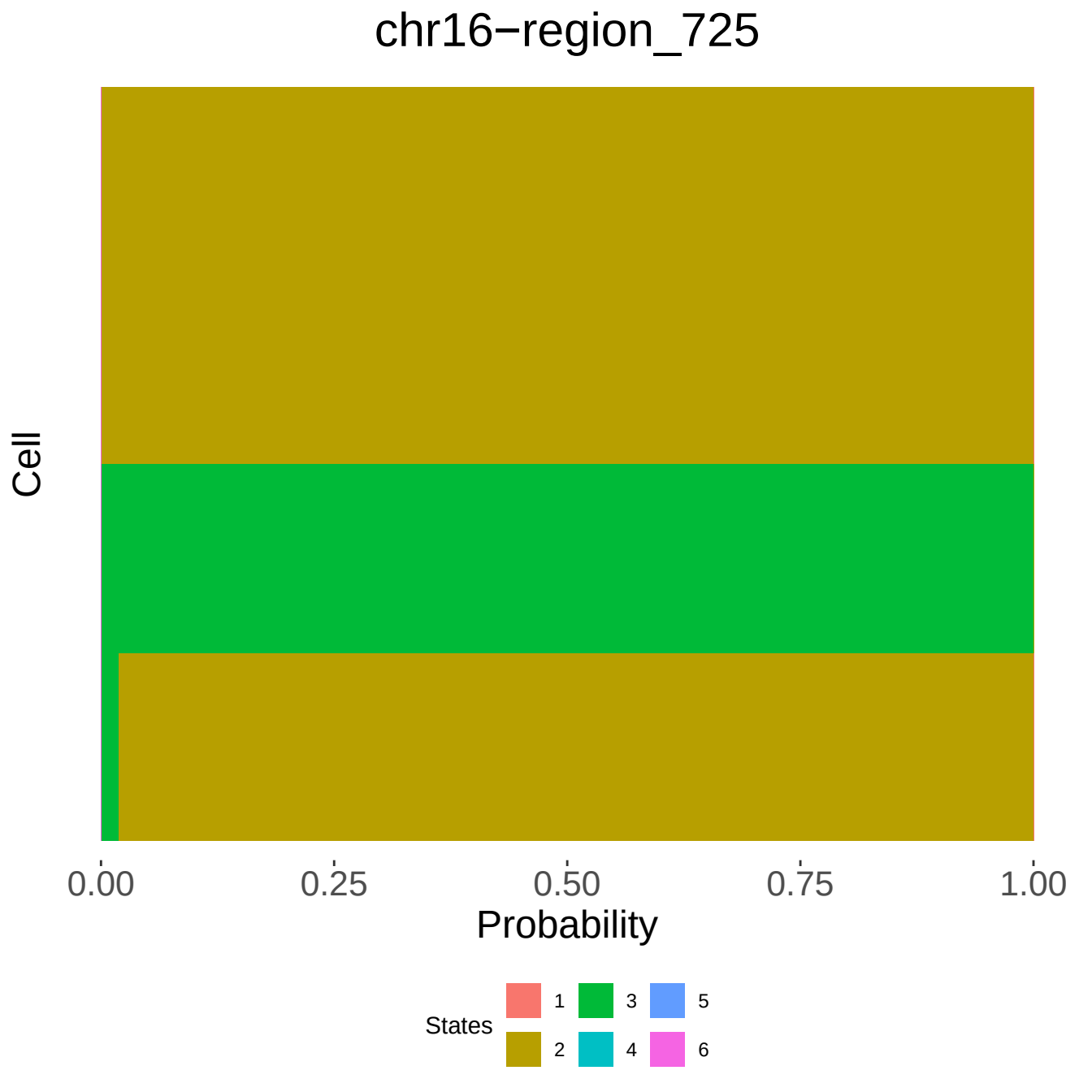
chr16−region_725
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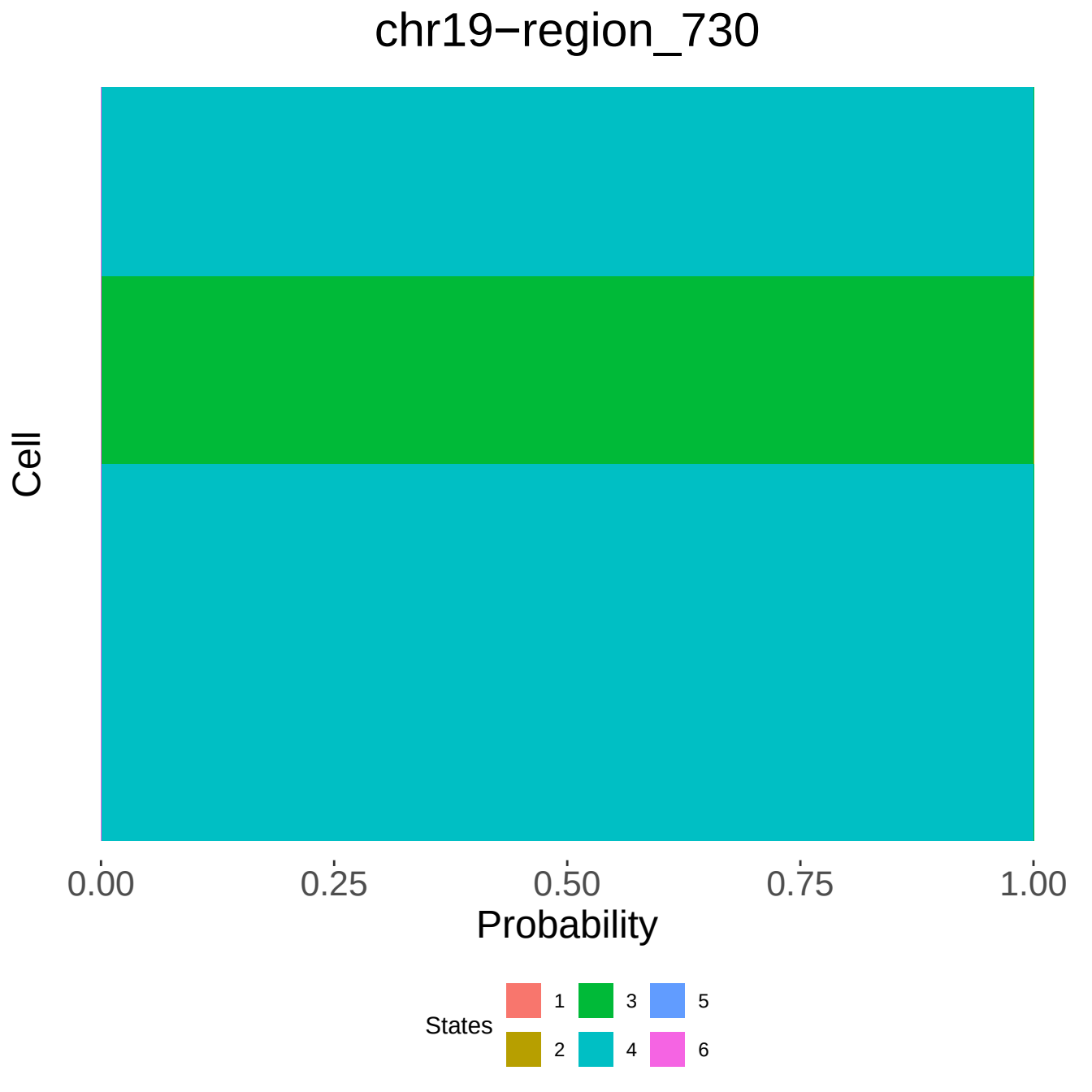
1.00
Probability
States
1
2
3
4
5
6


chr19−region_730
Cell
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0.75
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Probability
States
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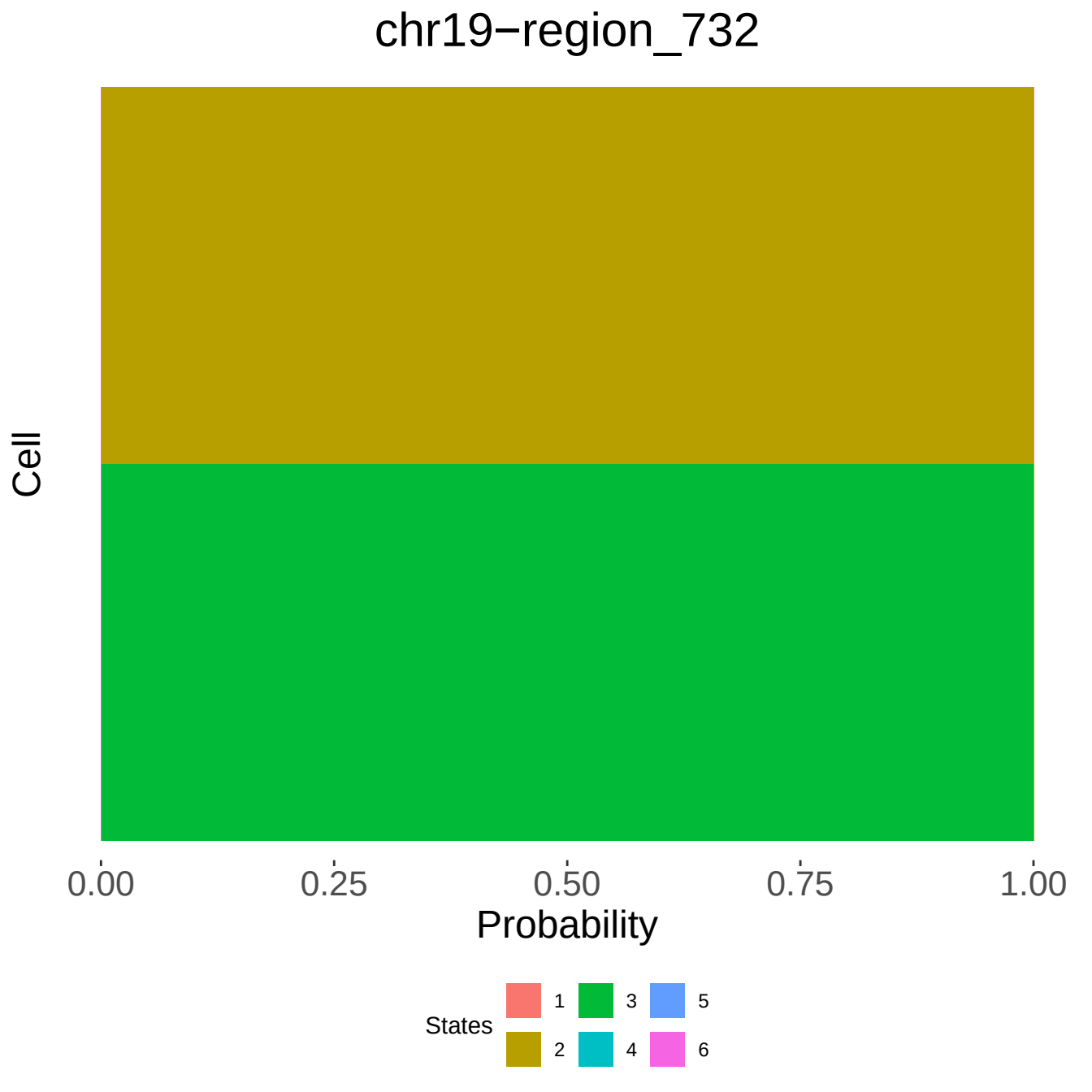
4
5
6


chr19−region_732
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0.75
1.00
Probability
States
1
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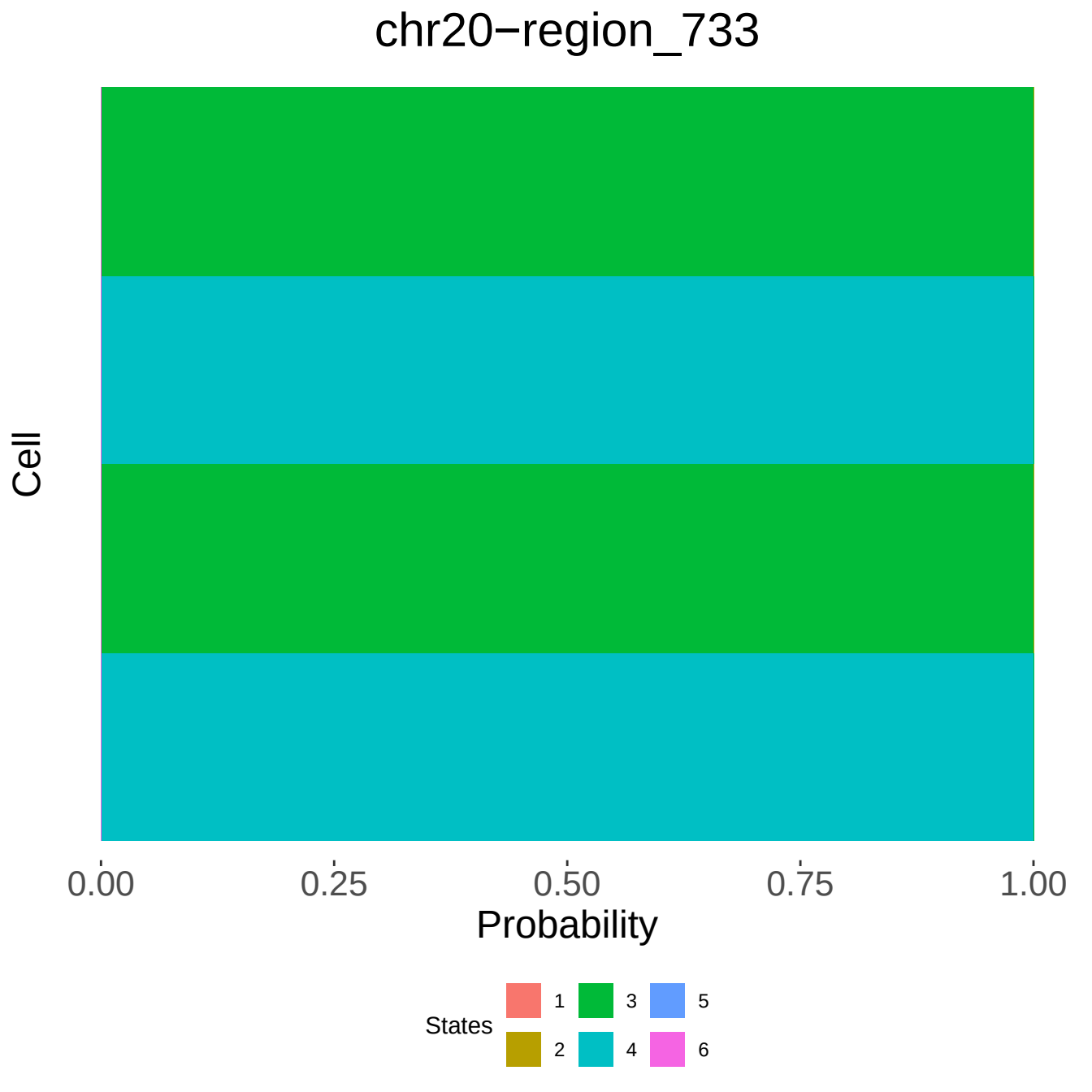
3
4
5
6


chr20−region_733
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1.00
Probability
States
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3
4
5
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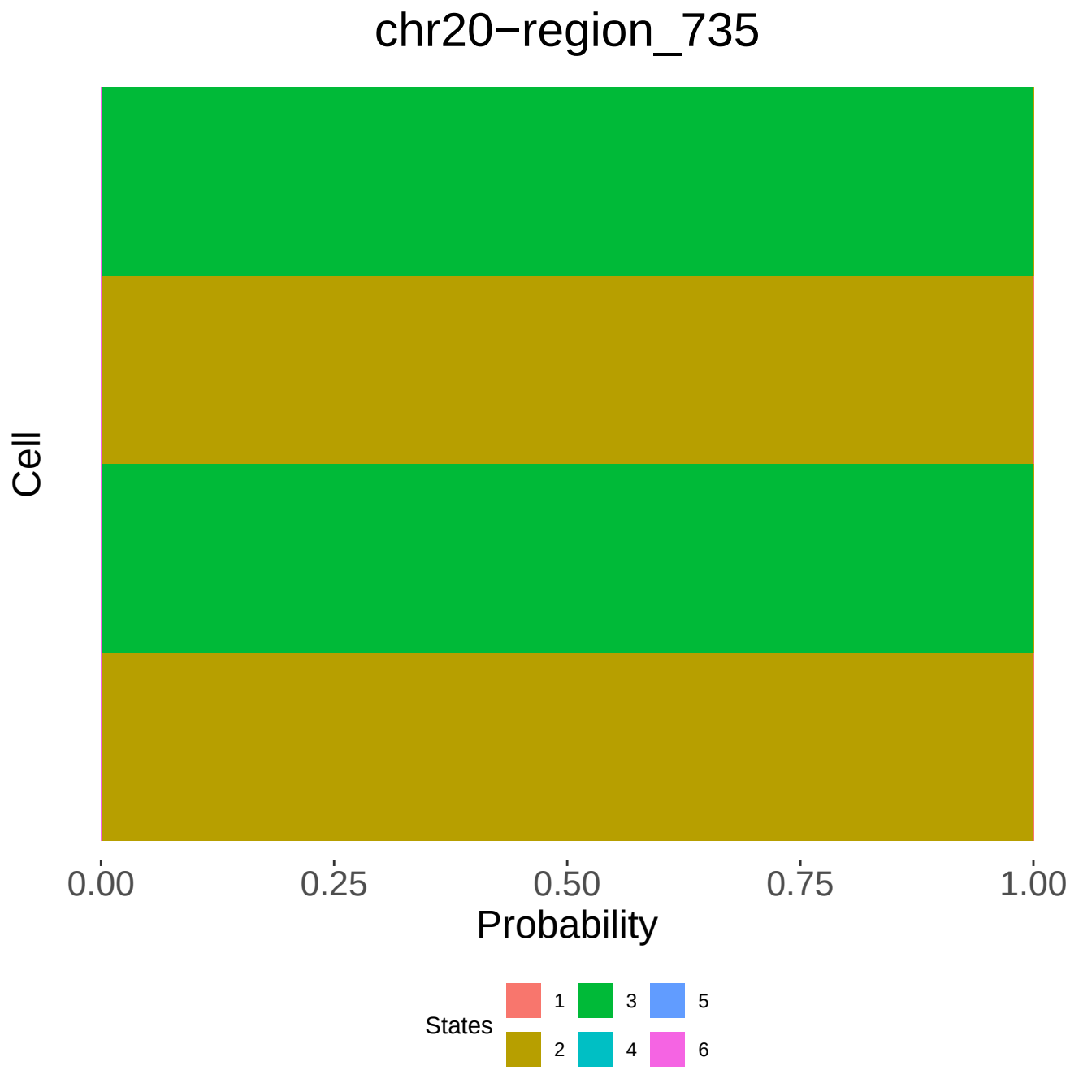
chr20−region_735
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0.75
1.00
Probability
States
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2
3
4
5
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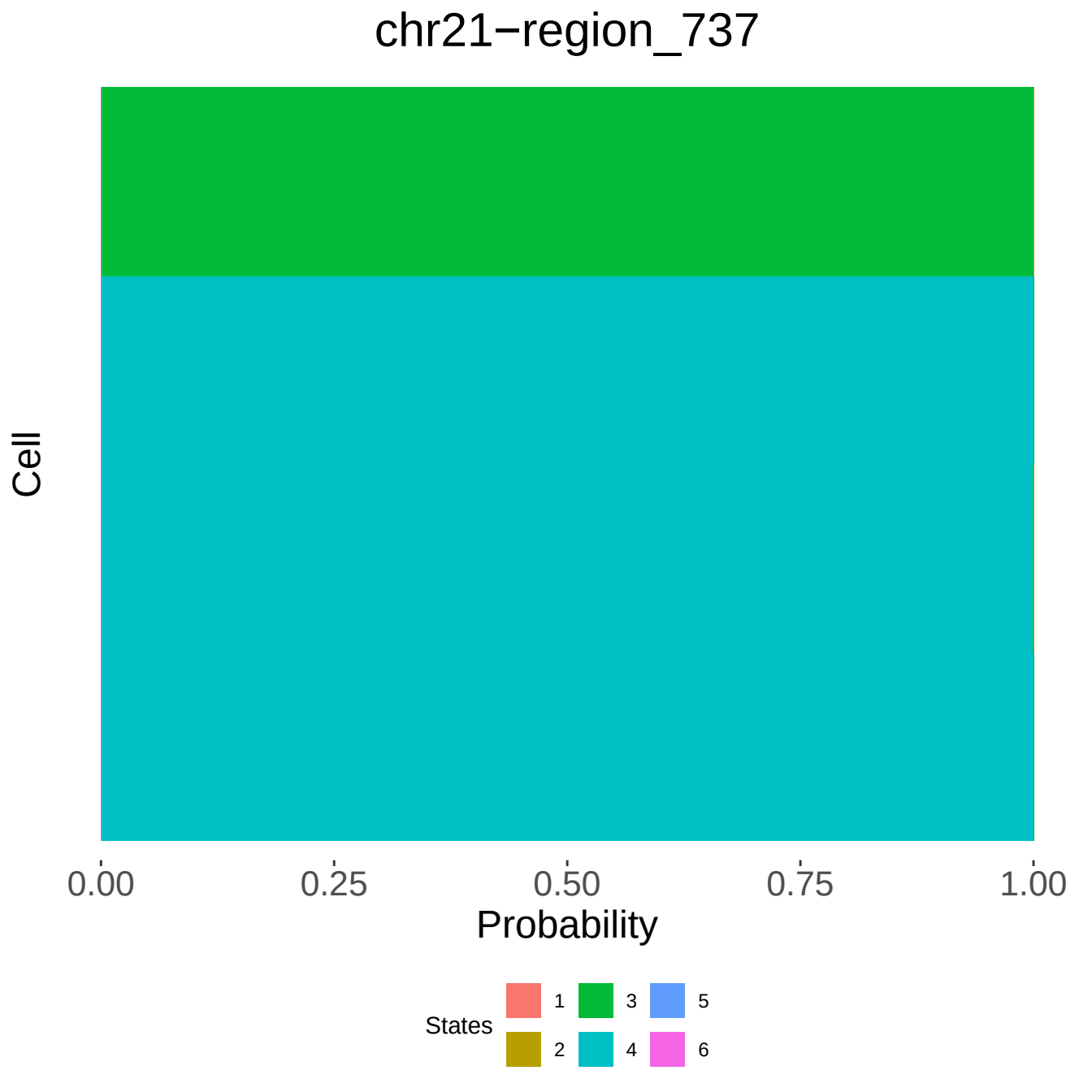
chr21−region_737
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Probability
States
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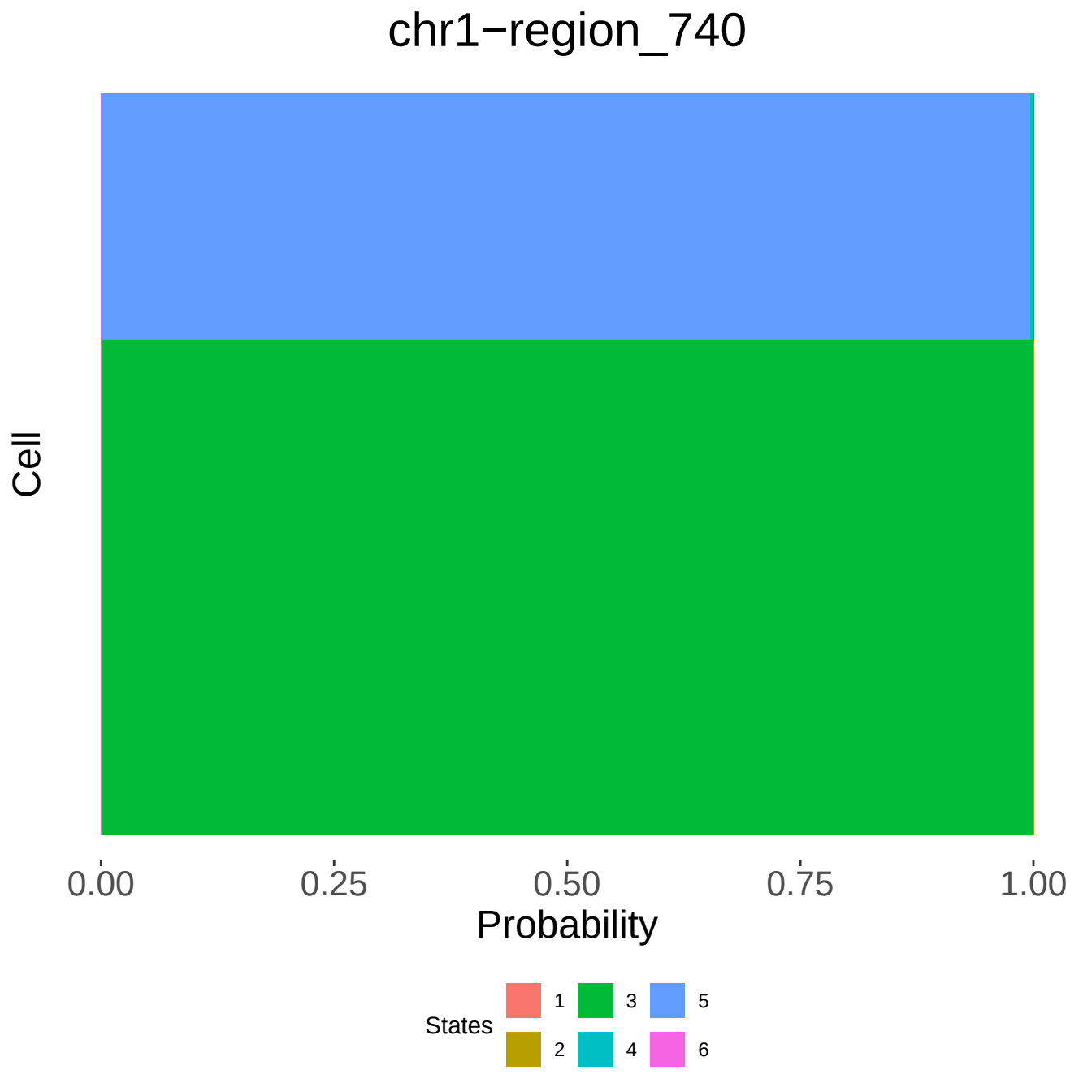
2
3
4
5
6


chr1−region_740
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0.75
1.00
Probability
States
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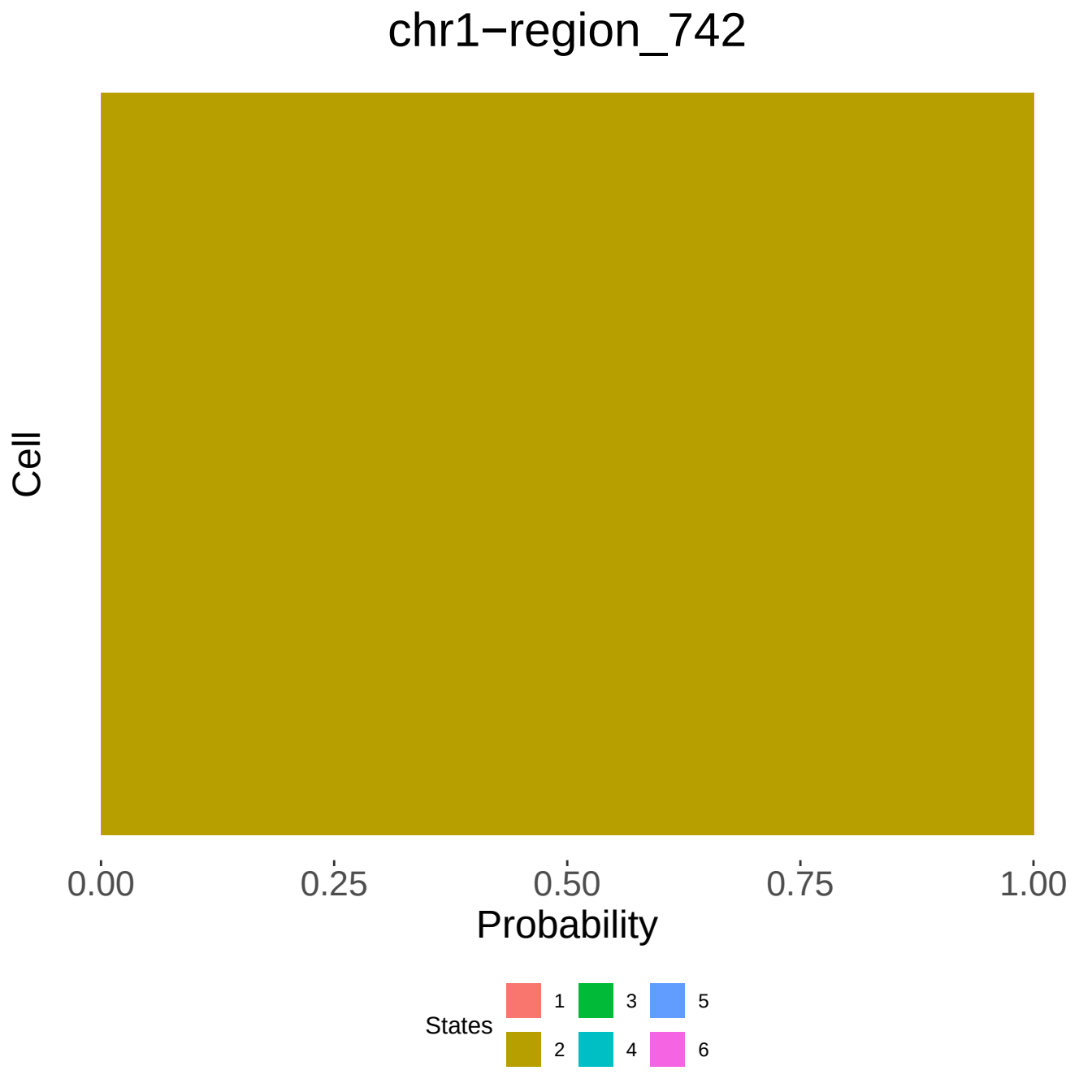
2
3
4
5
6


chr1−region_742
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Probability
States
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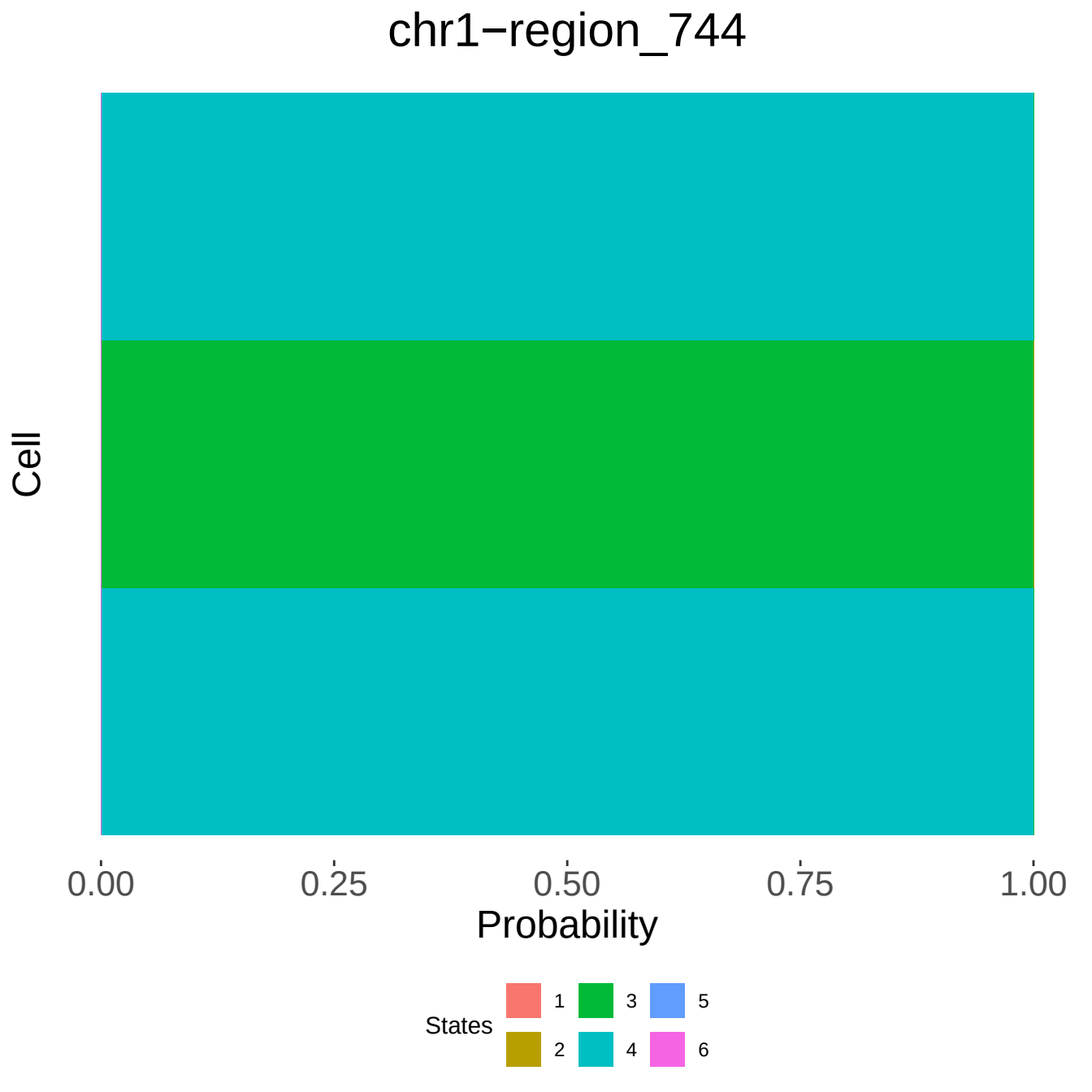
3
4
5
6


chr1−region_744
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Probability
States
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2
3
4
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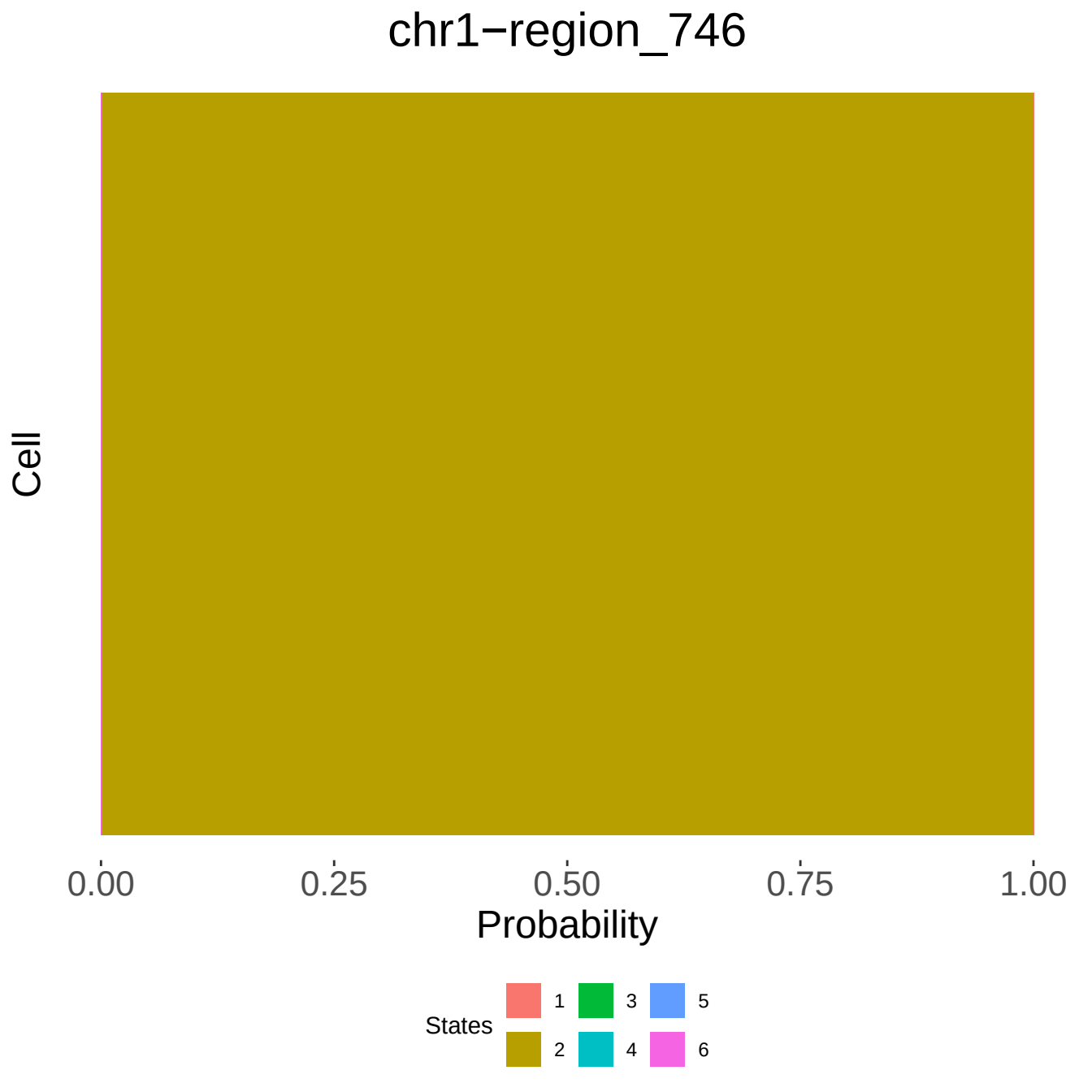
chr1−region_746
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Probability
States
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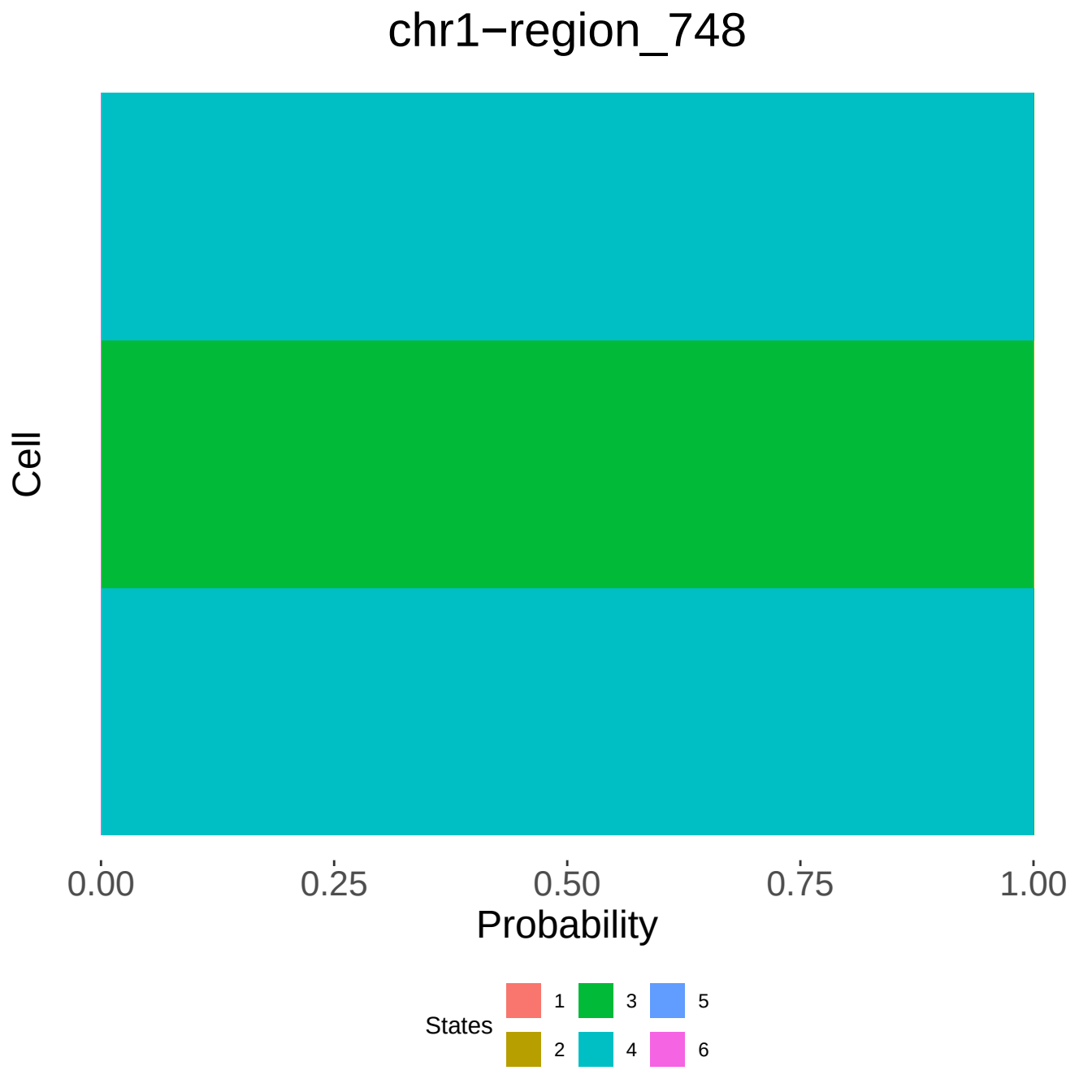
2
3
4
5
6


chr1−region_748
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Probability
States
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3
4
5
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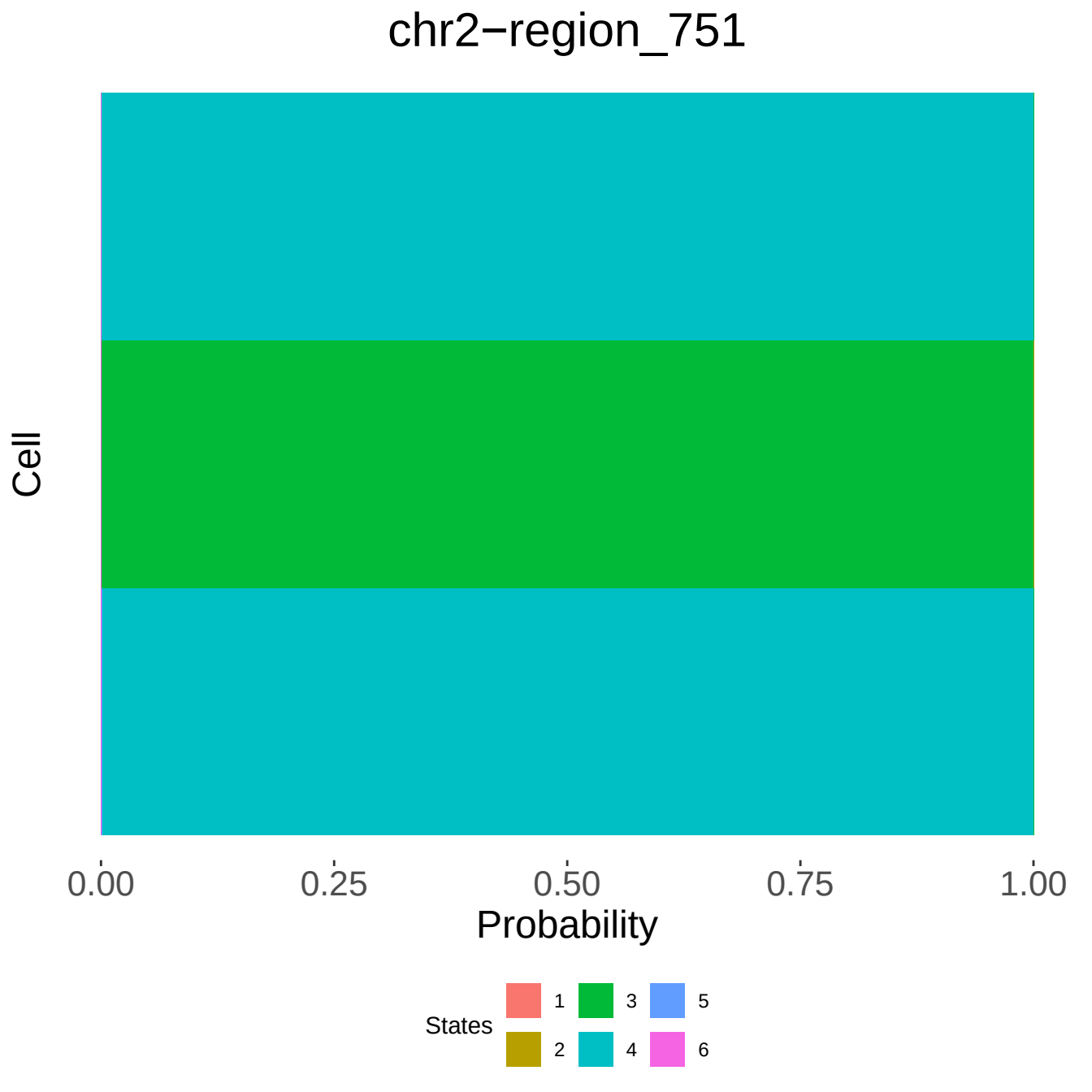
chr2−region_751
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Probability
States
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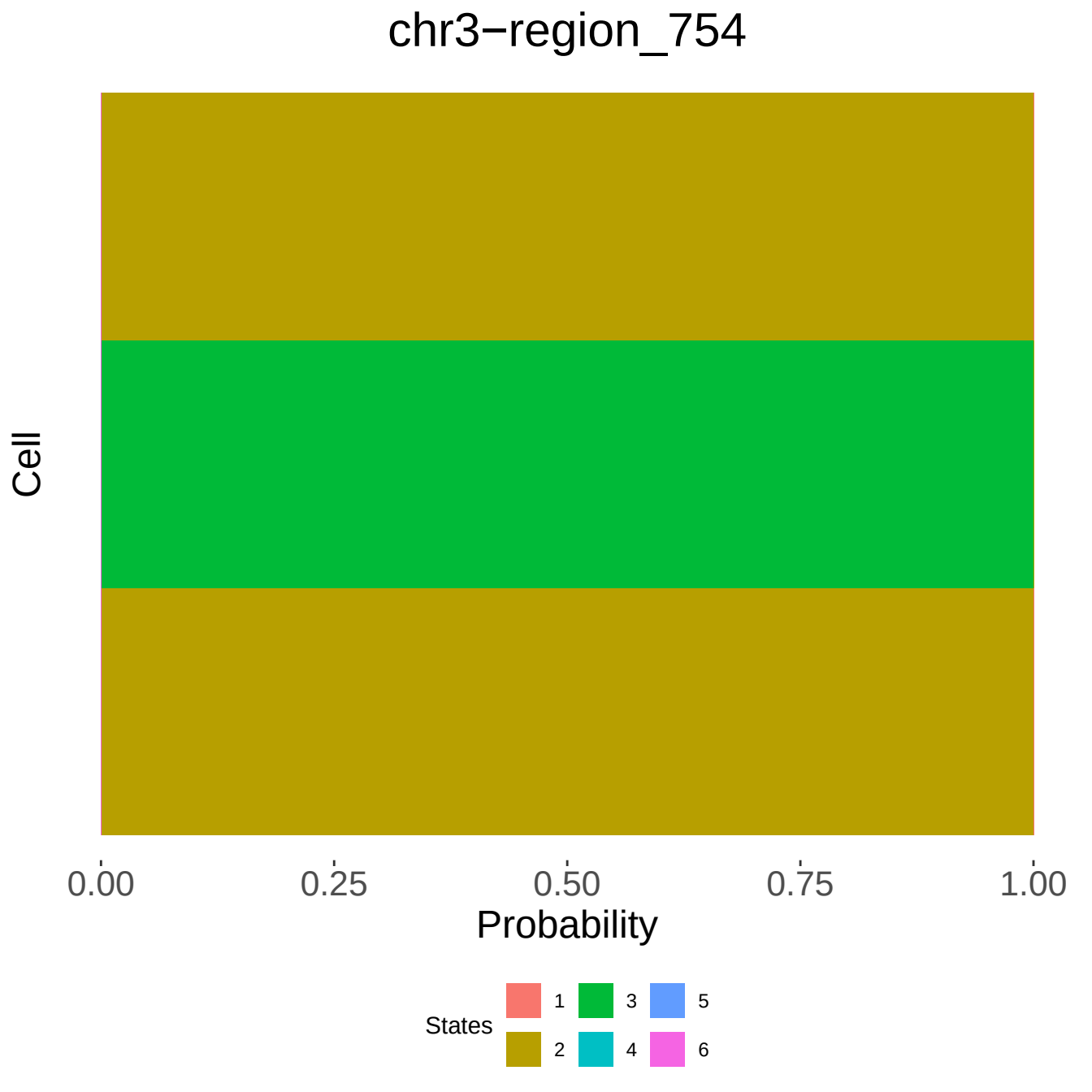
2
3
4
5
6


chr3−region_754
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1.00
Probability
States
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3
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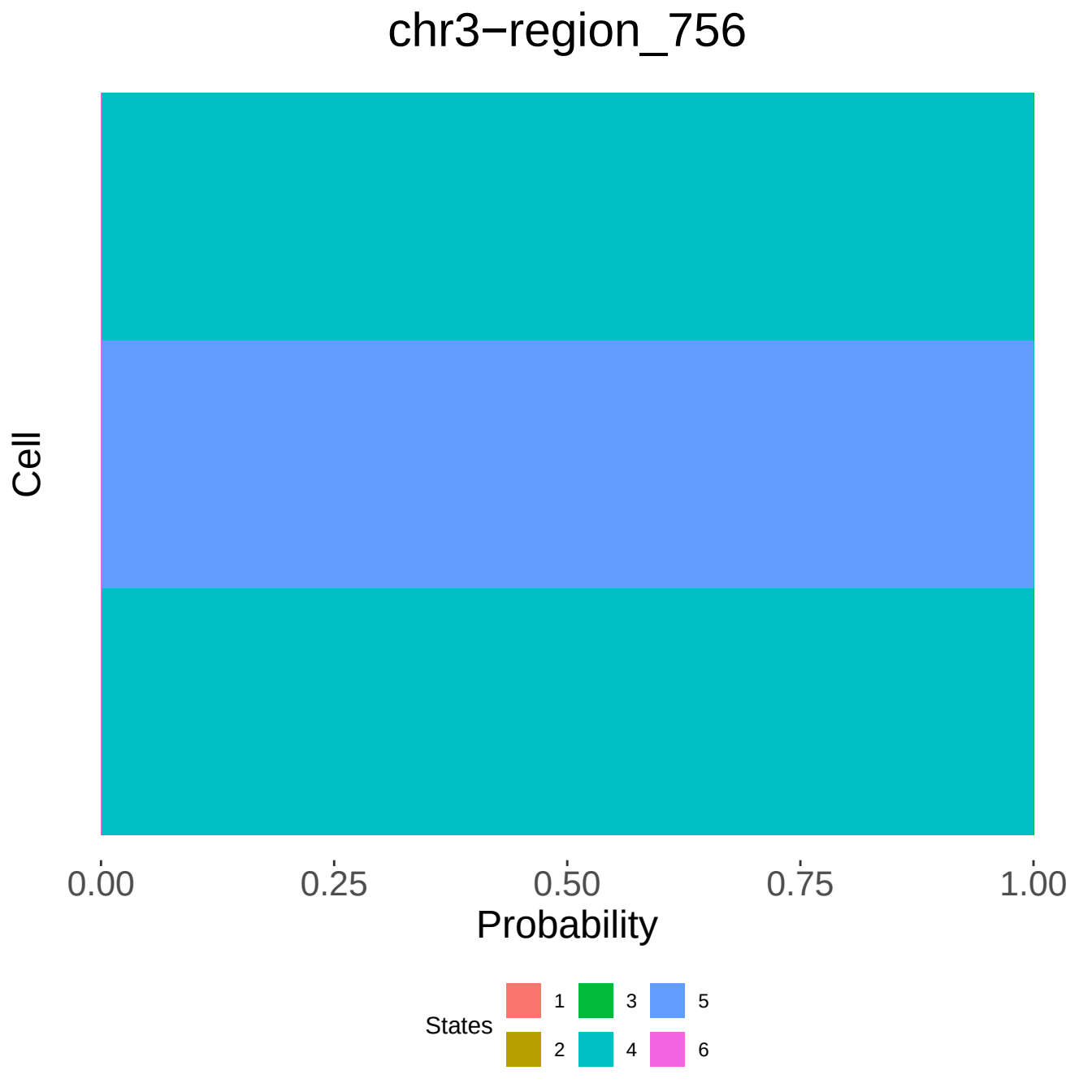
2
4
6


chr3−region_756
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1.00
Probability
States
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2
3
4
5
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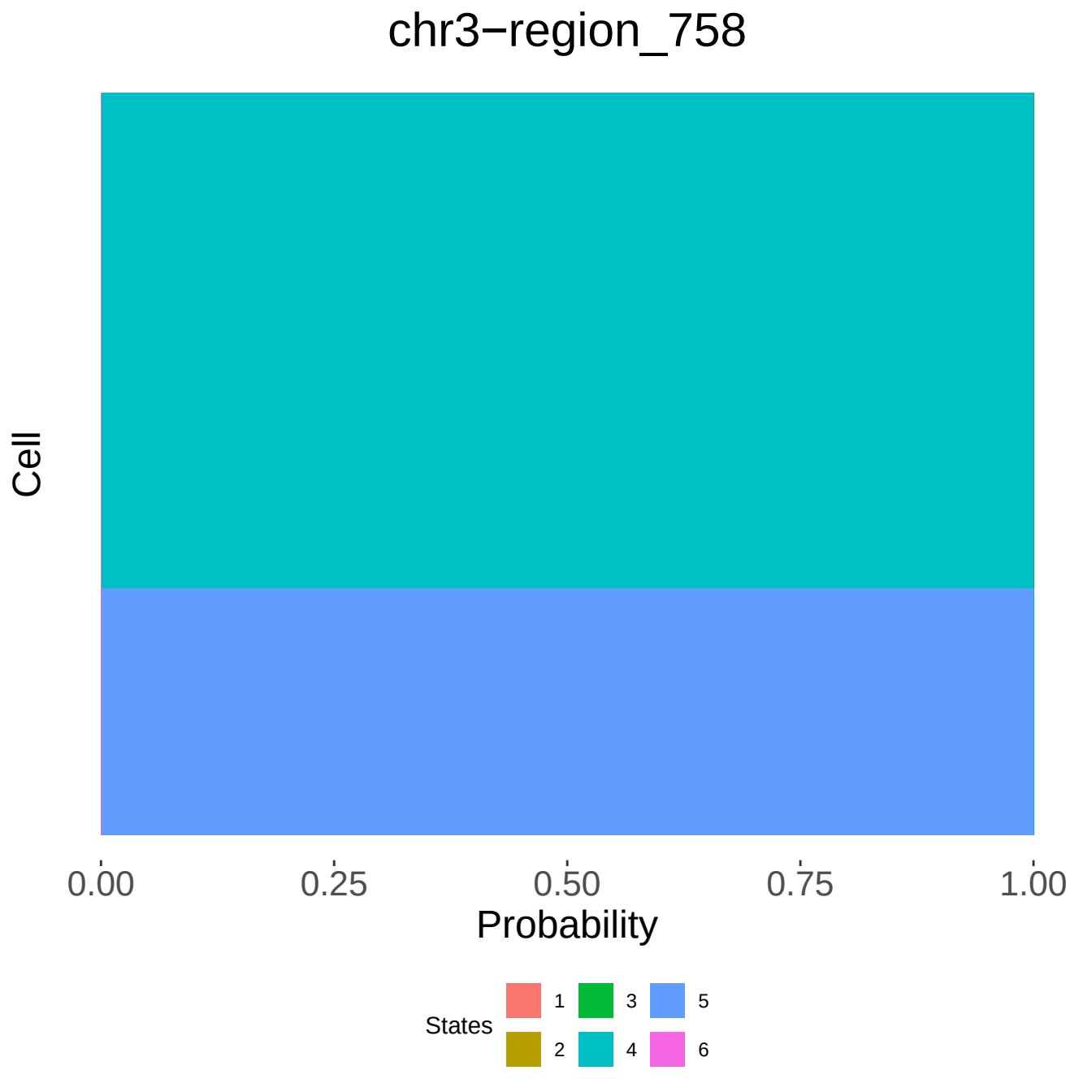
chr3−region_758
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Probability
States
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5
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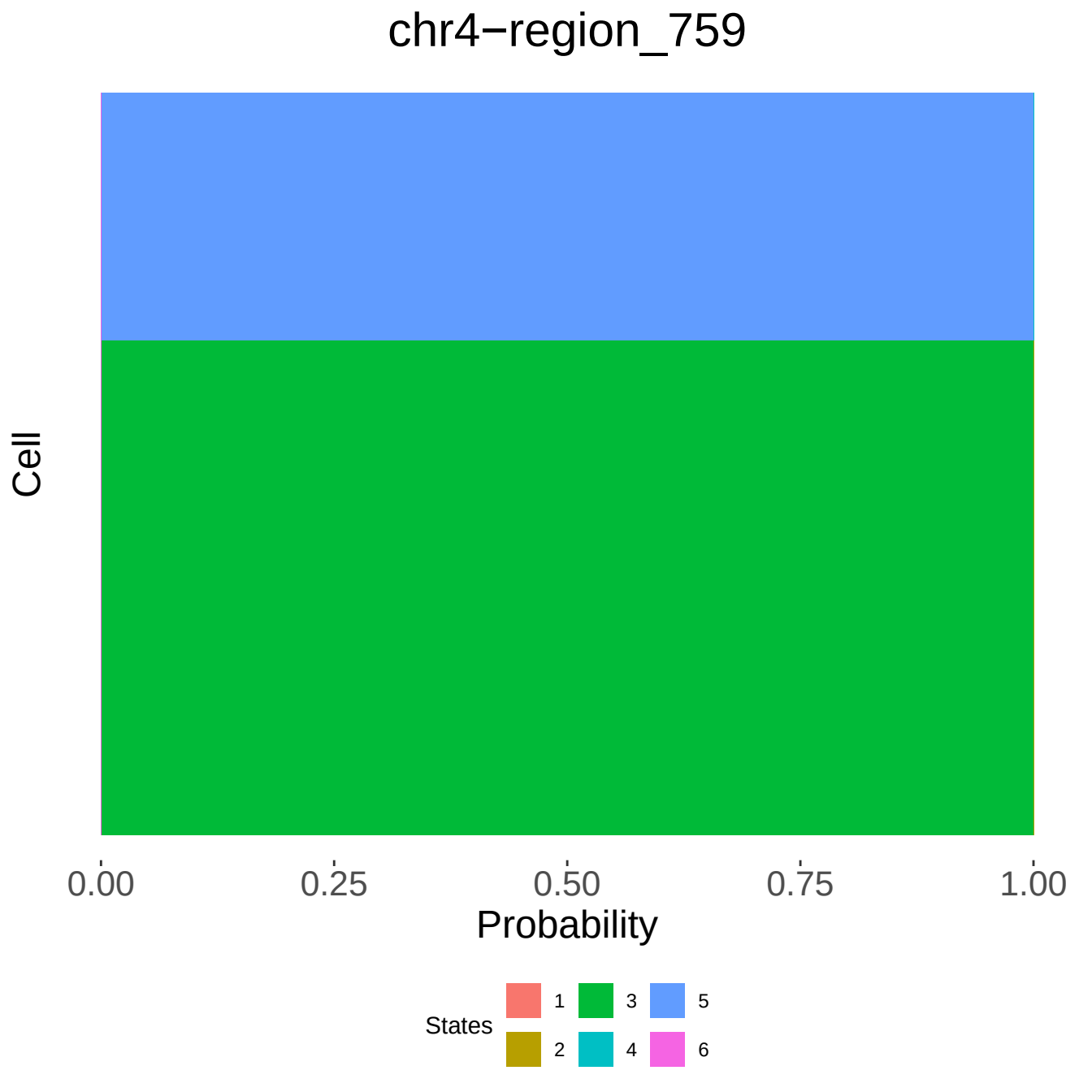
chr4−region_759
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Probability
States
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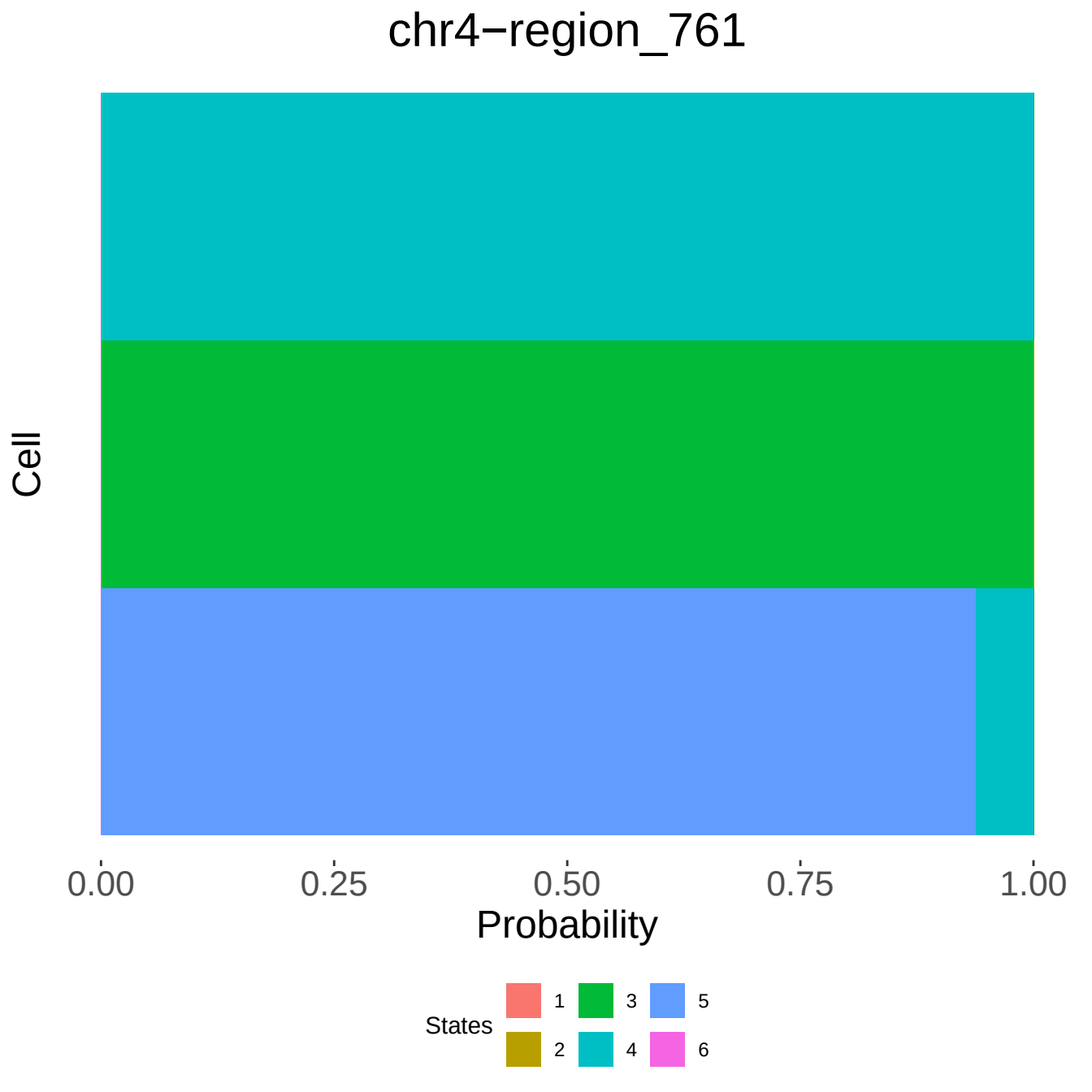
2
3
4
5
6


chr4−region_761
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Probability
States
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2
3
4
5
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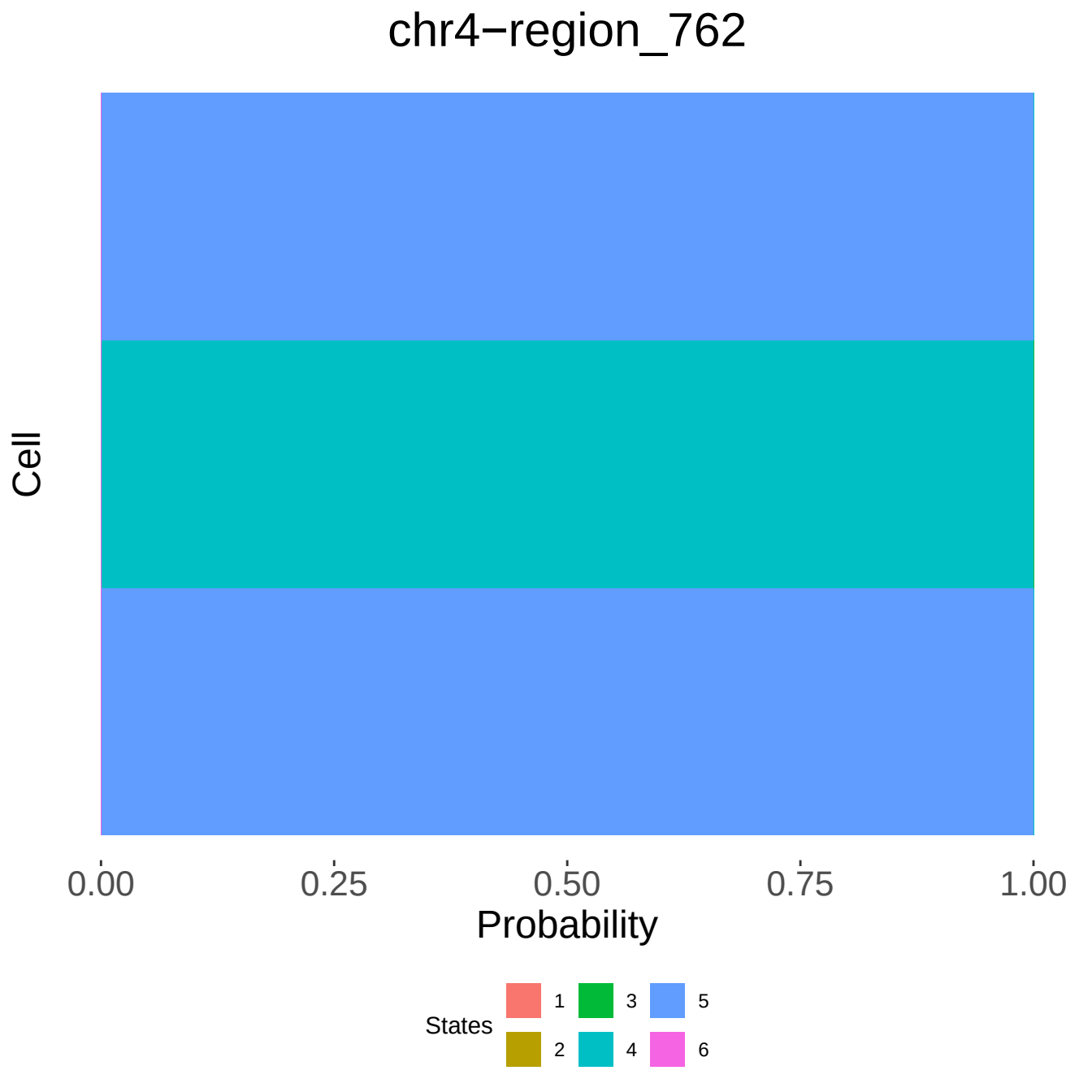
chr4−region_762
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0.75
1.00
Probability
States
1
2
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4
5
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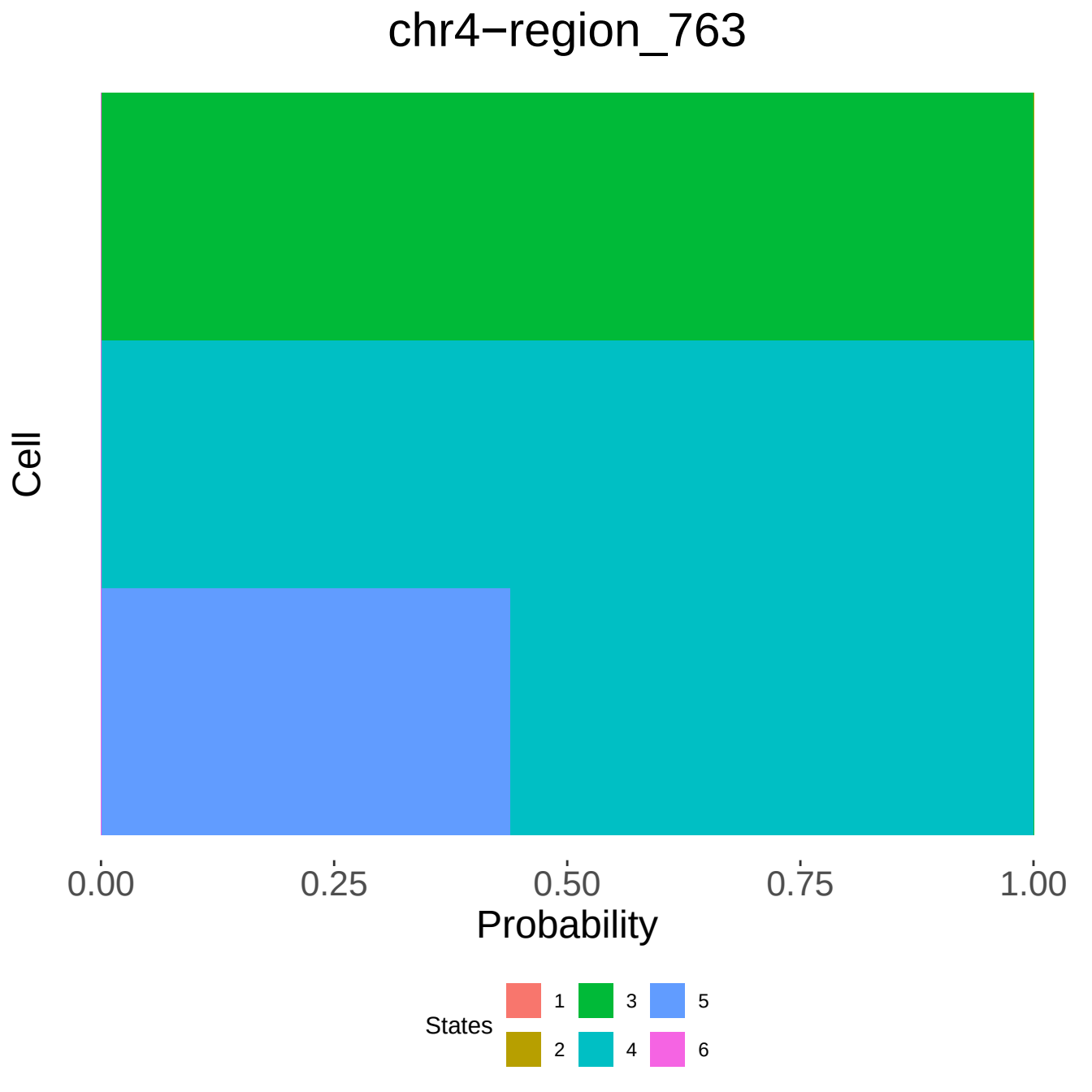
chr4−region_763
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1.00
Probability
States
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5
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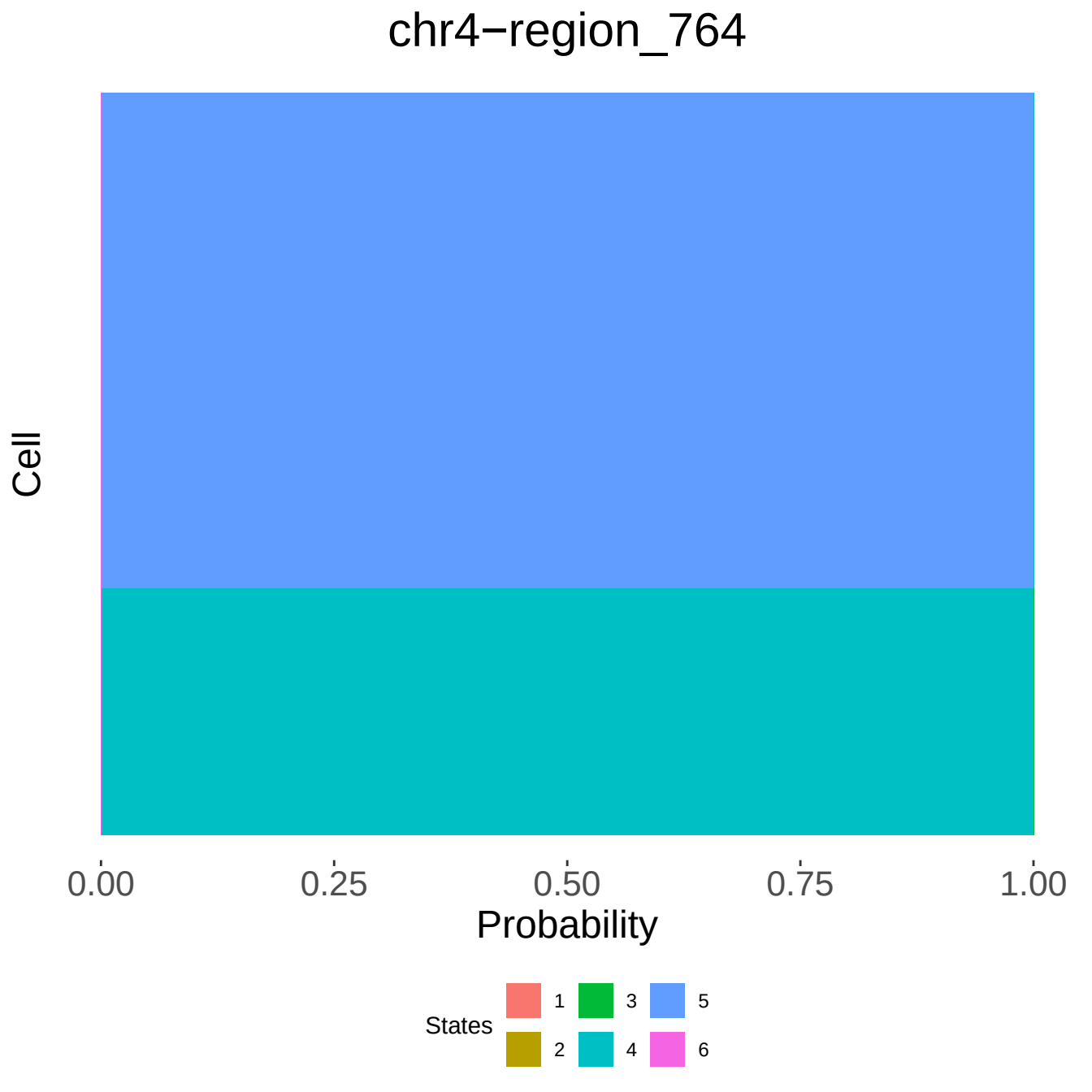
chr4−region_764
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Probability
States
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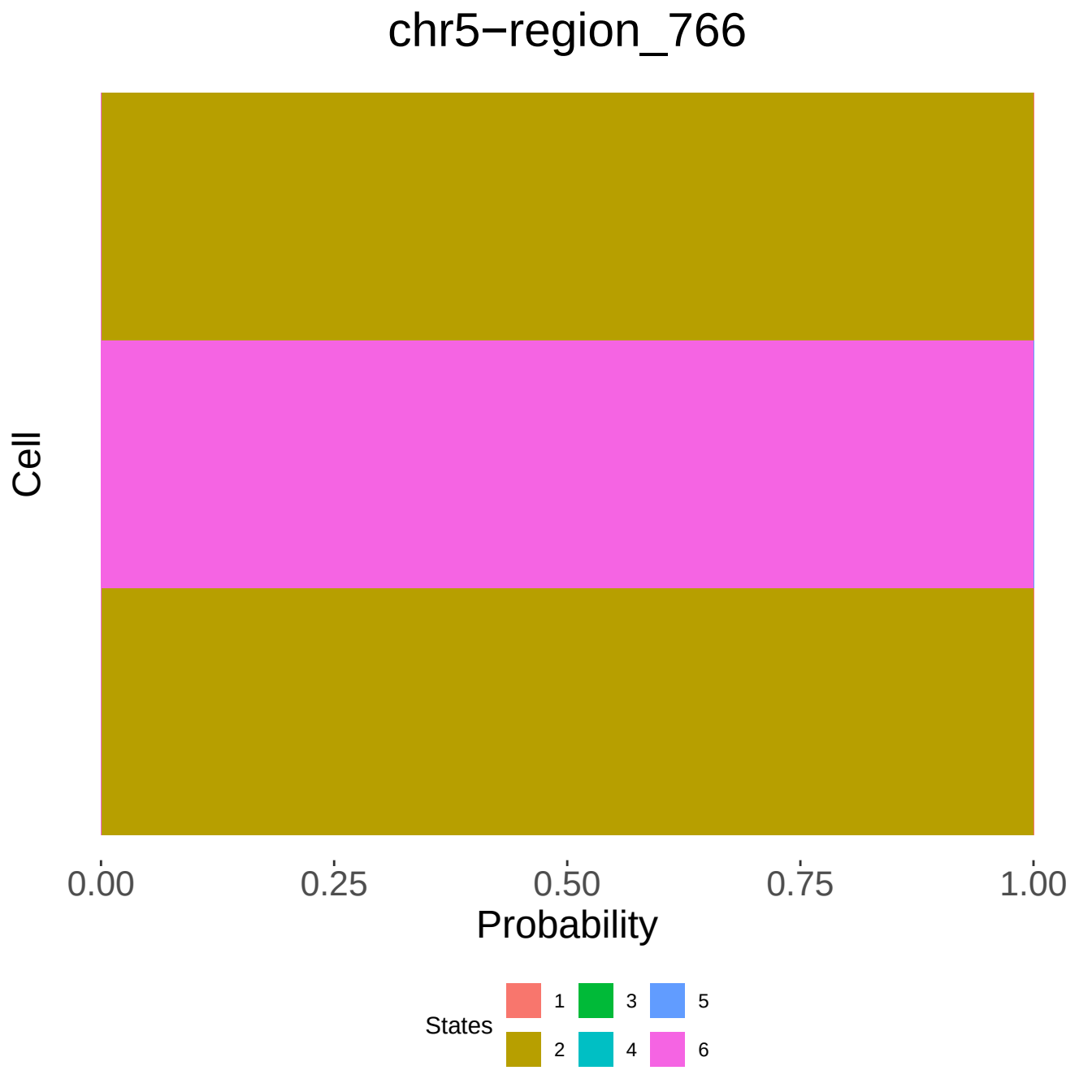
chr5−region_766
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Probability
States
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5
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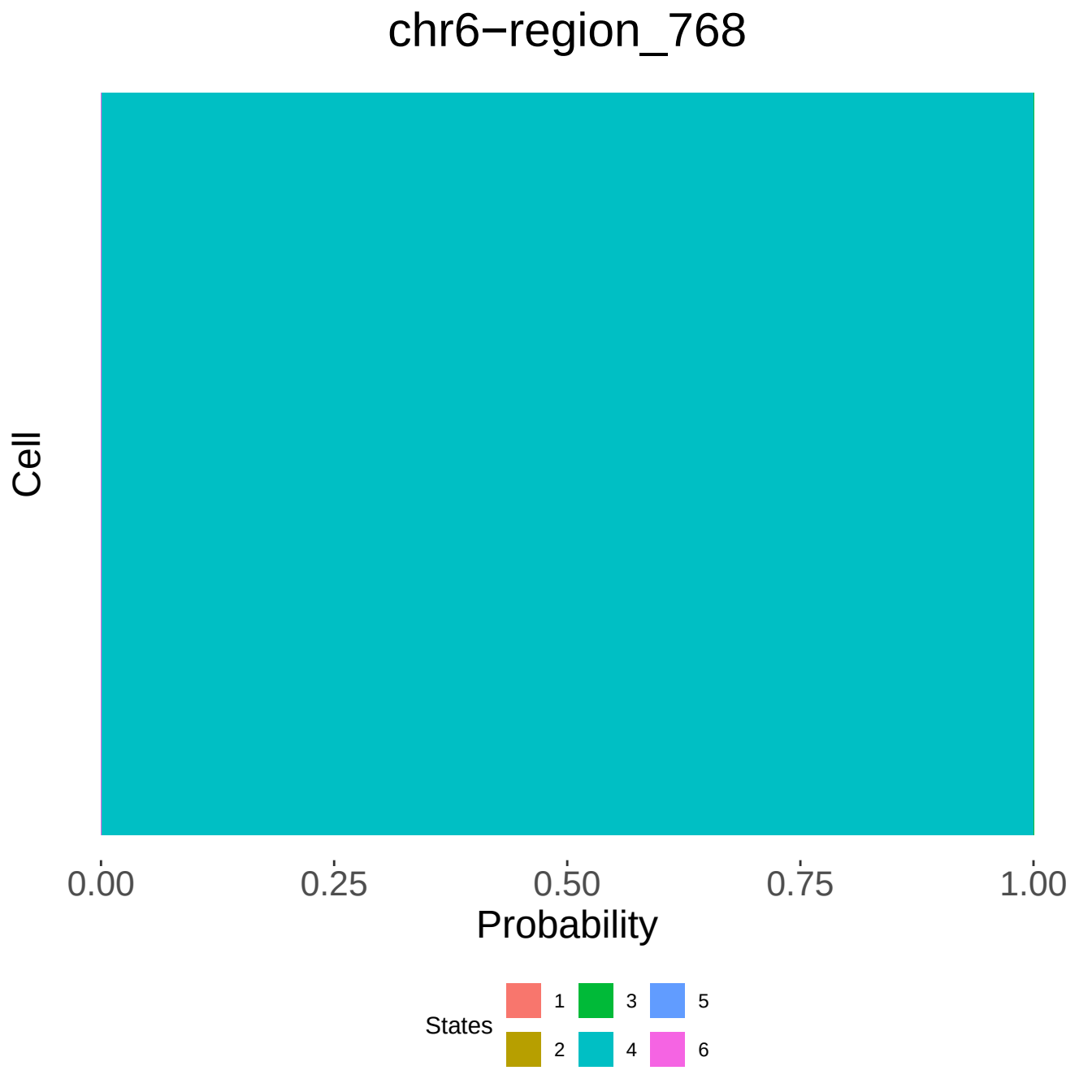
chr6−region_768
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0.75
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Probability
States
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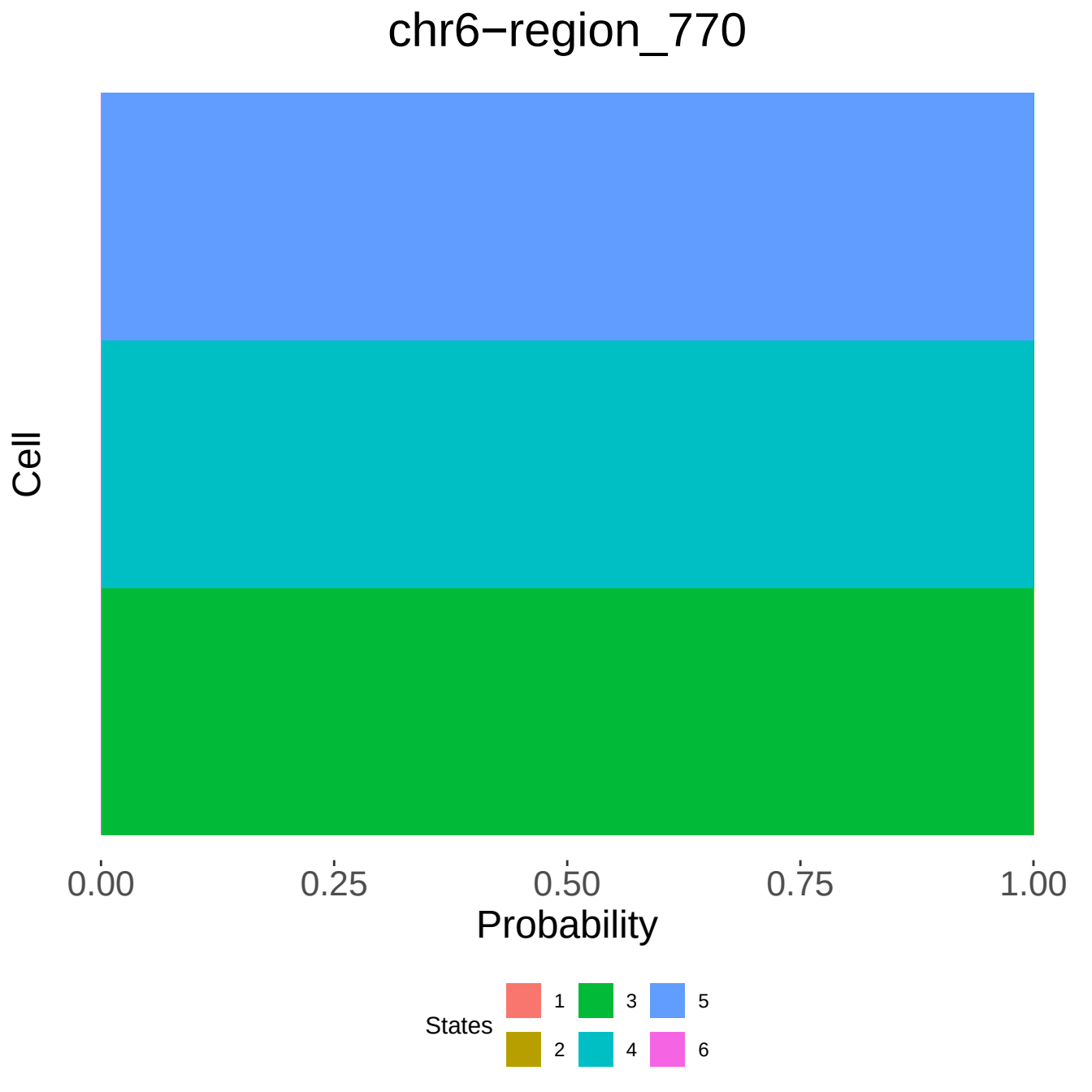
chr6−region_770
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1.00
Probability
States
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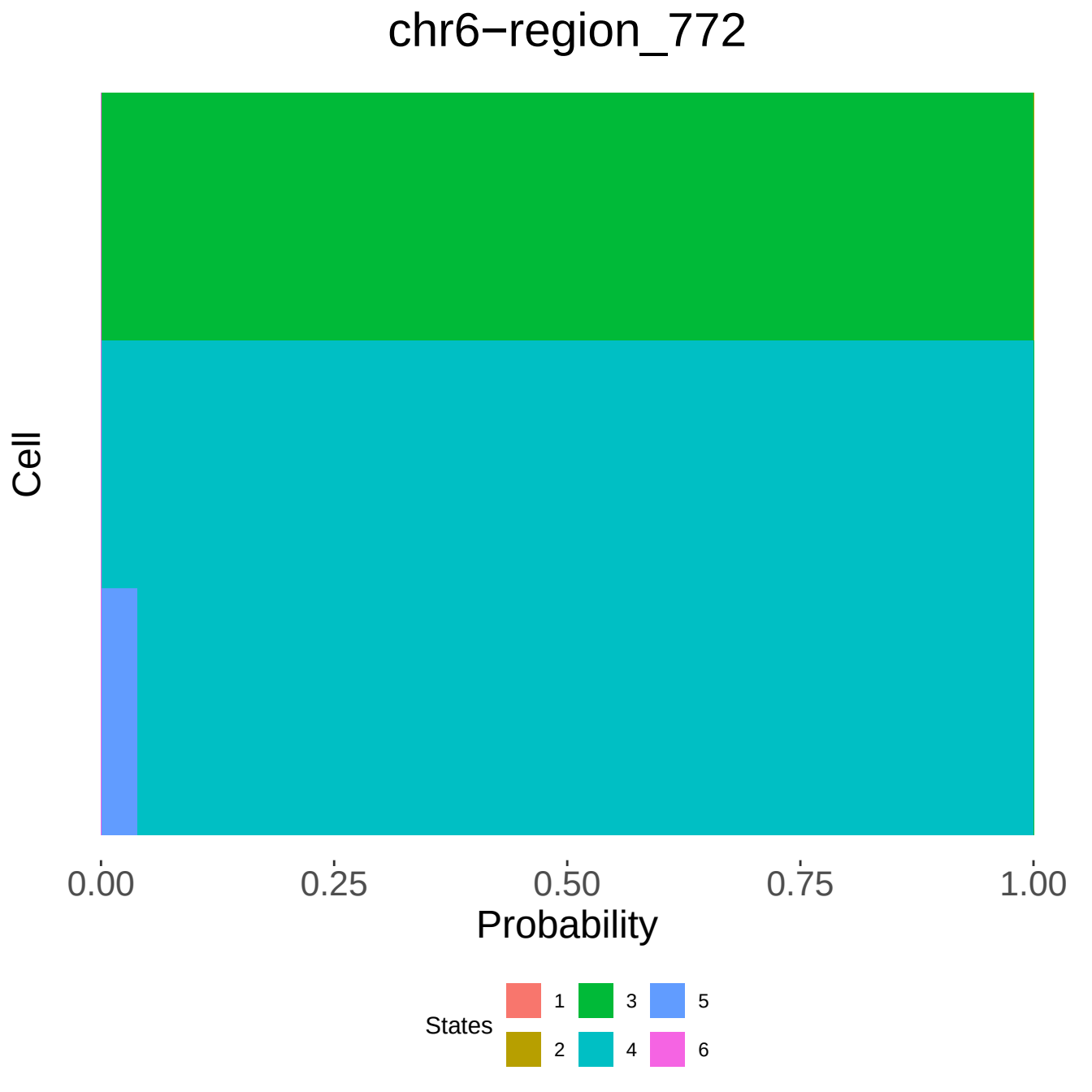
chr6−region_772
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Probability
States
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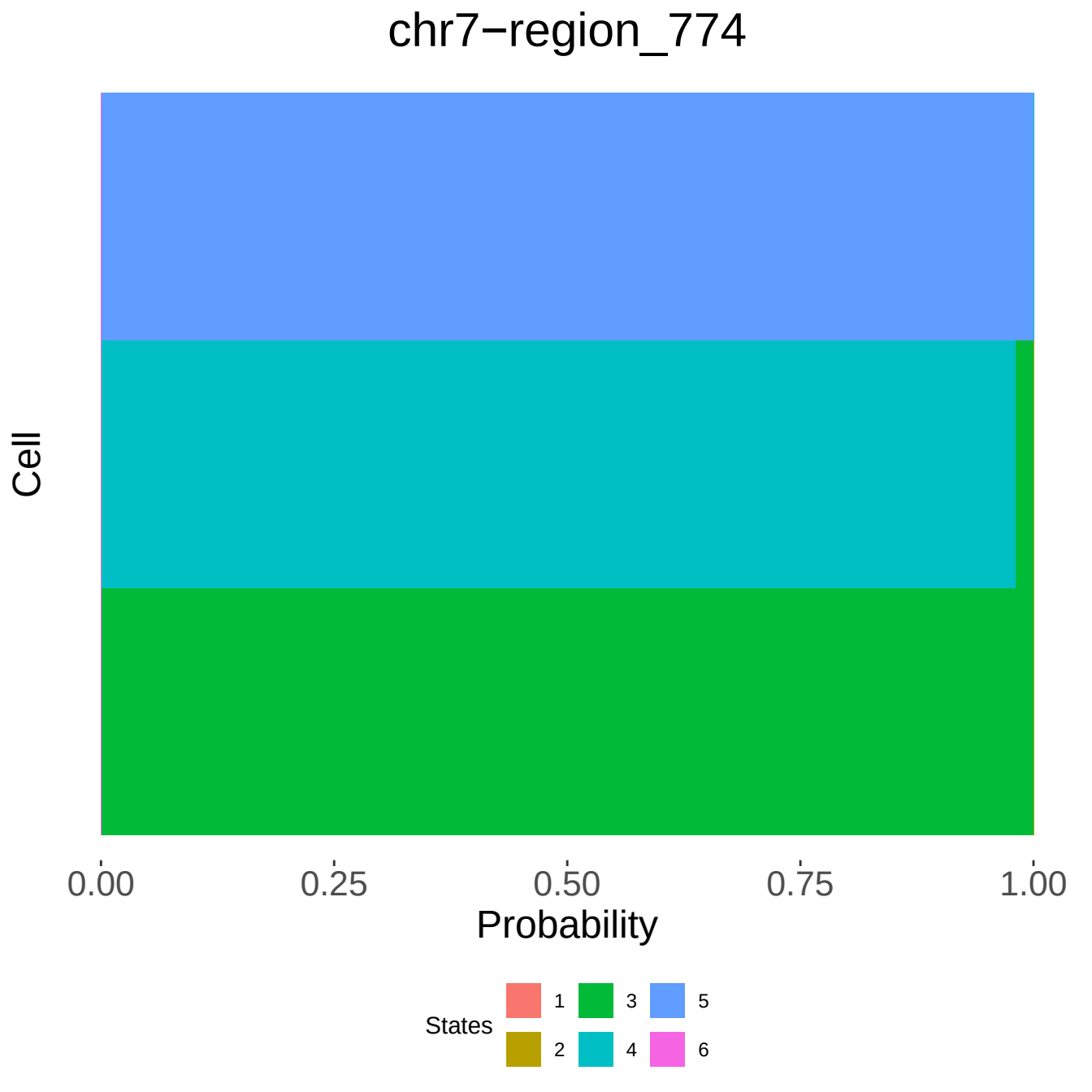
chr7−region_774
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Probability
States
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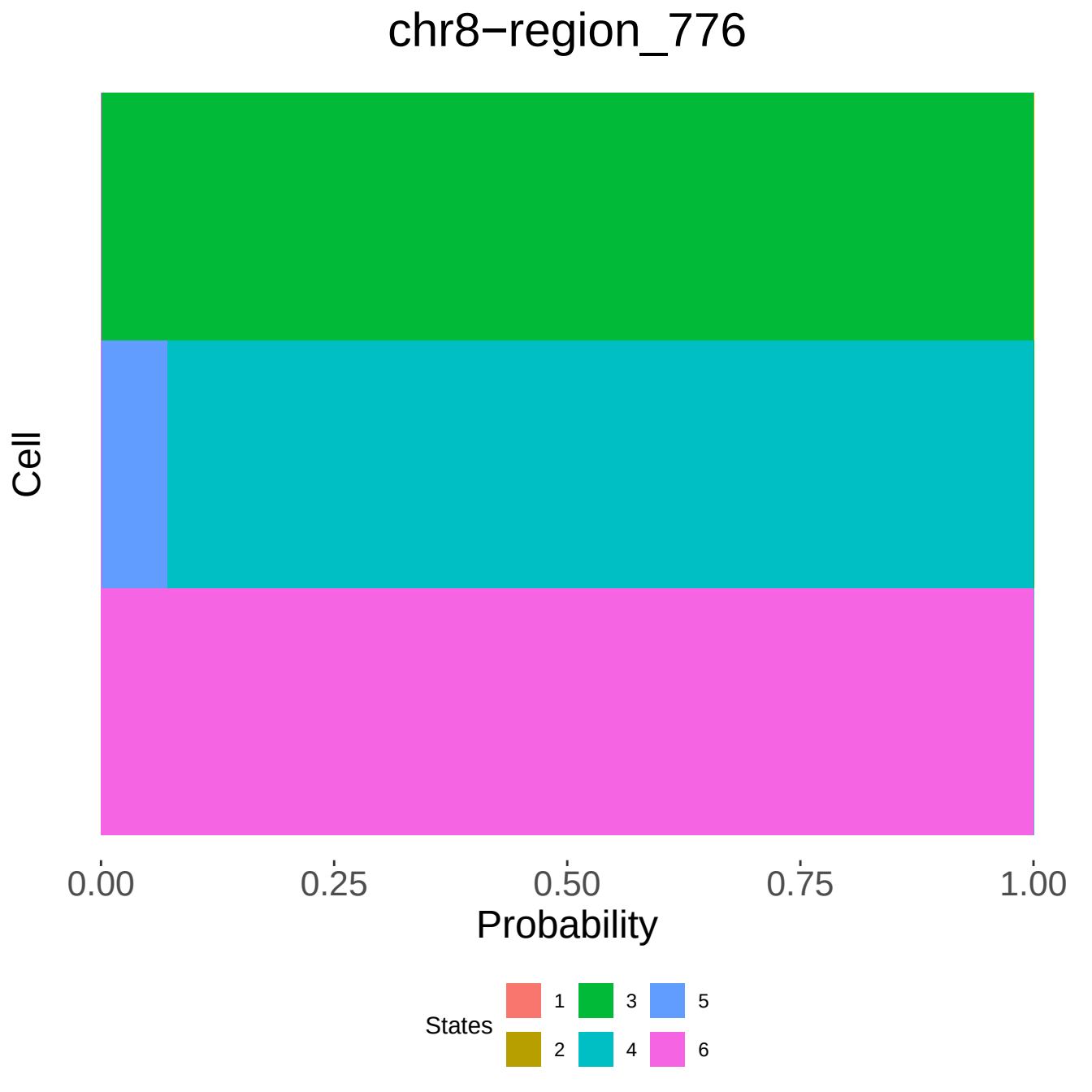
chr8−region_776
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Probability
States
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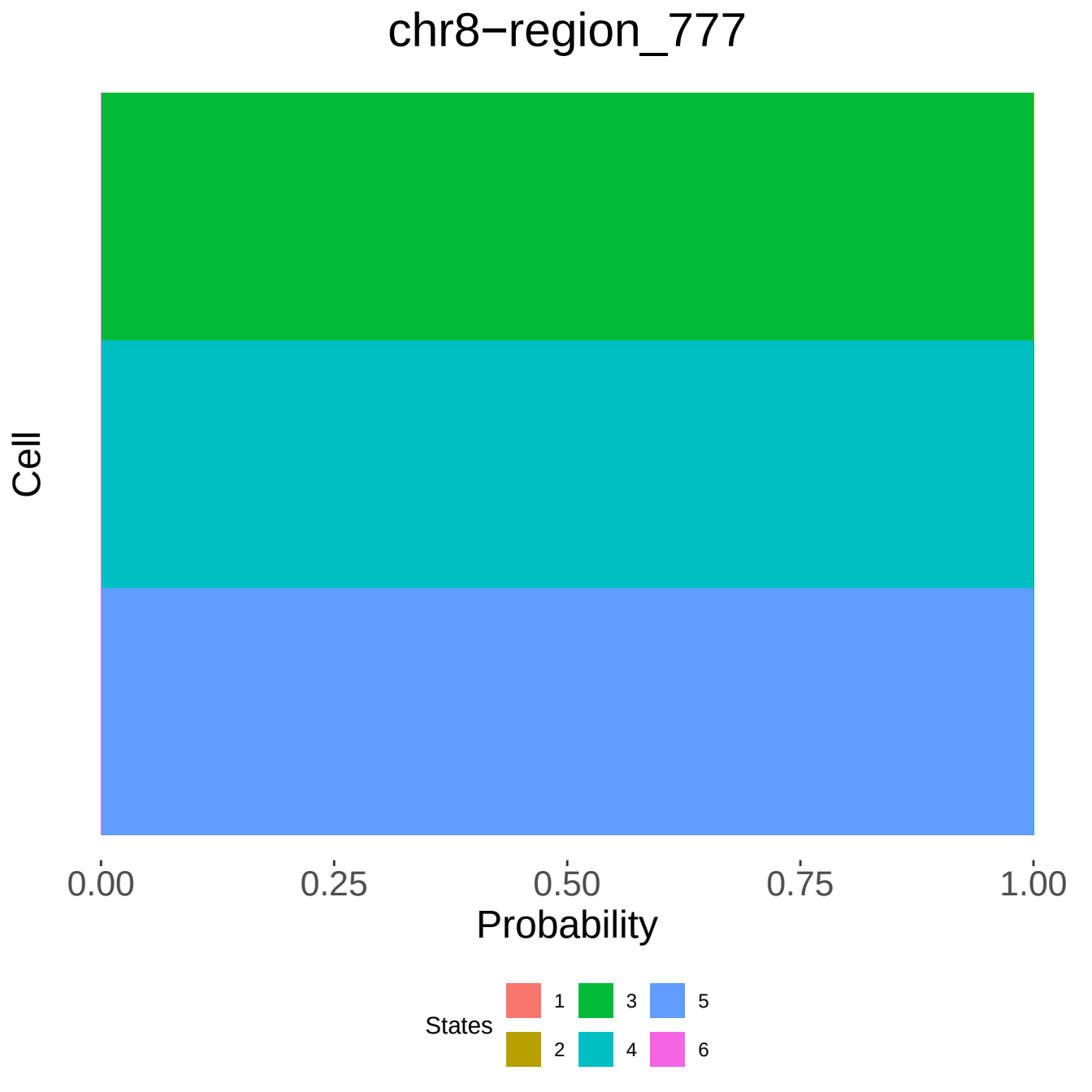
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Probability
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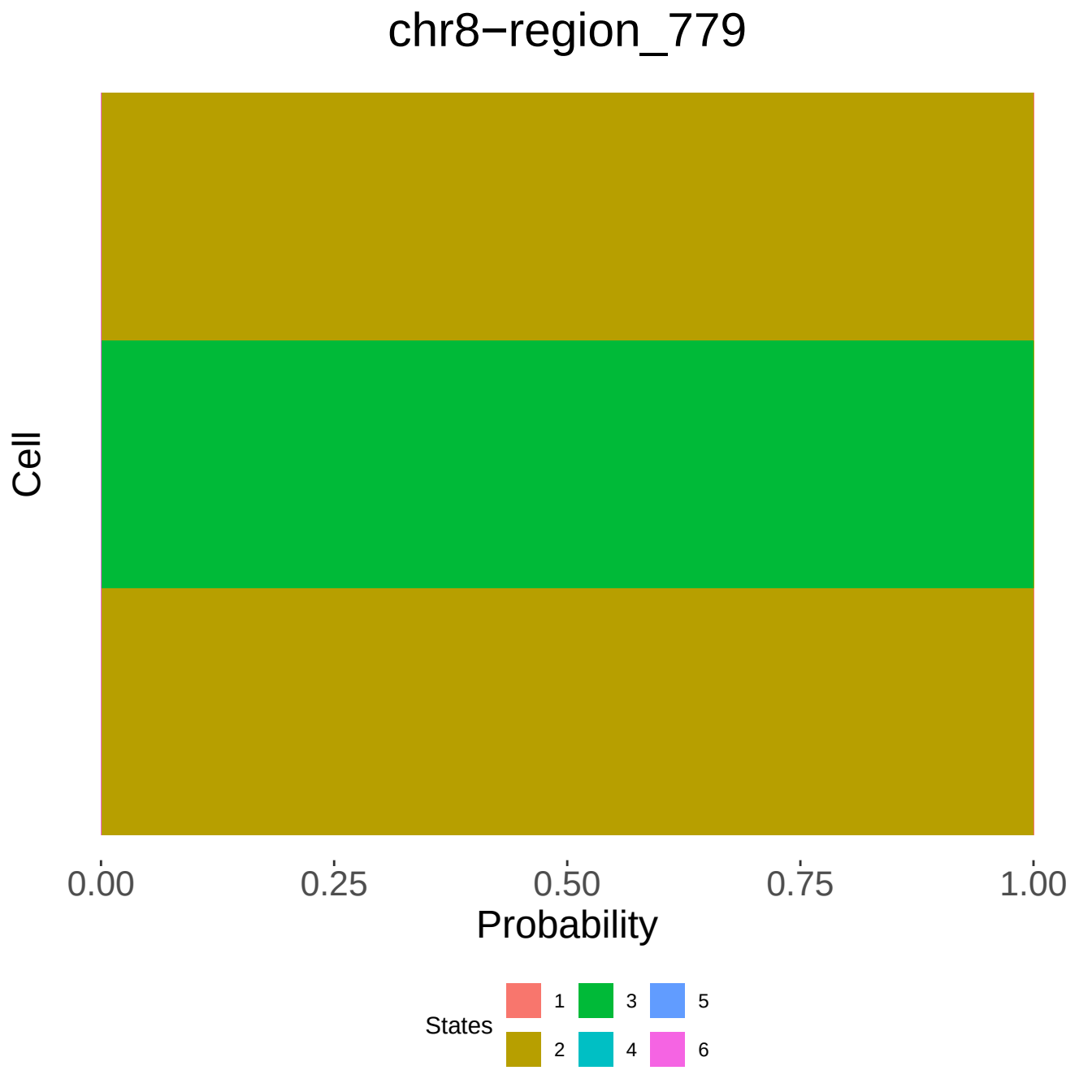
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Probability
States
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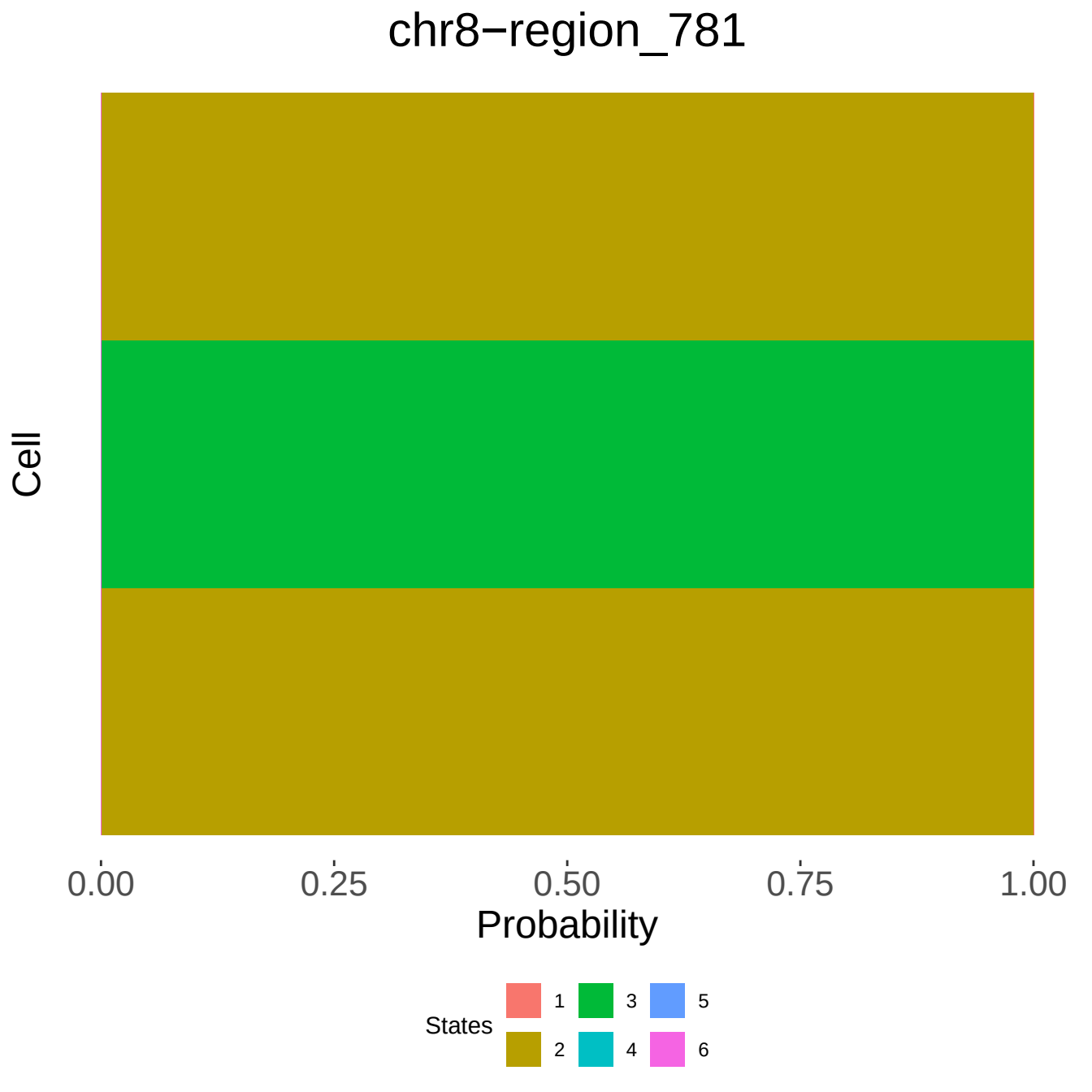
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Probability
States
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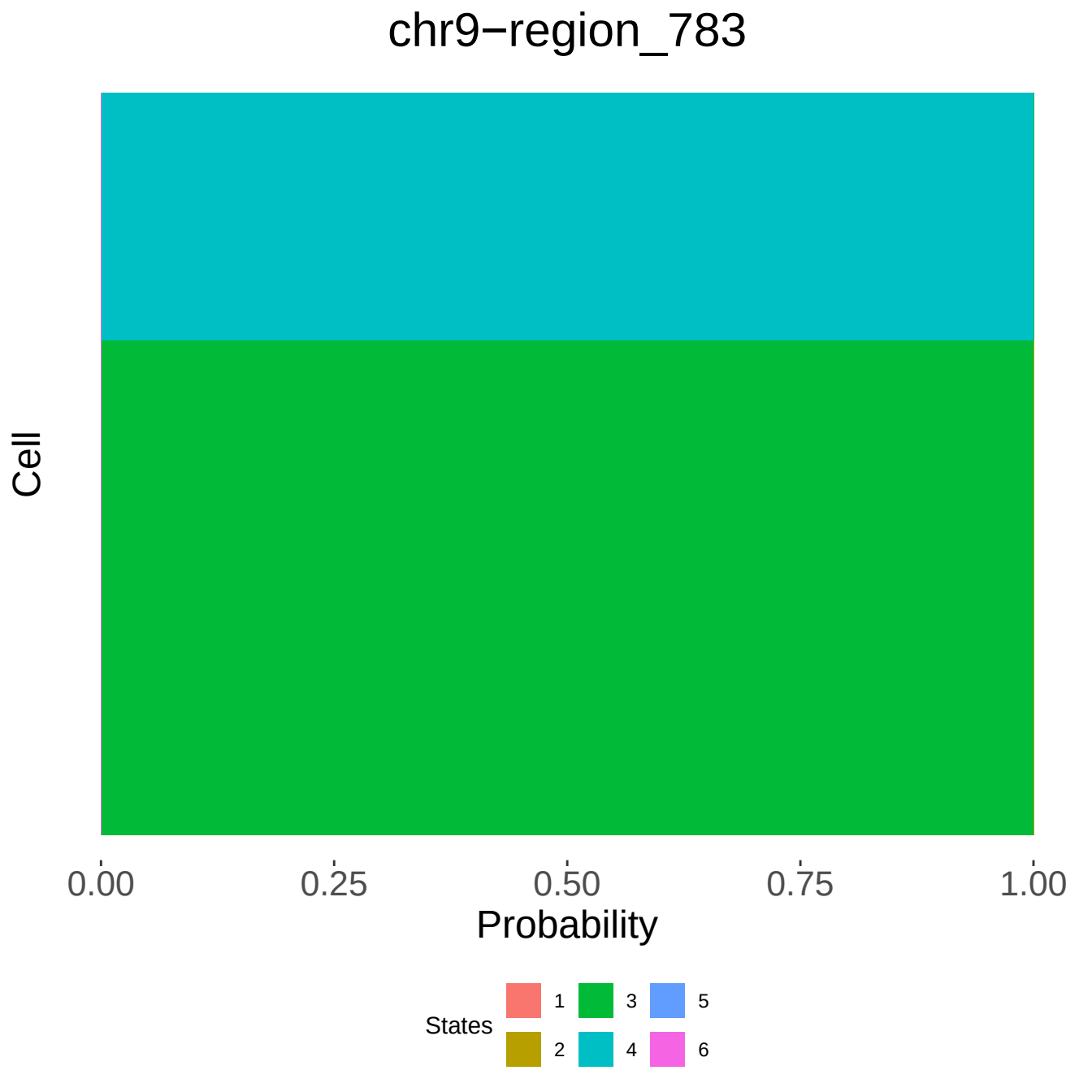
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Probability
States
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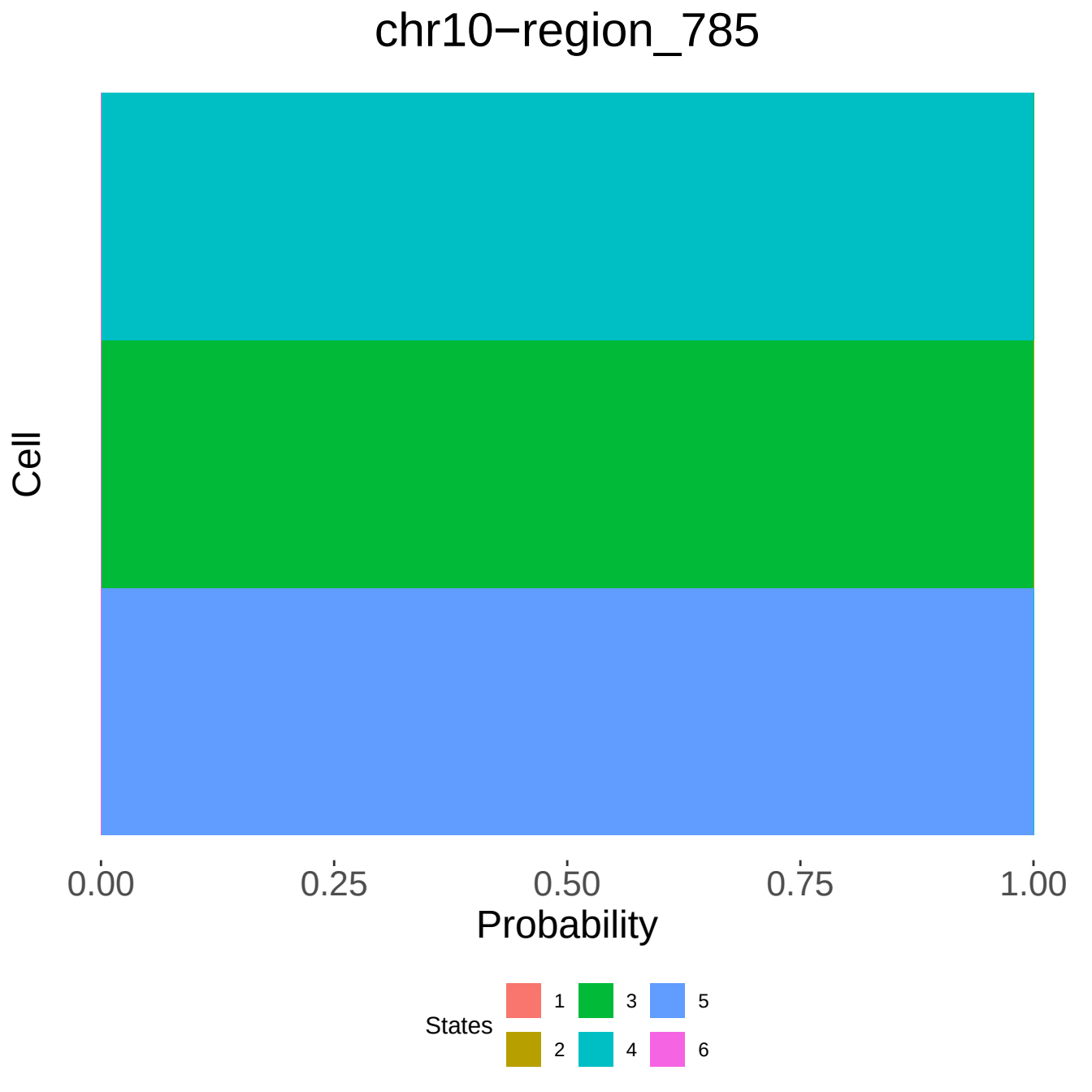
chr10−region_785
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Probability
States
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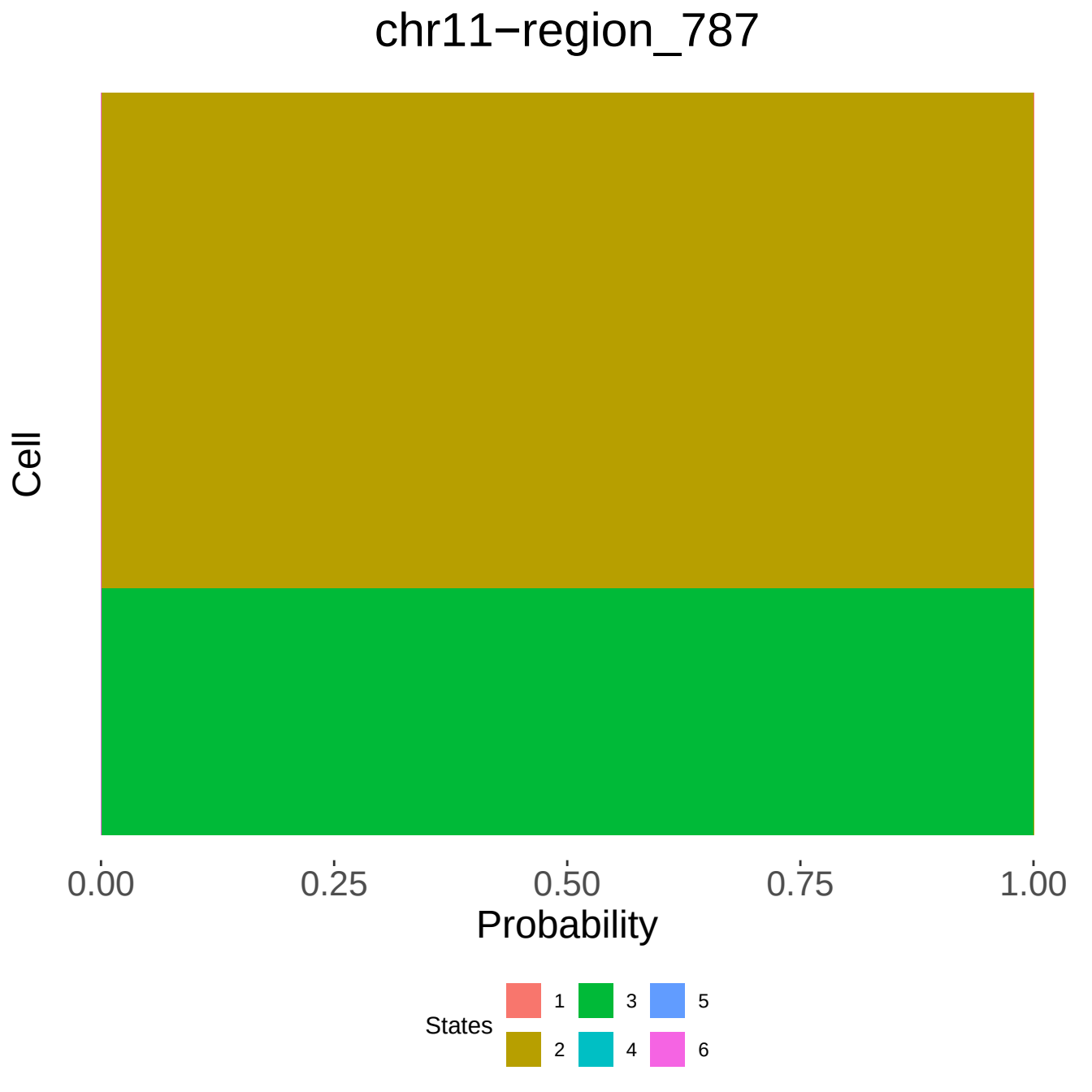
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Probability
States
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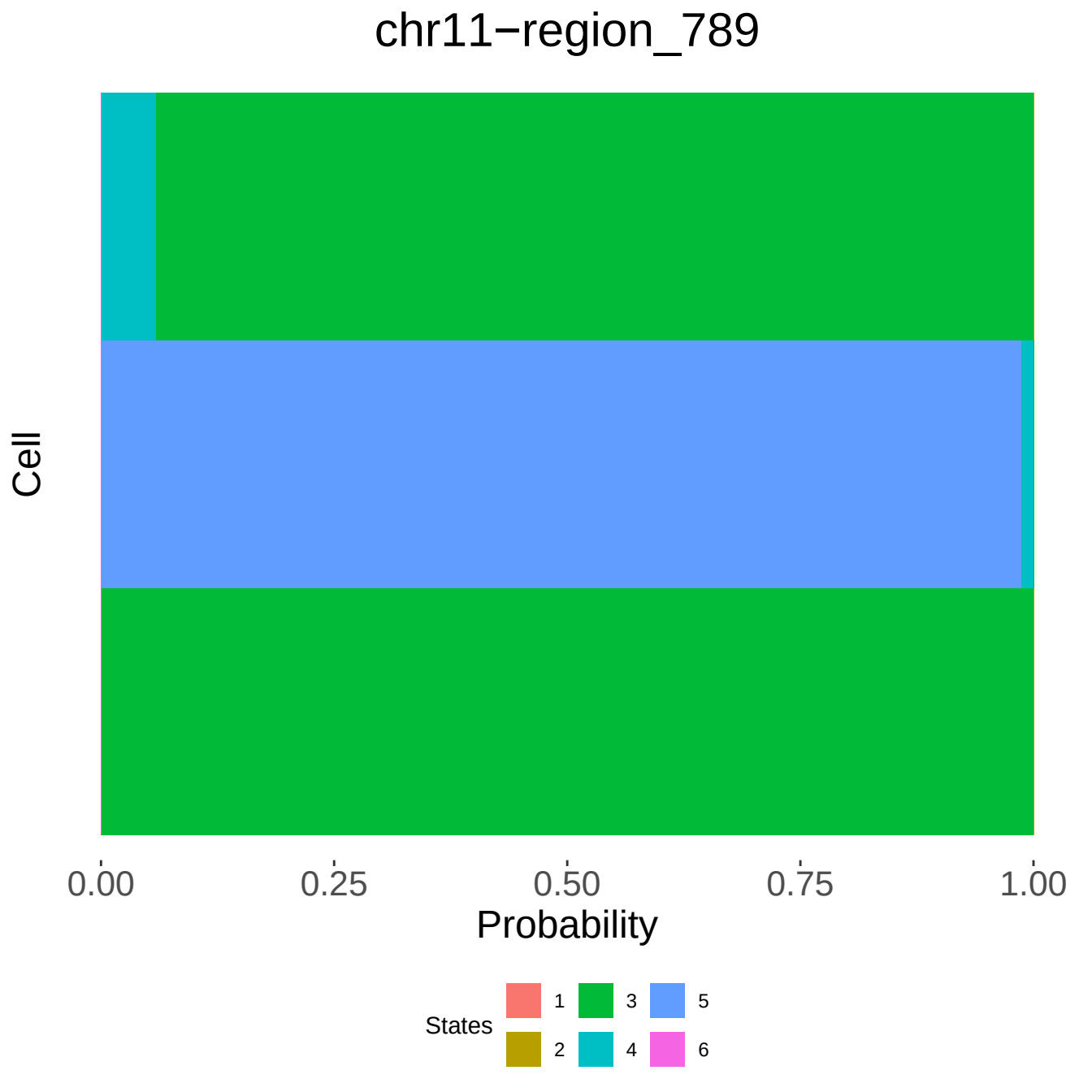
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Probability
States
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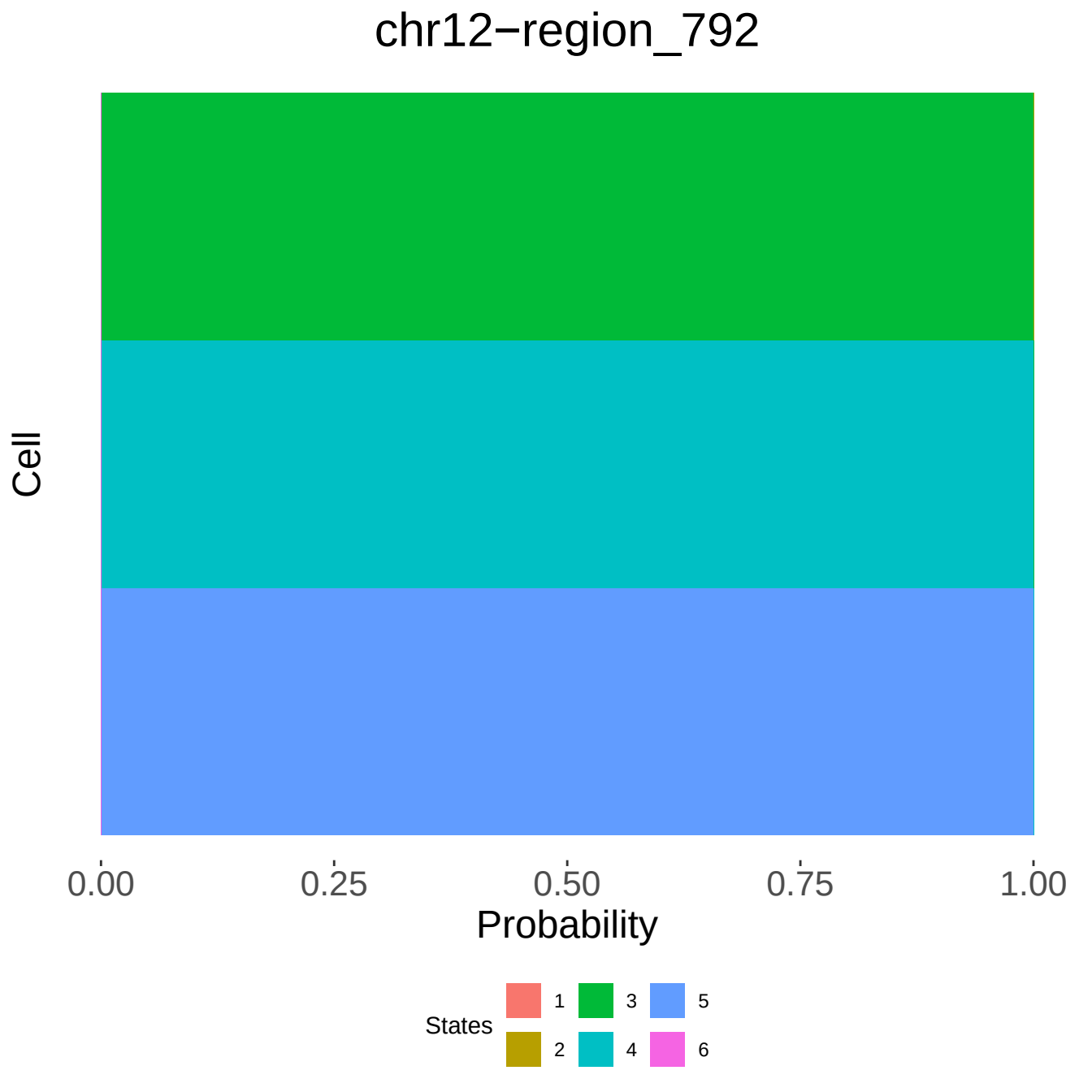
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Probability
States
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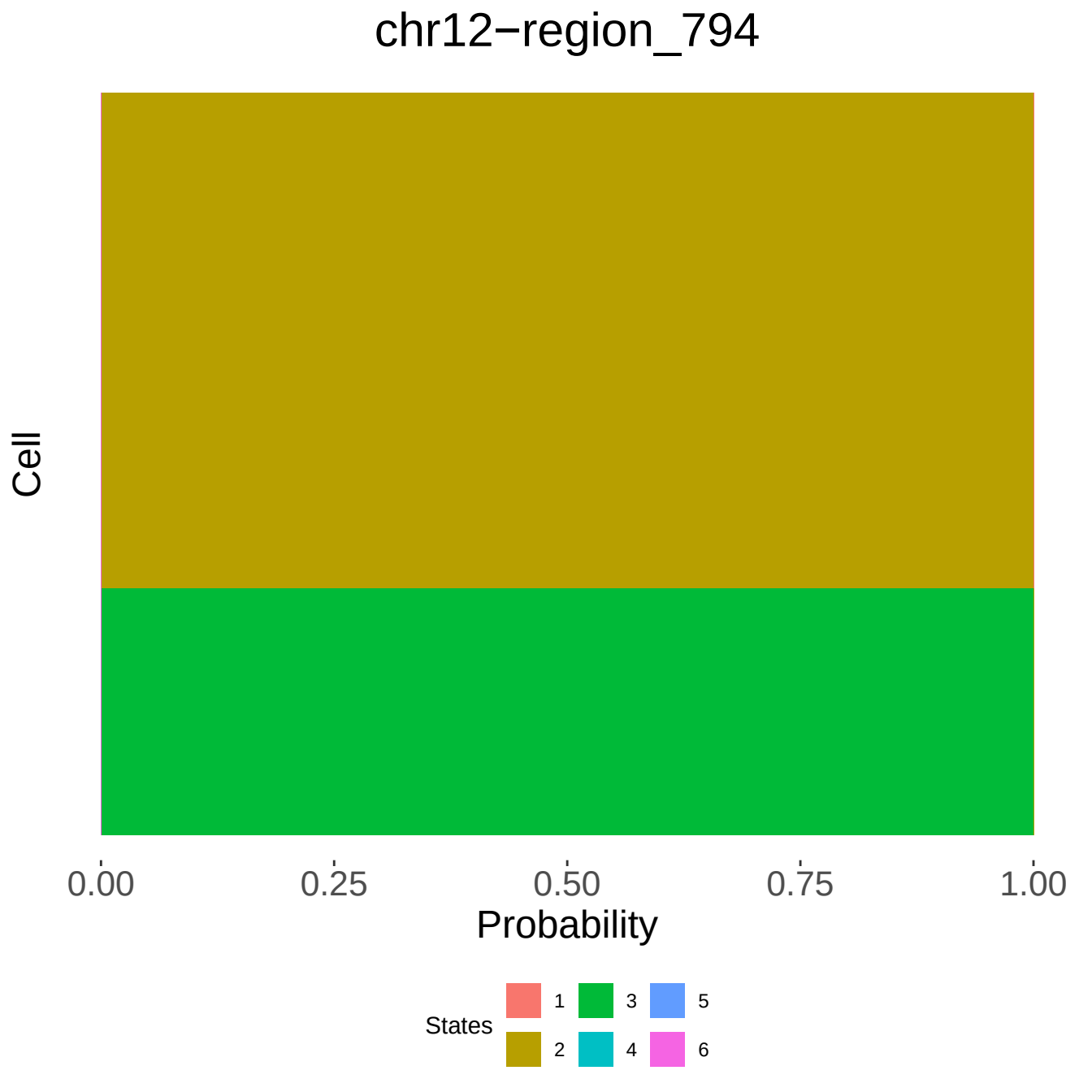
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Probability
States
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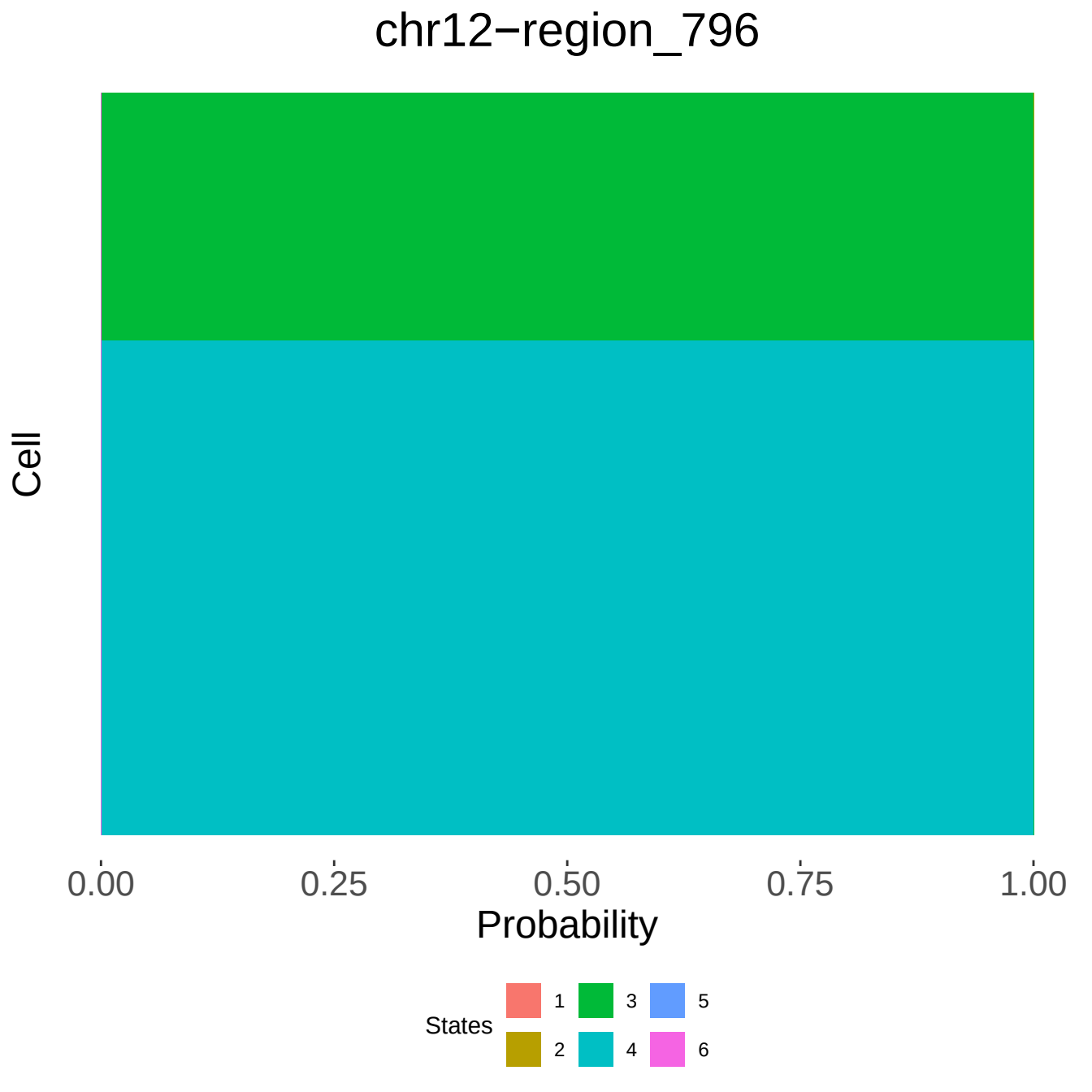
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Probability
States
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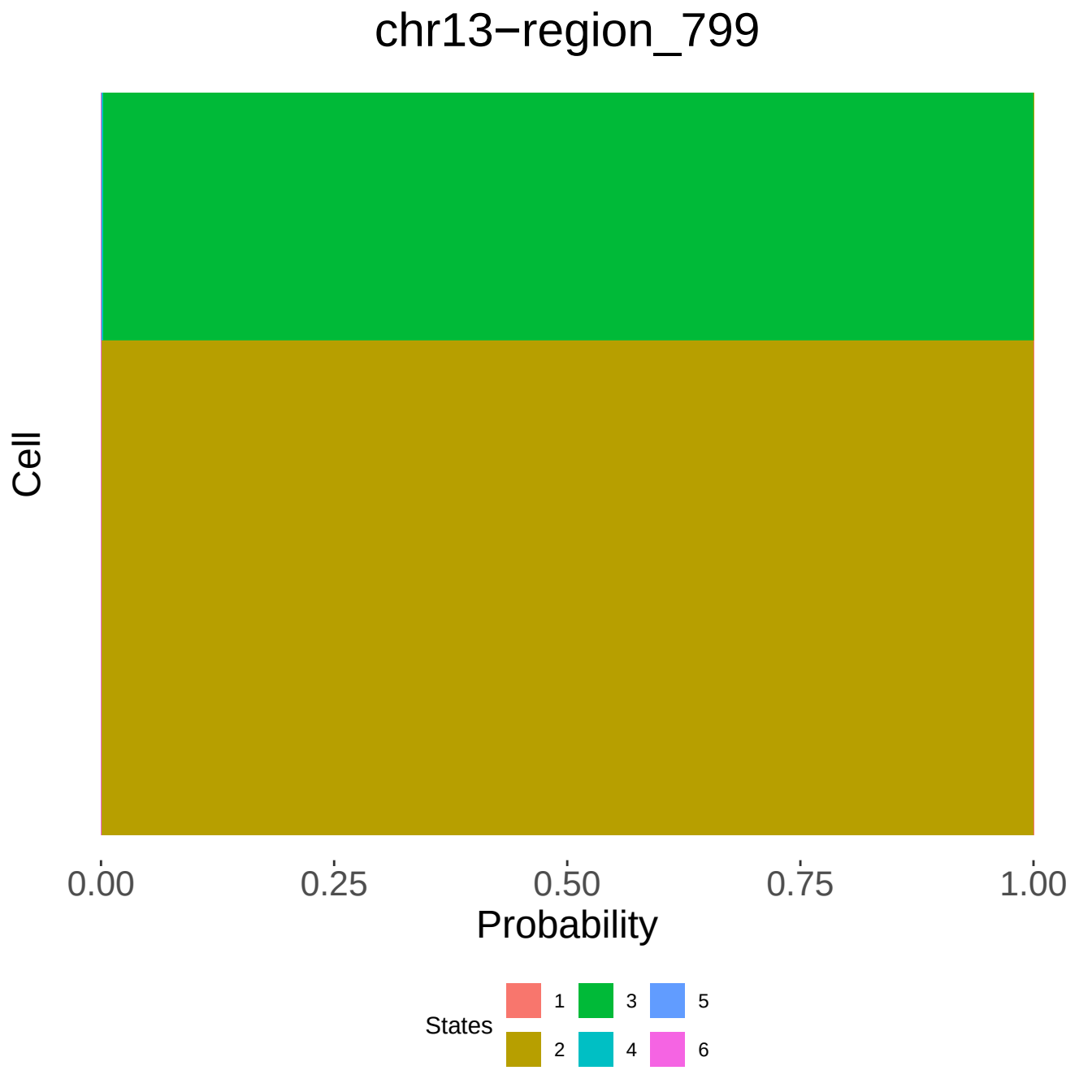
chr13−region_799
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Probability
States
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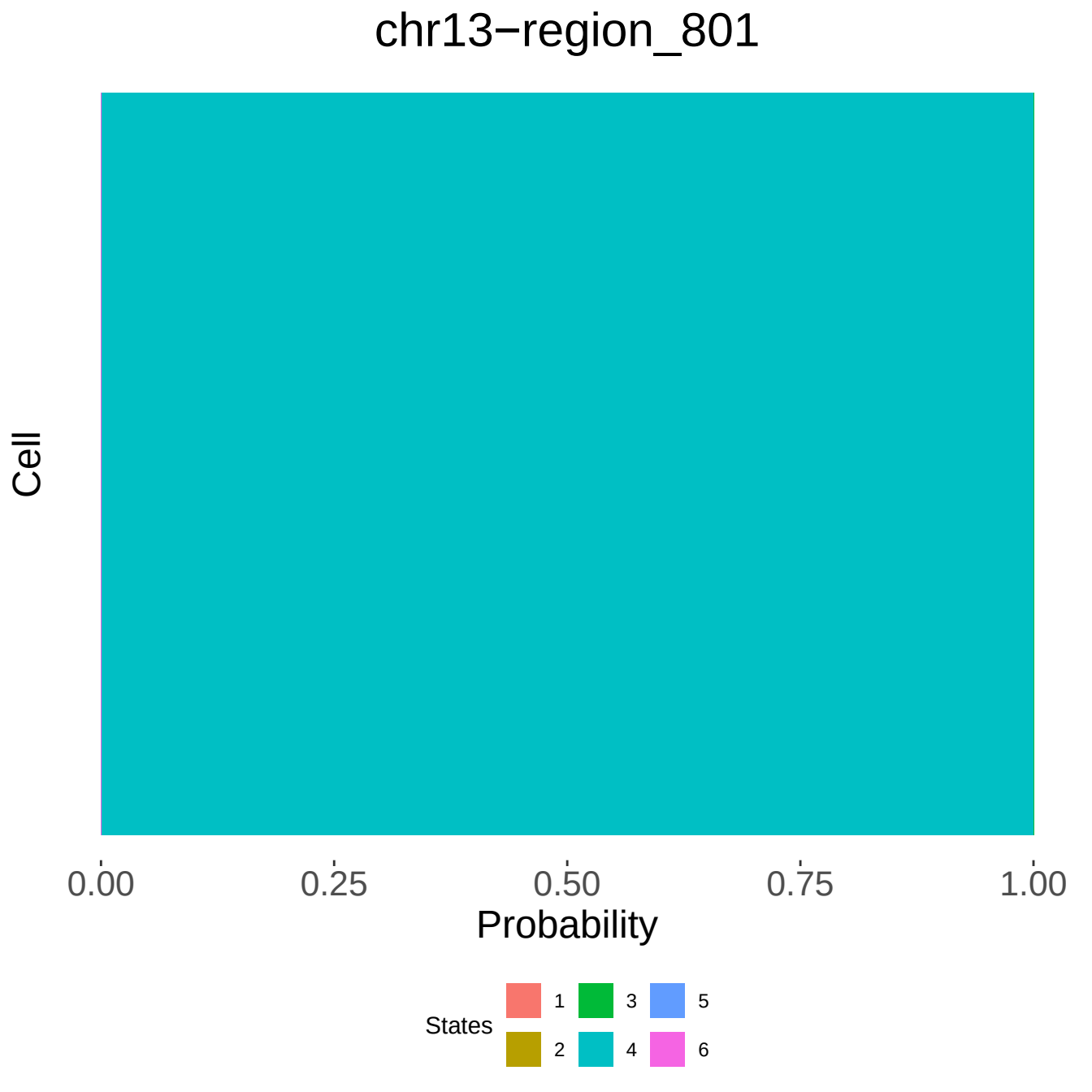
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Probability
States
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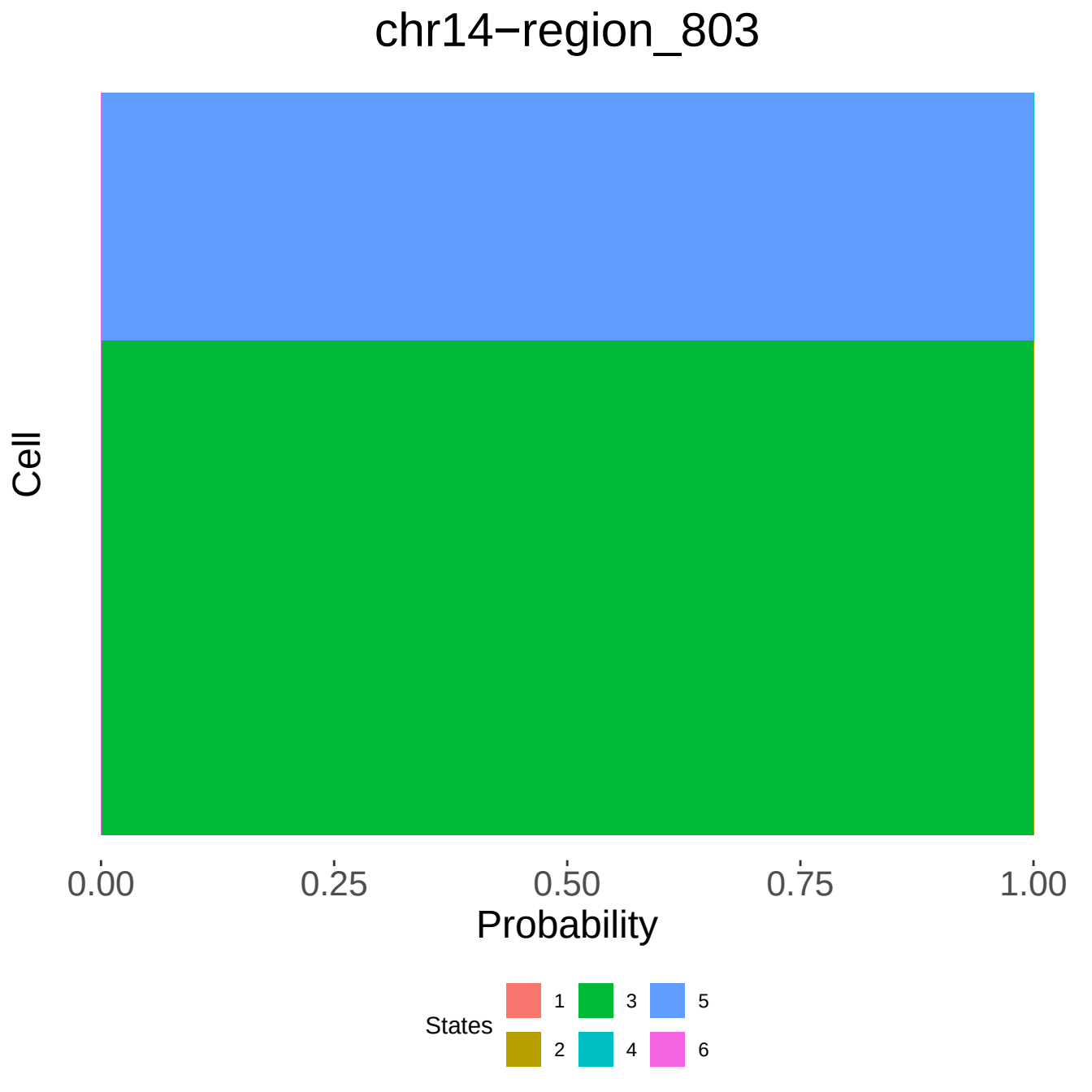
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Probability
States
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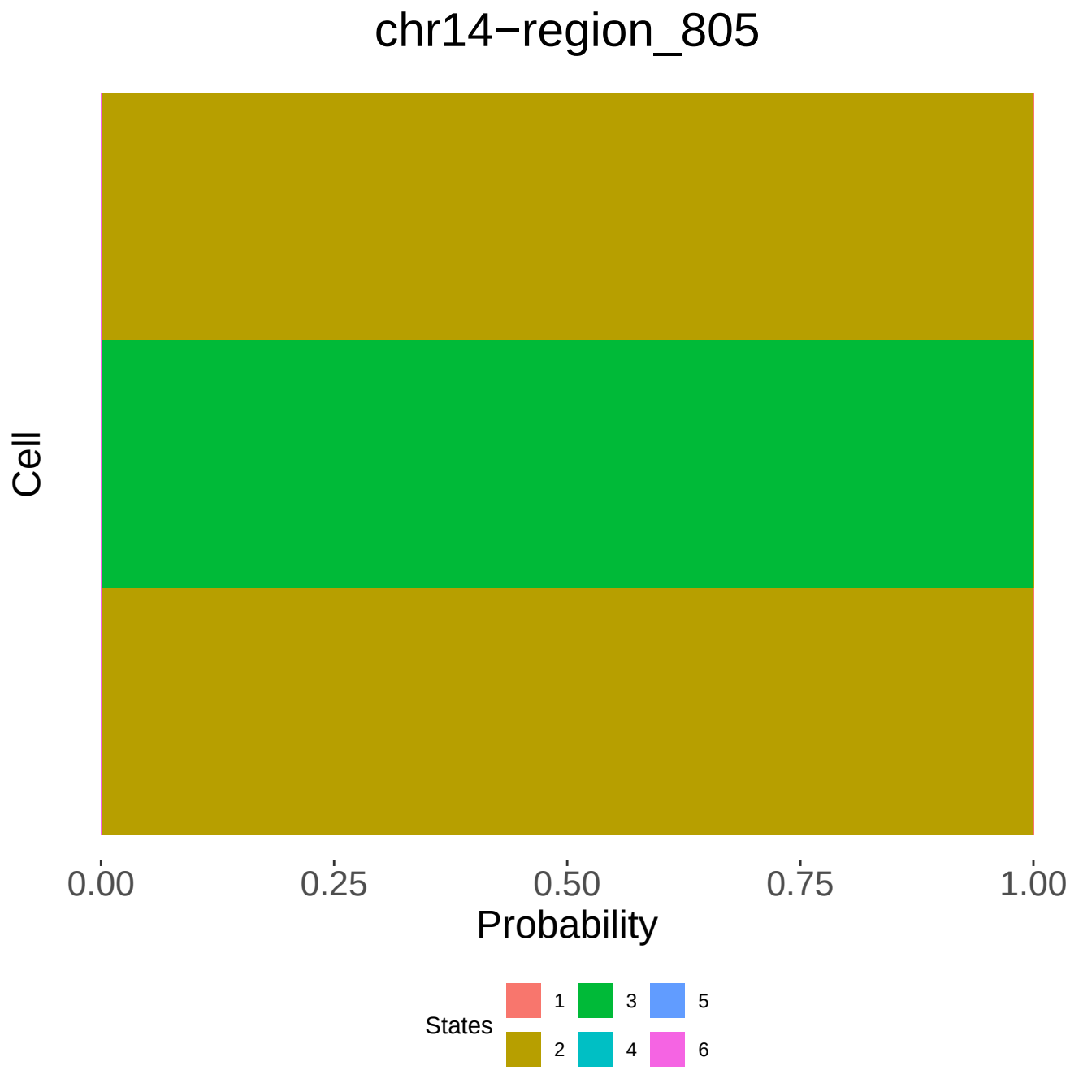
chr14−region_805
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Probability
States
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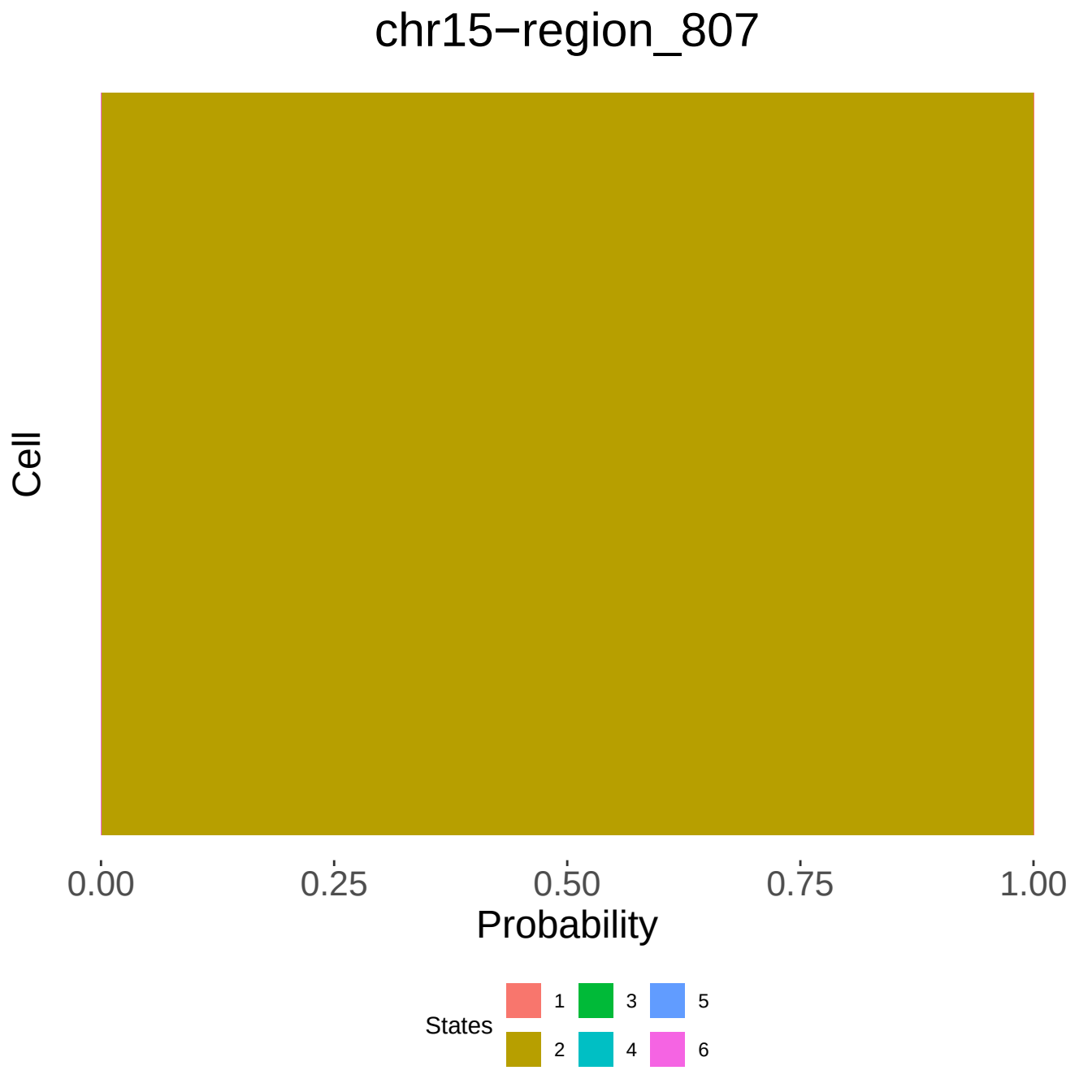
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Probability
States
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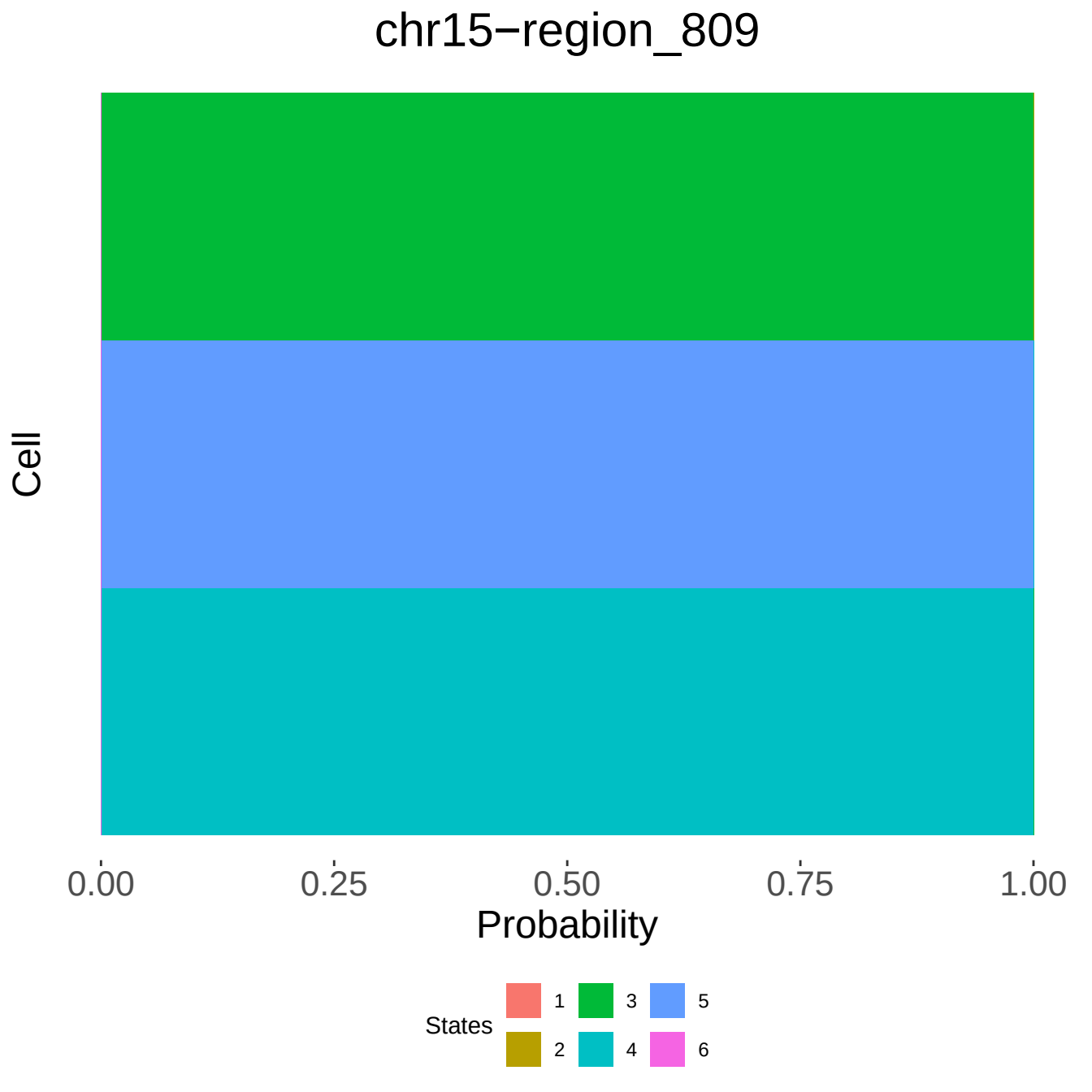
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Probability
States
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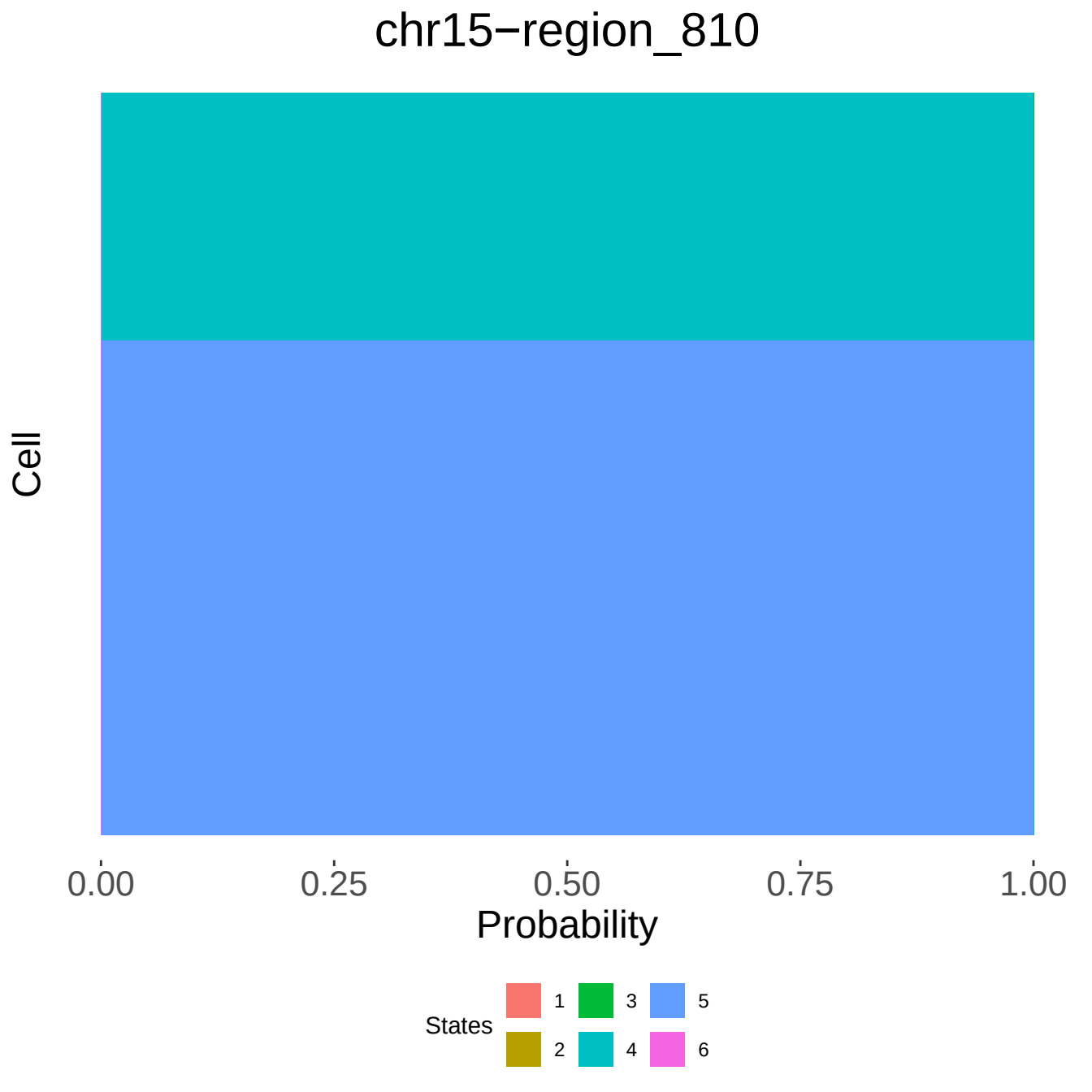
chr15−region_810
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Probability
States
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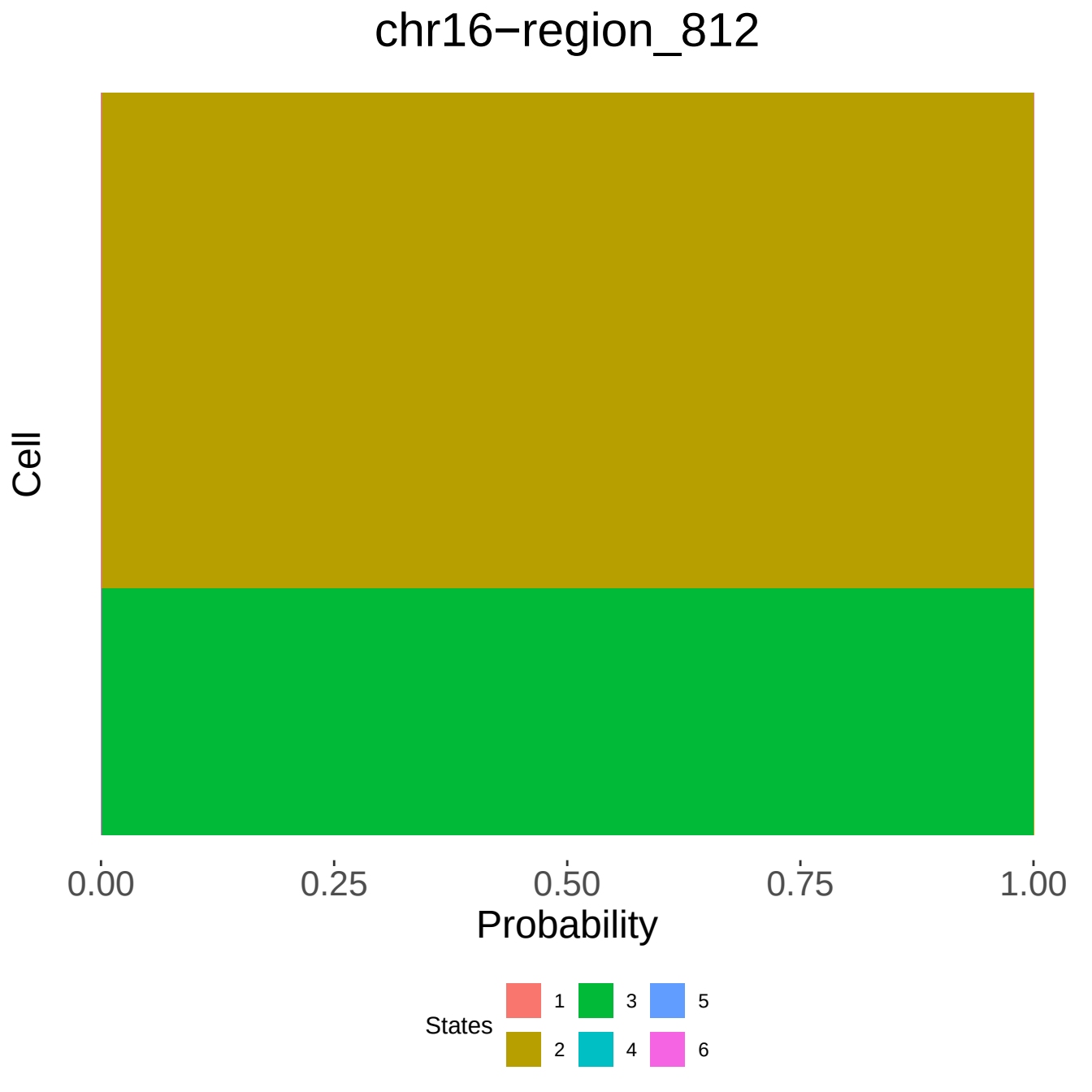
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Probability
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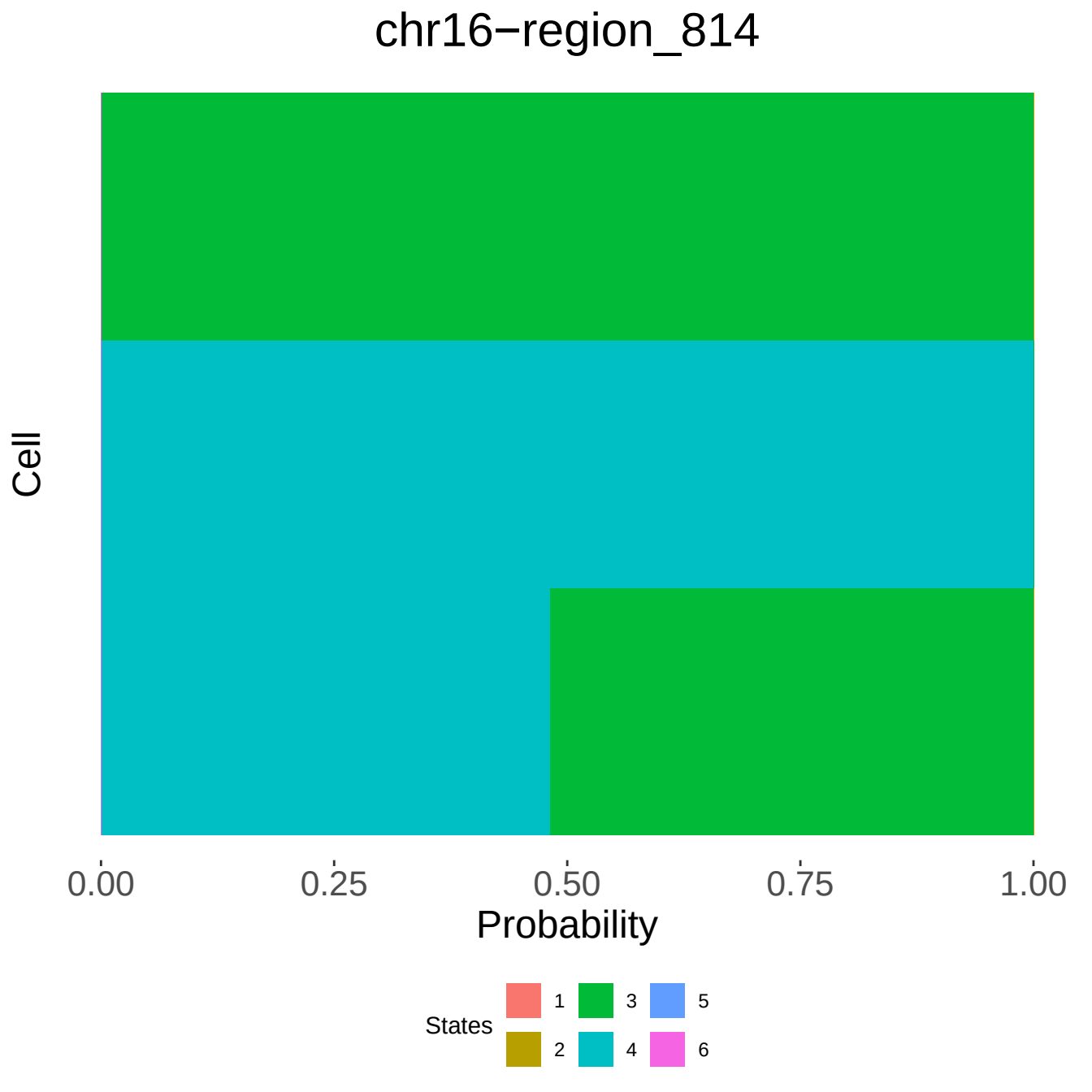
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Probability
States
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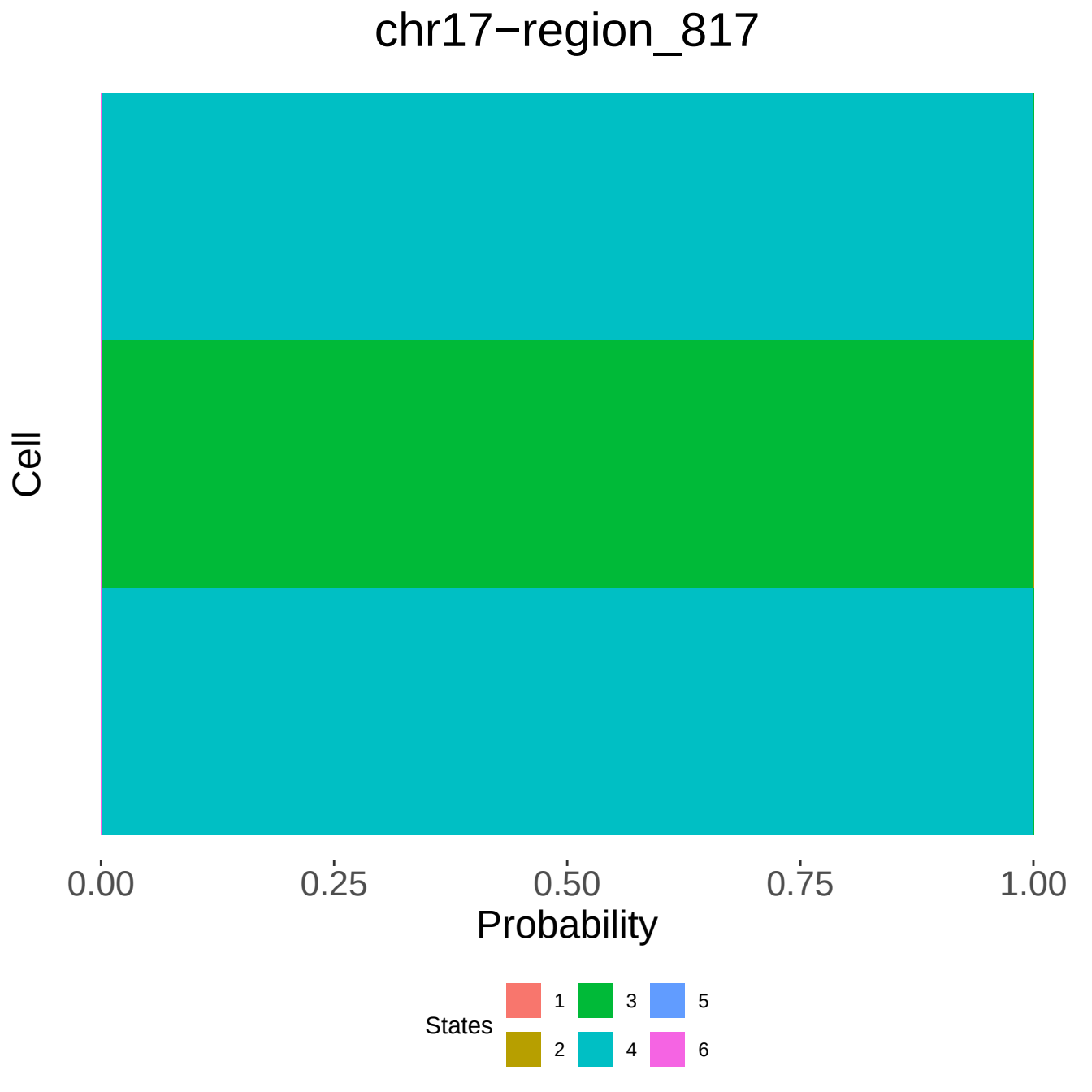
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Probability
States
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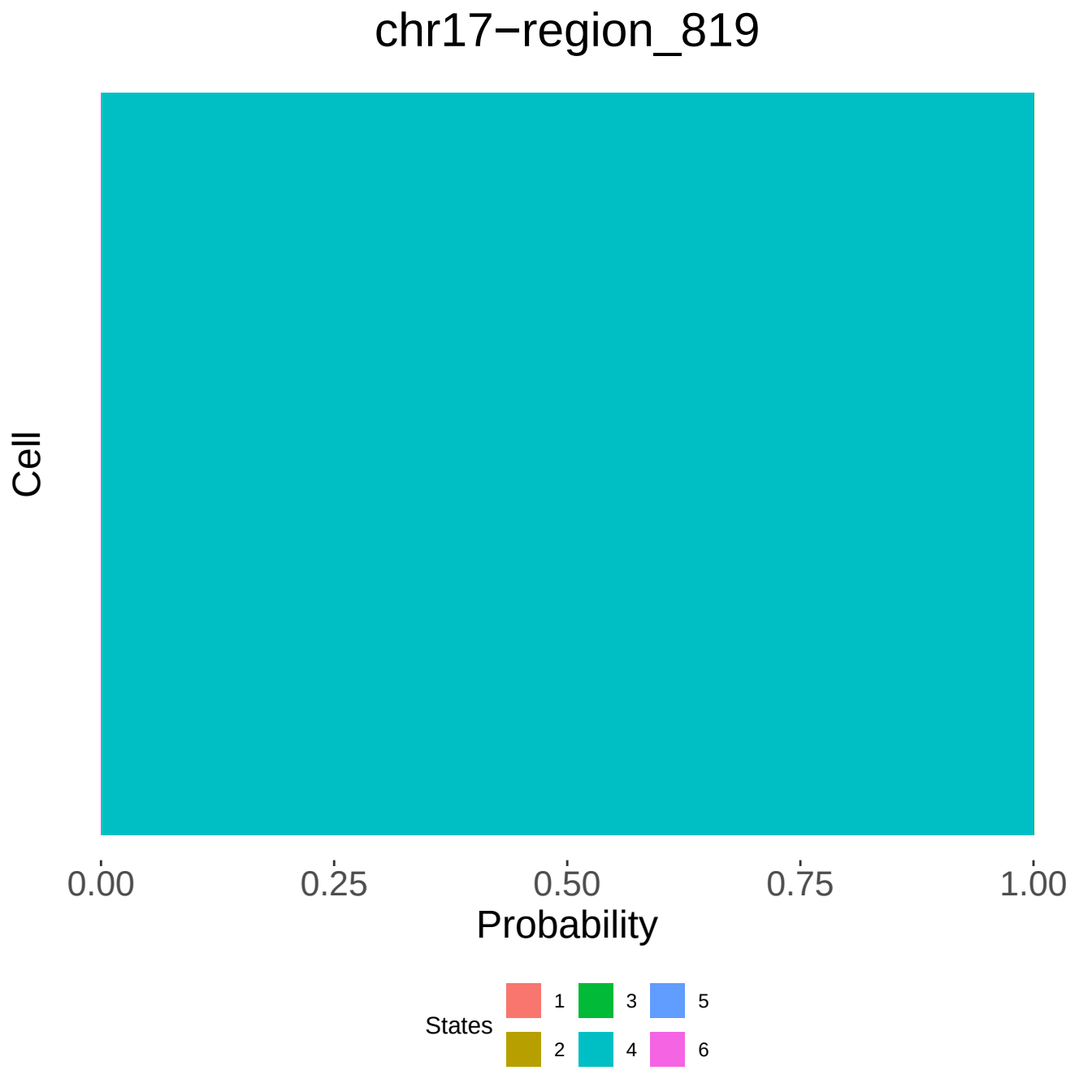
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Probability
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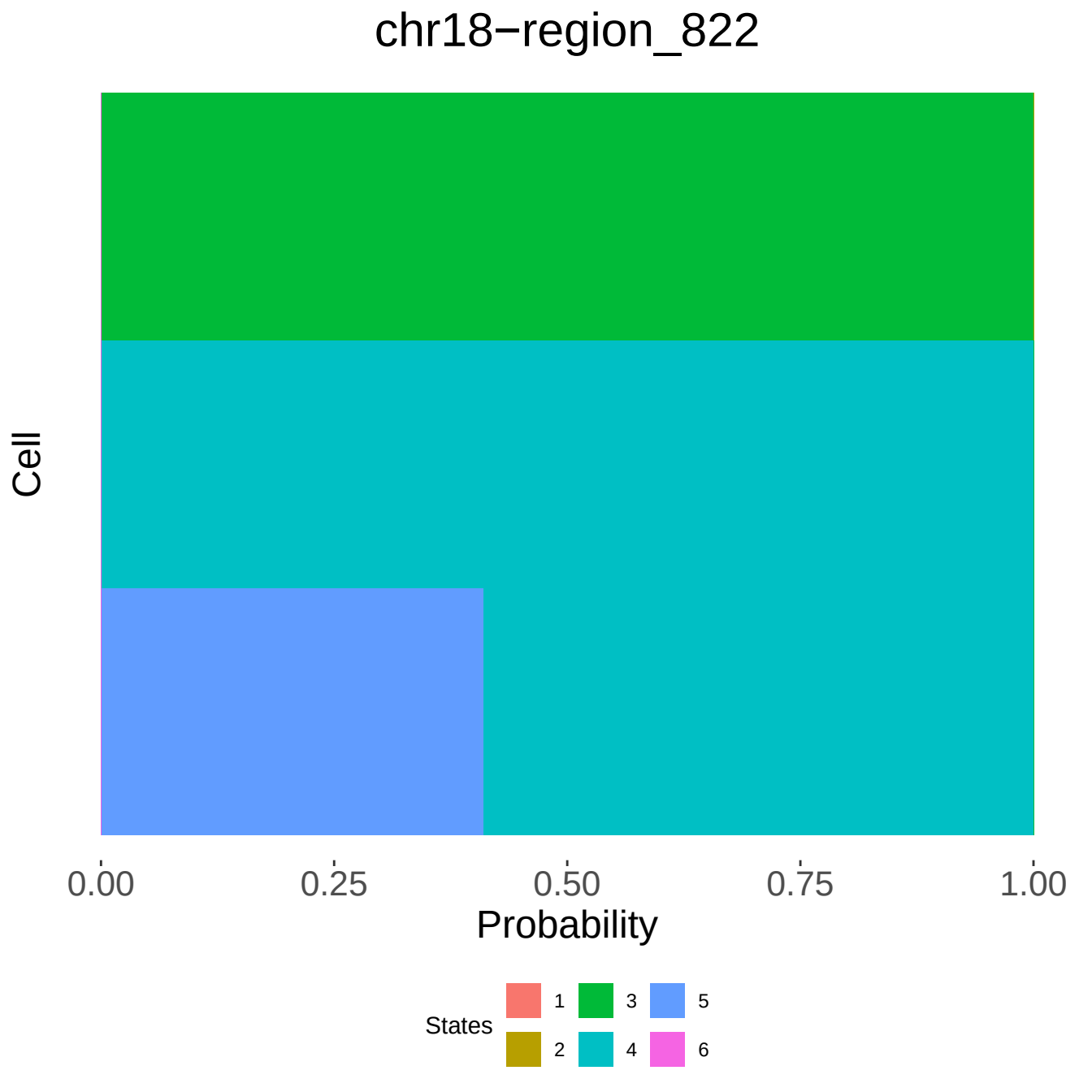
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Probability
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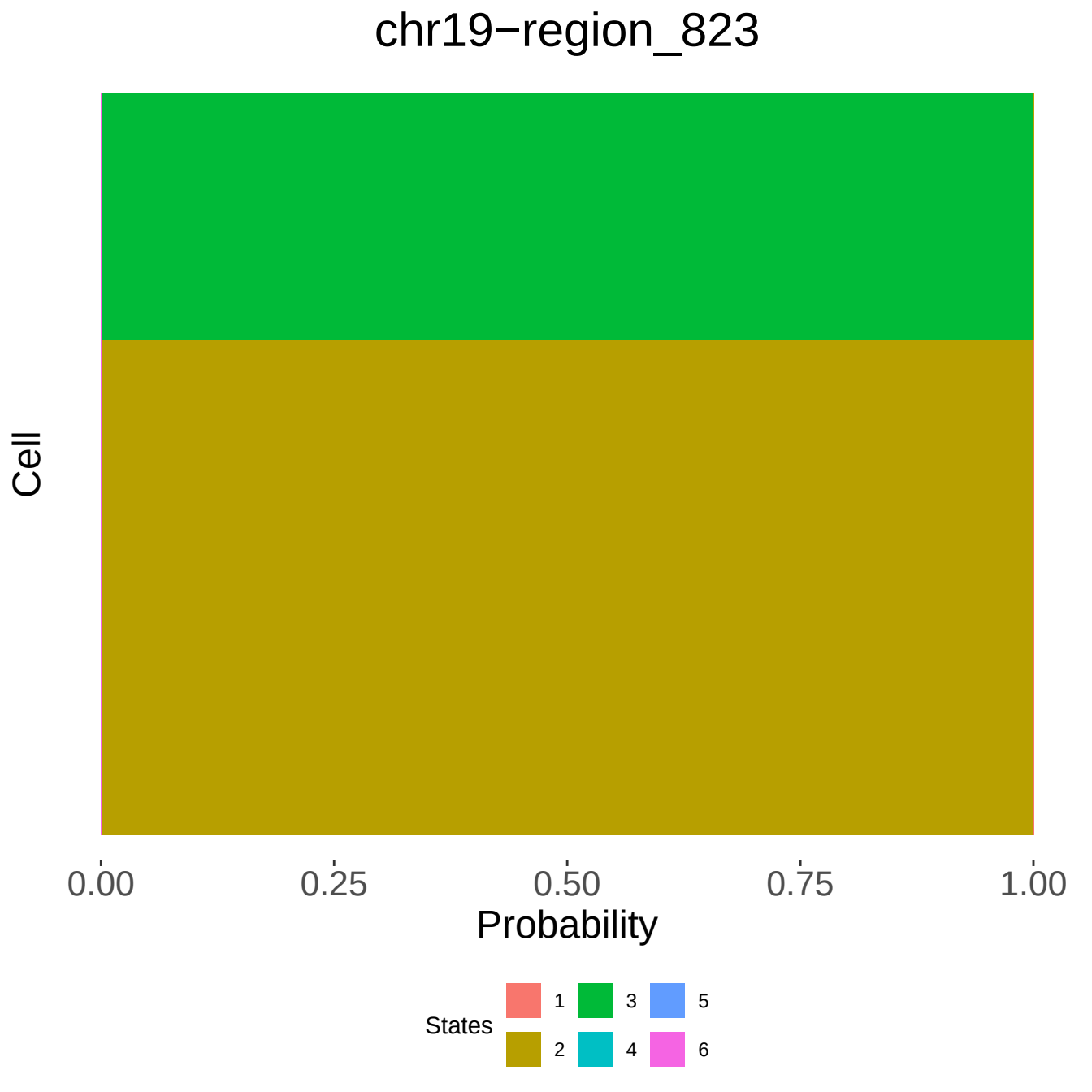
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Probability
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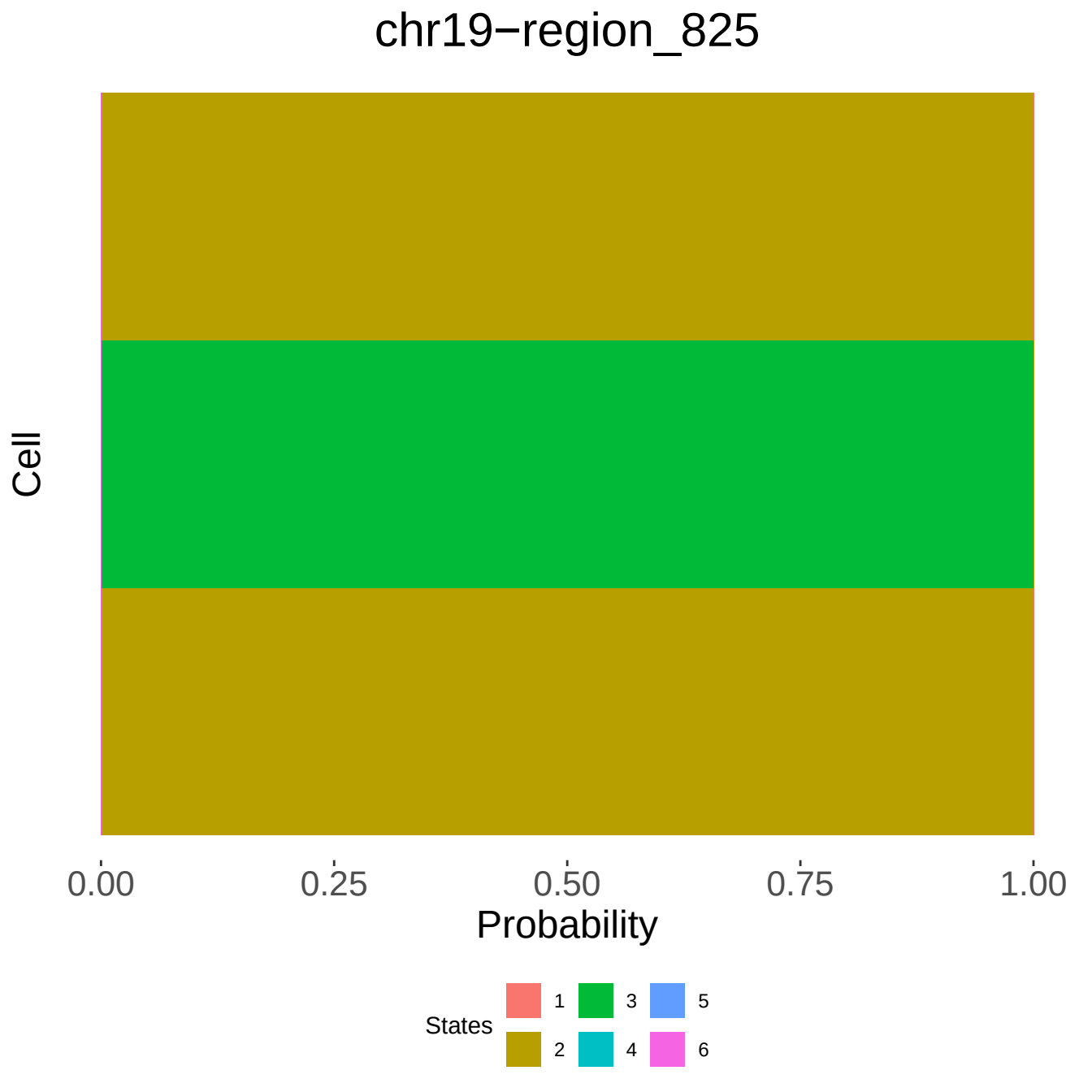
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Probability
States
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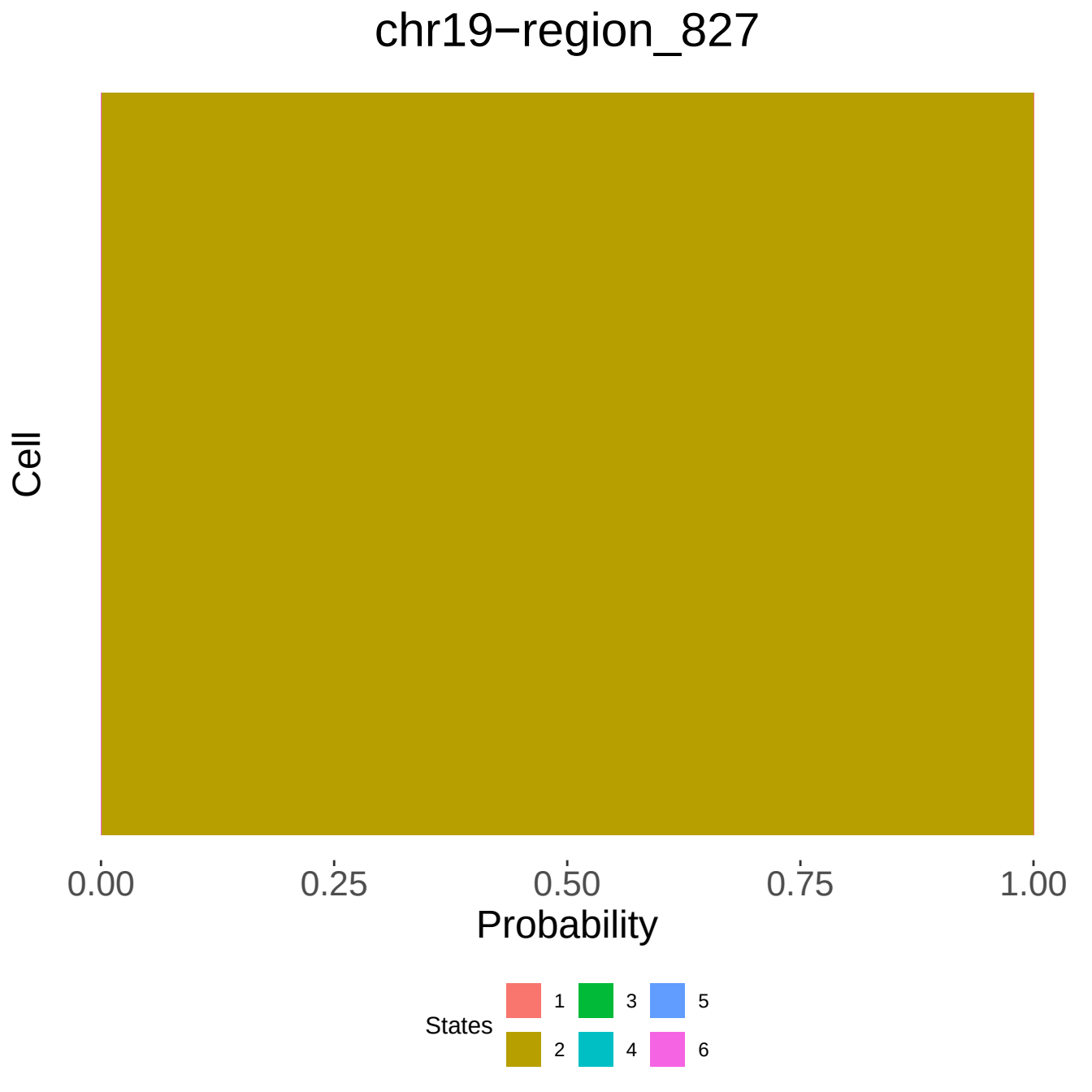
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Probability
States
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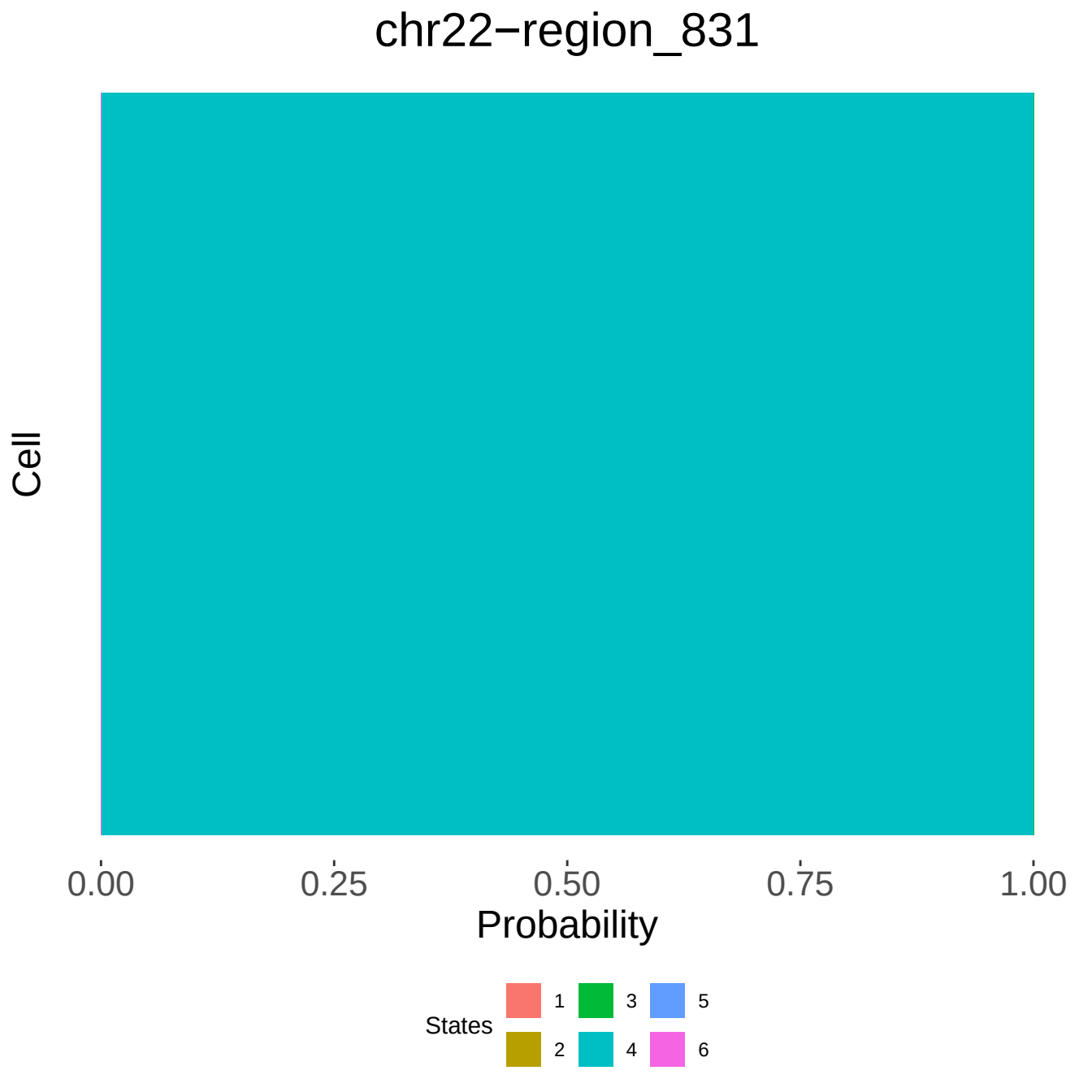
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Probability
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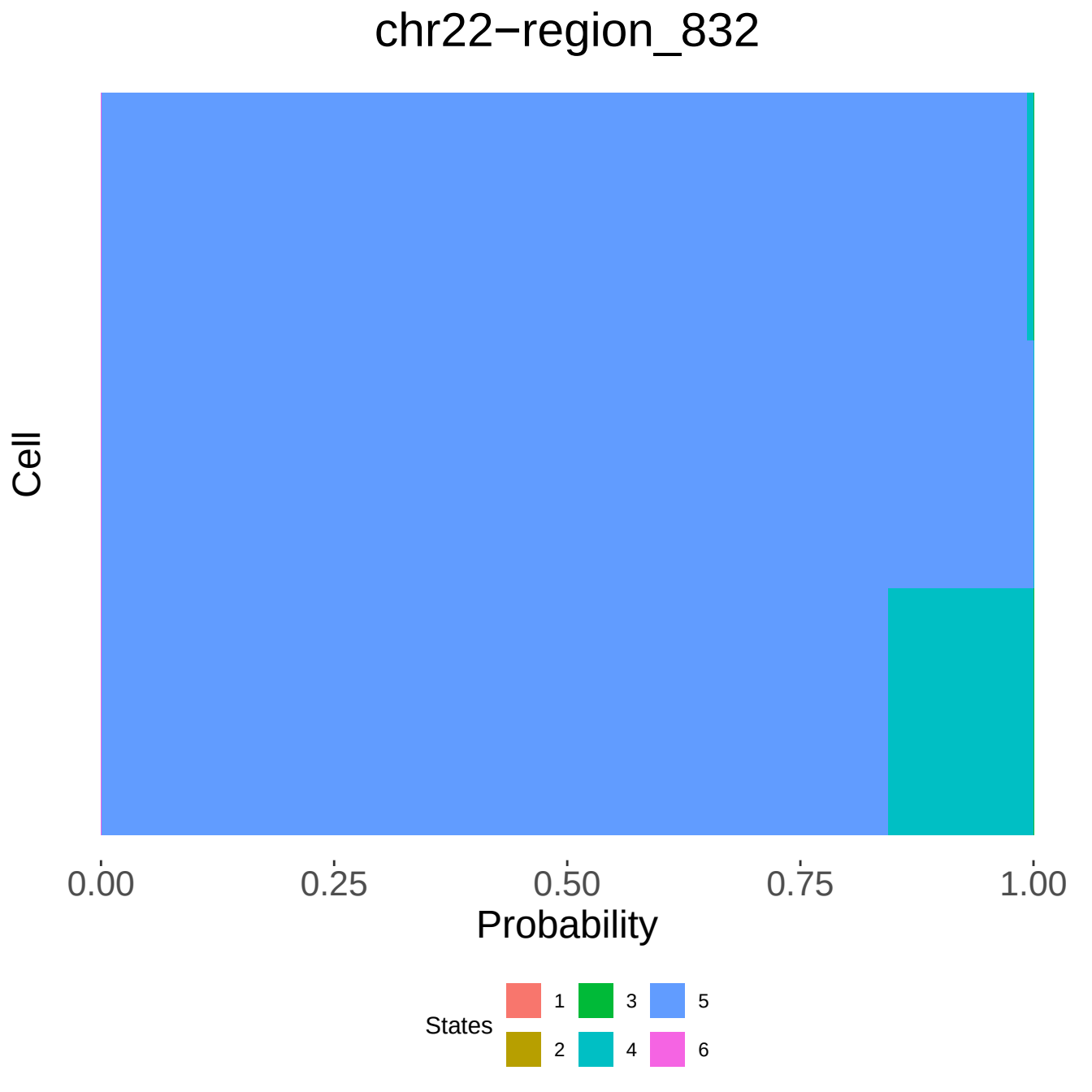
chr22−region_832
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Probability
States
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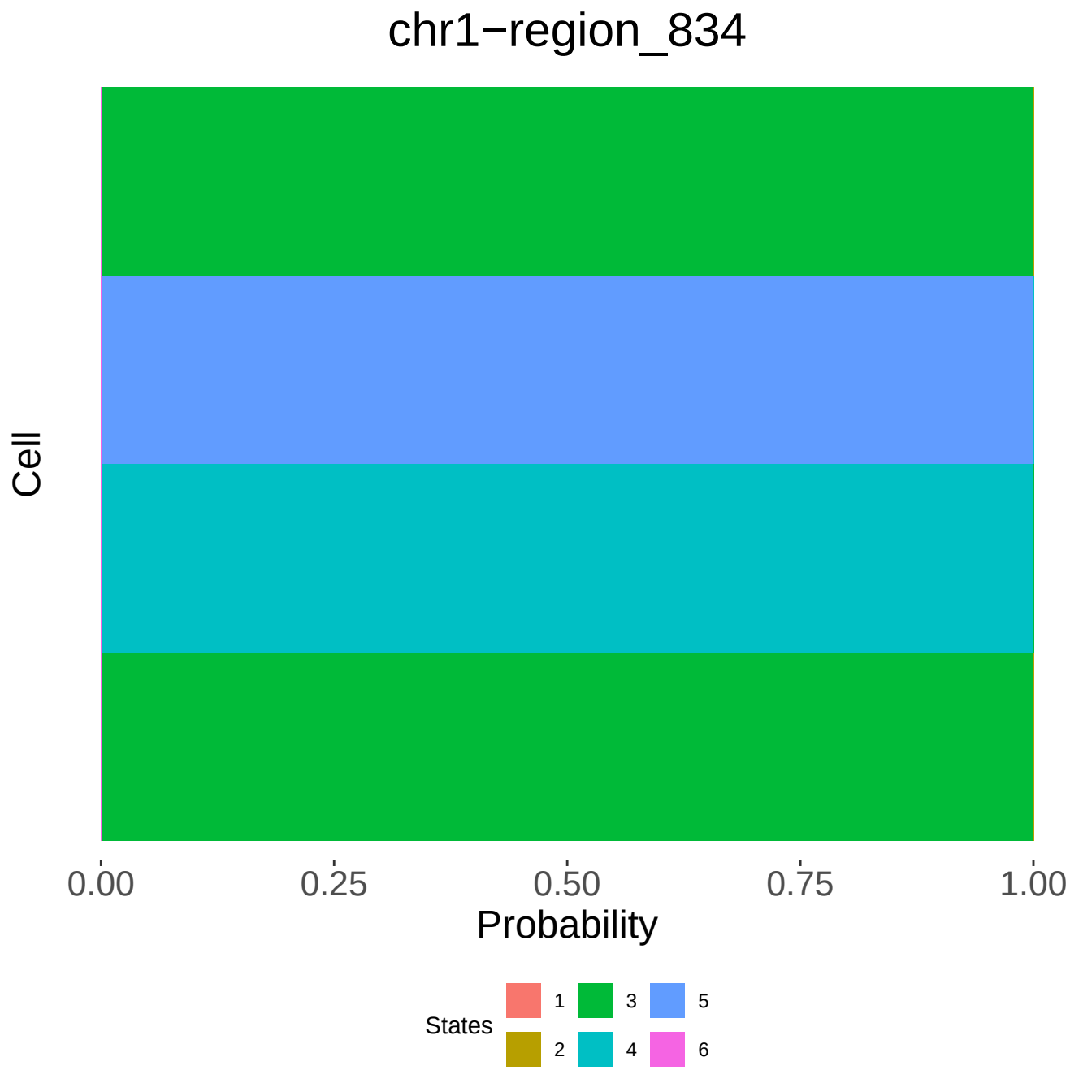
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Probability
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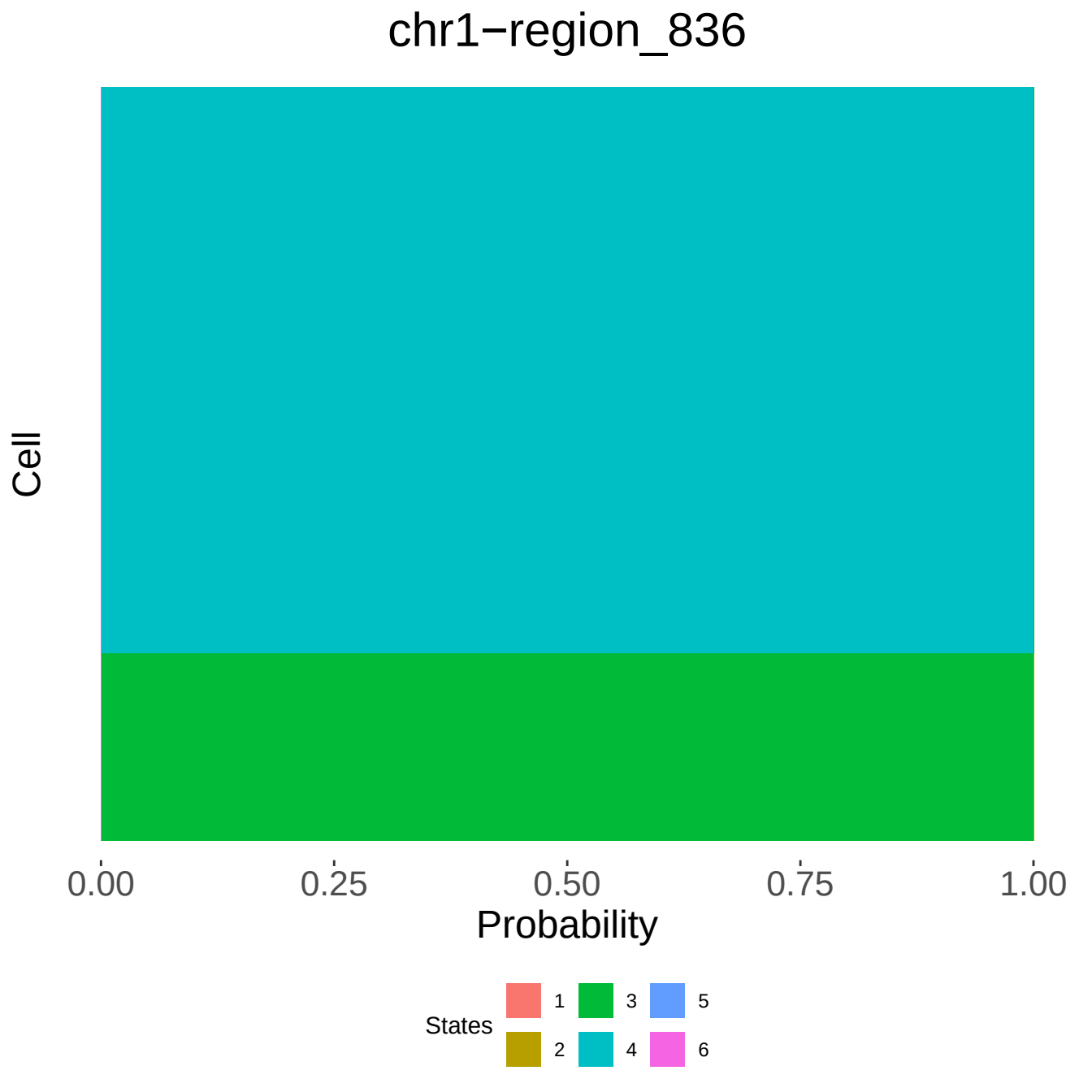
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Probability
States
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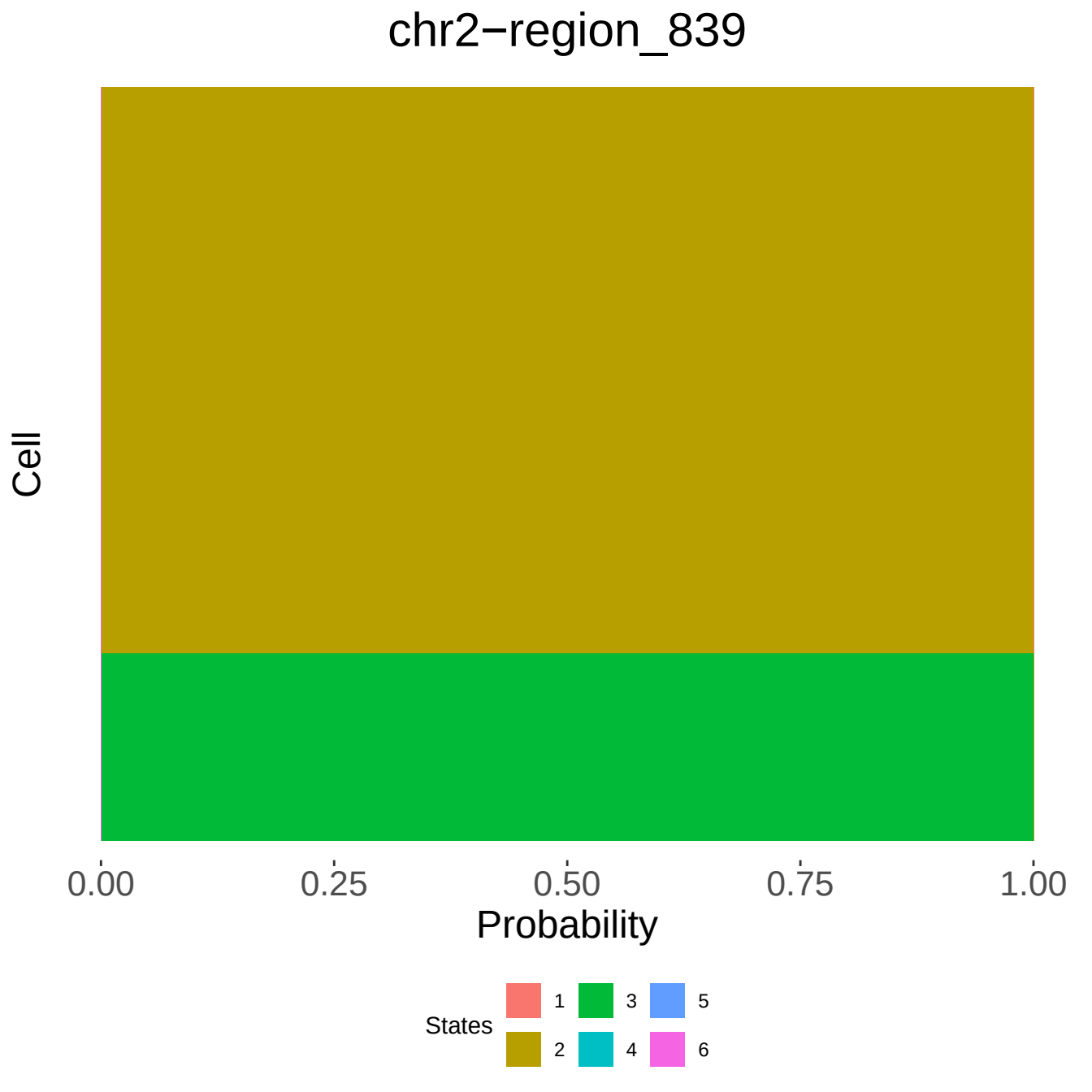
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Probability
States
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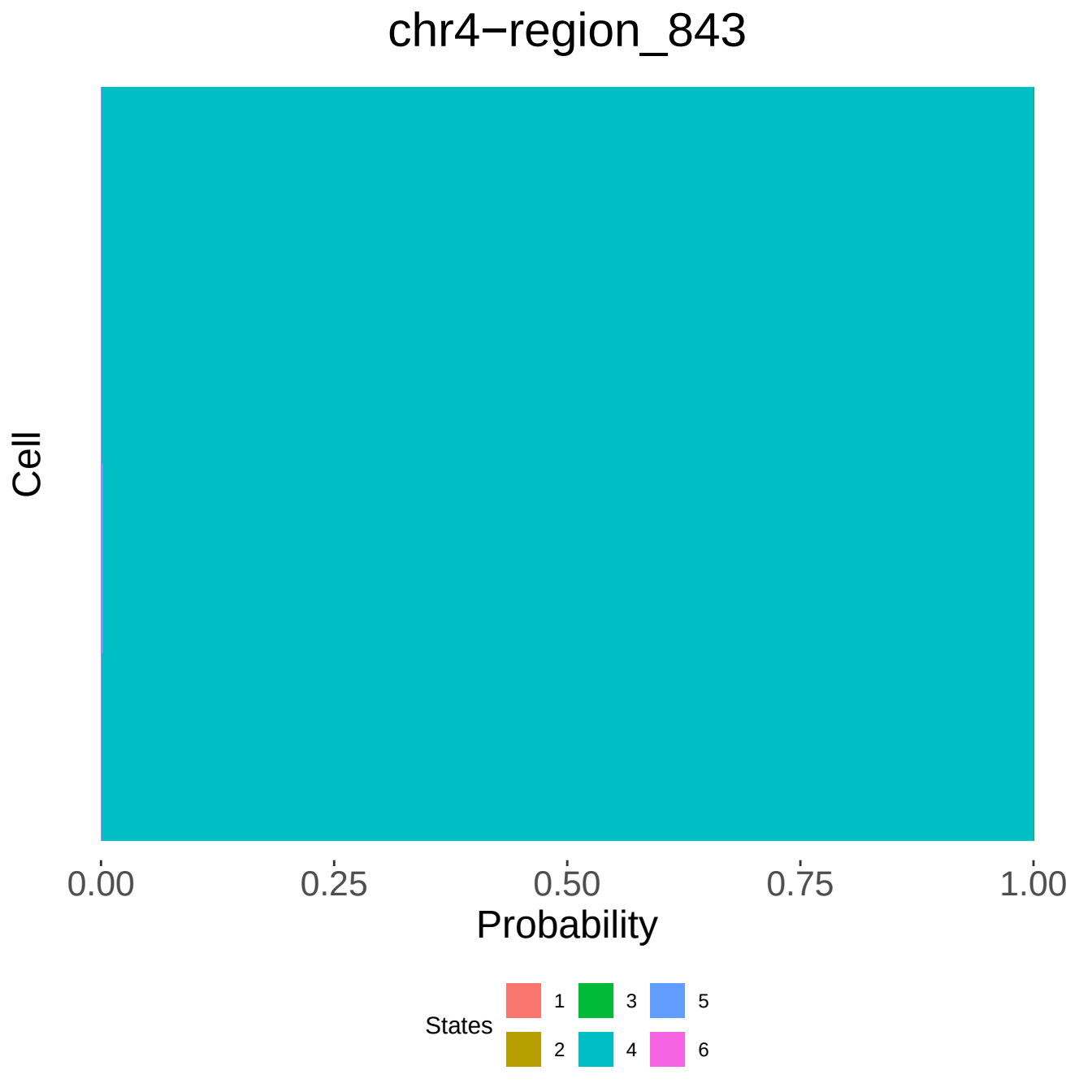
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Probability
States
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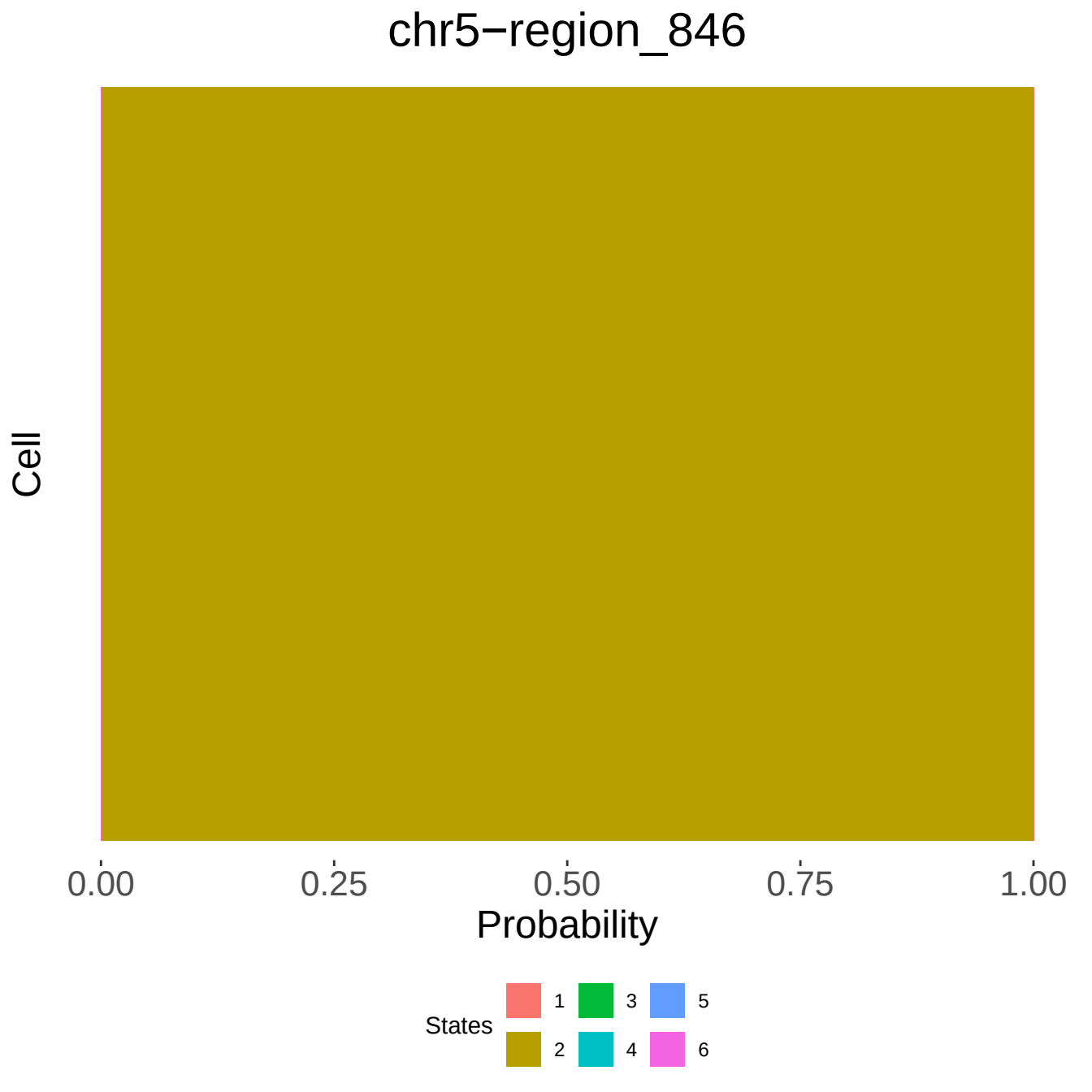
chr5−region_846
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Probability
States
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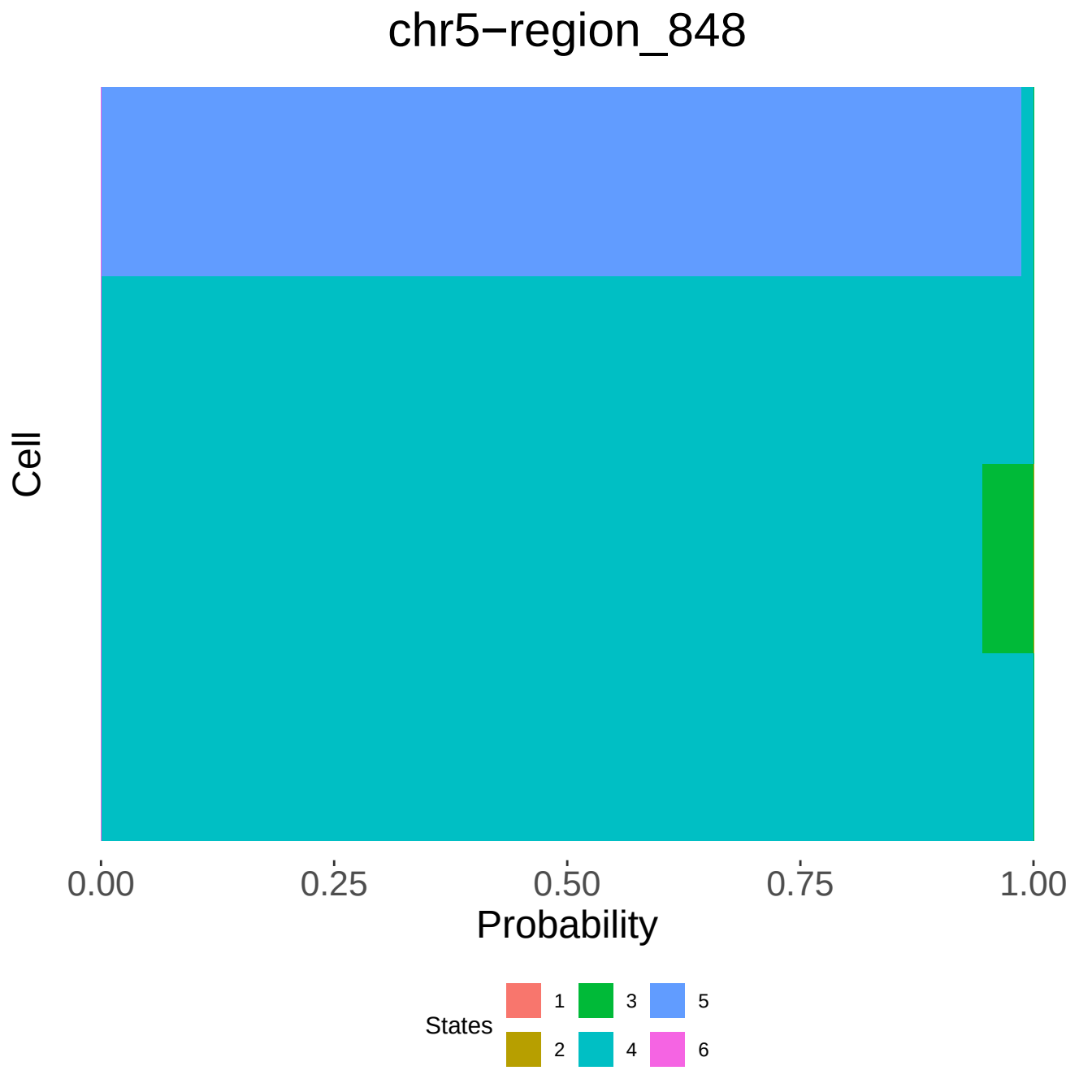
chr5−region_848
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Probability
States
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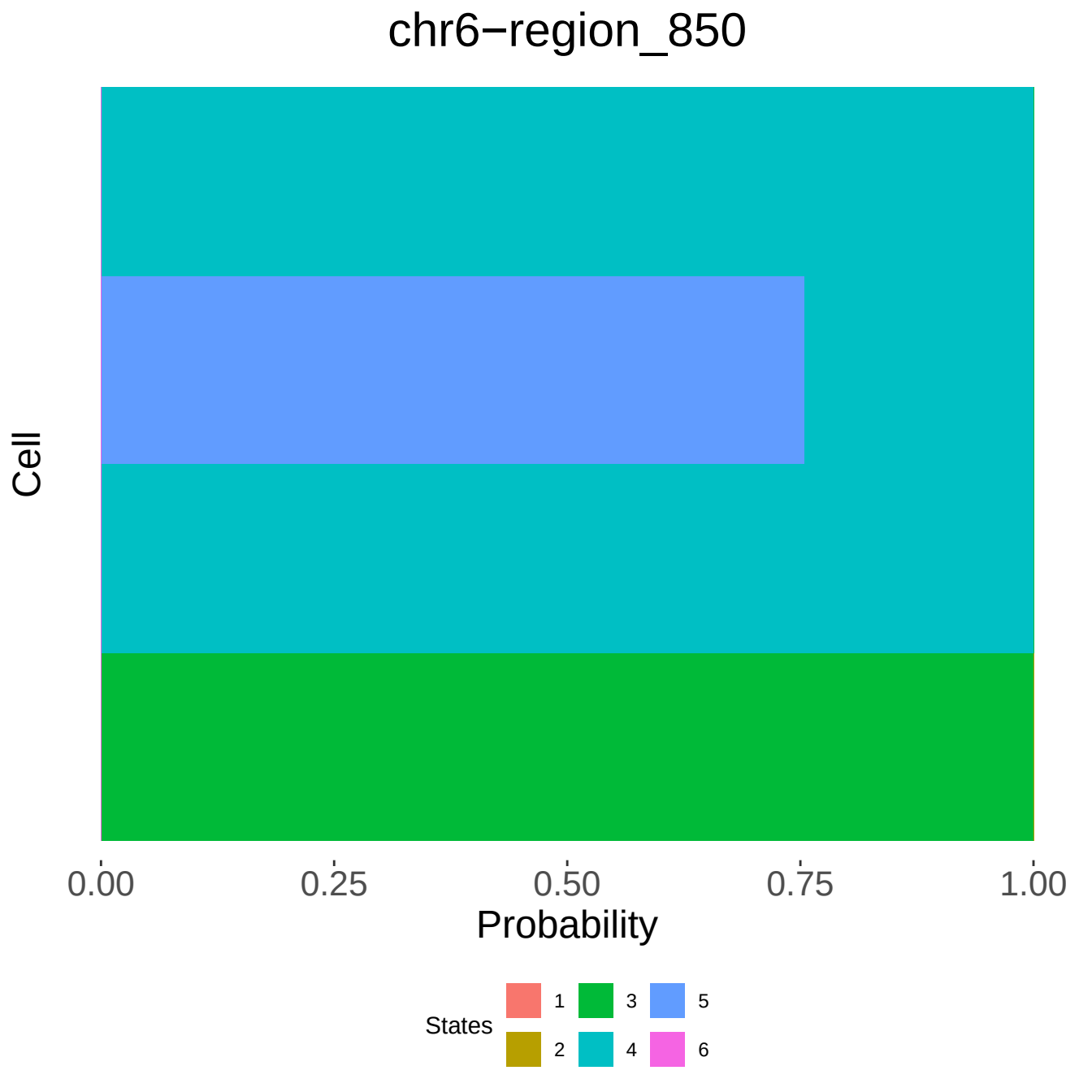
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Probability
States
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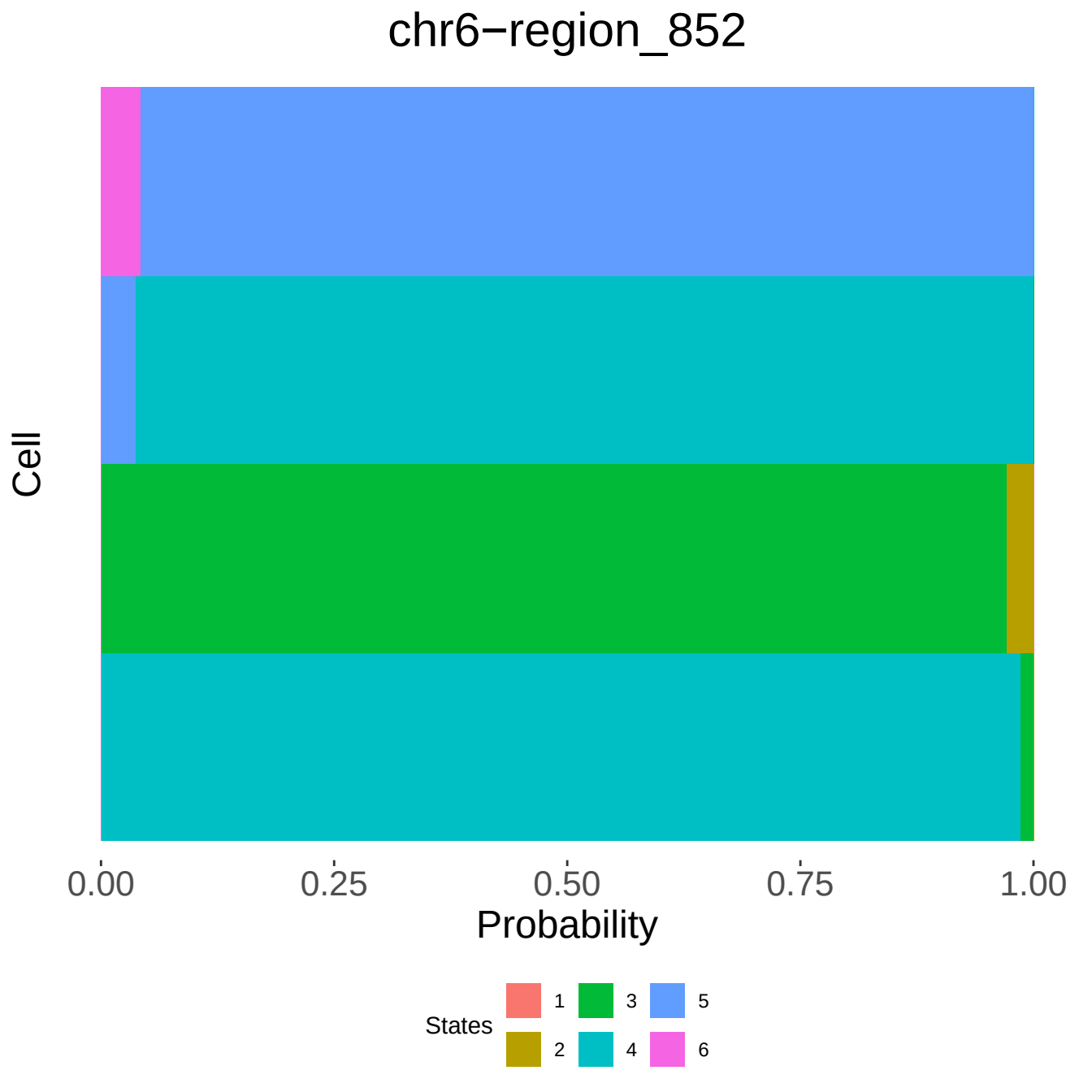
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Probability
States
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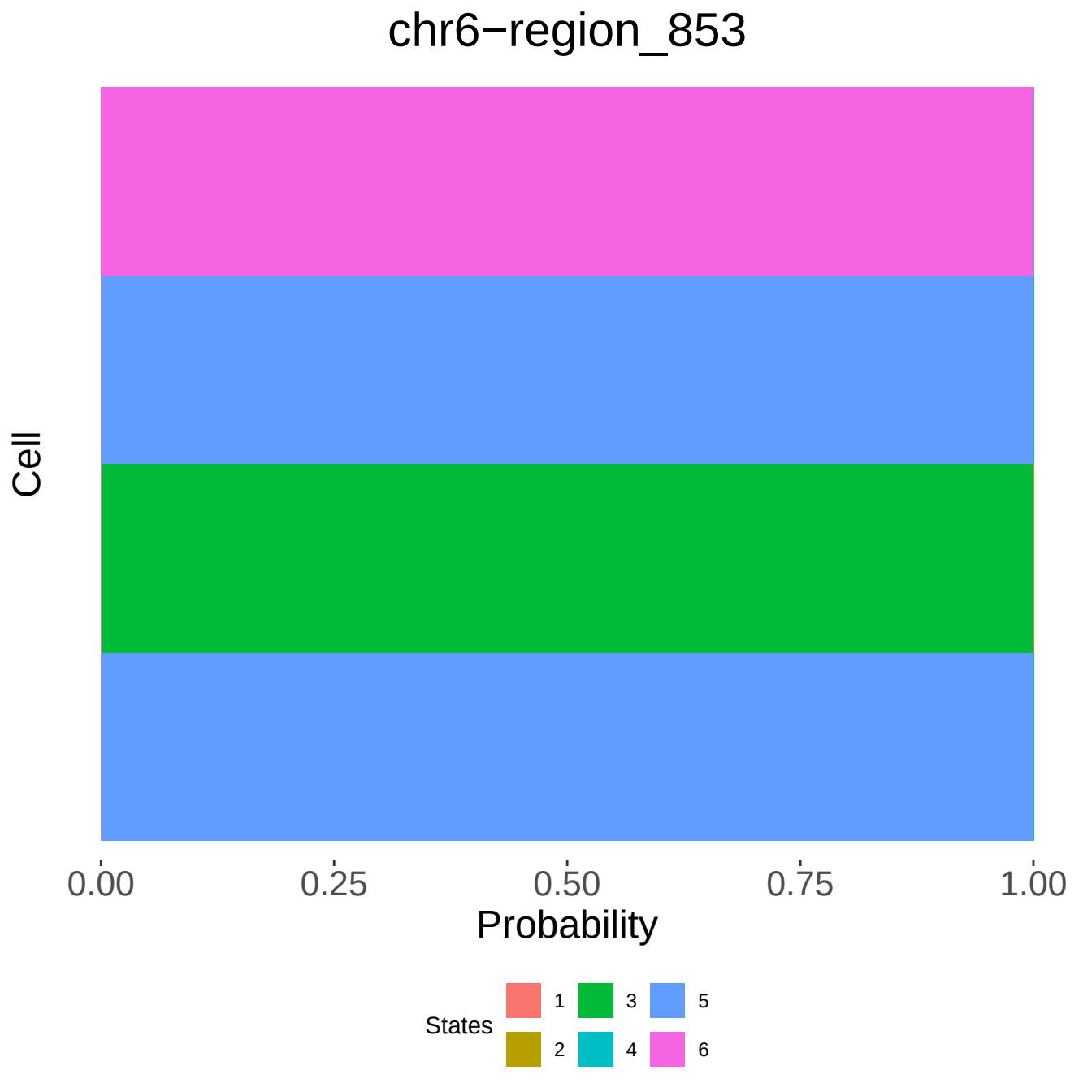
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Probability
States
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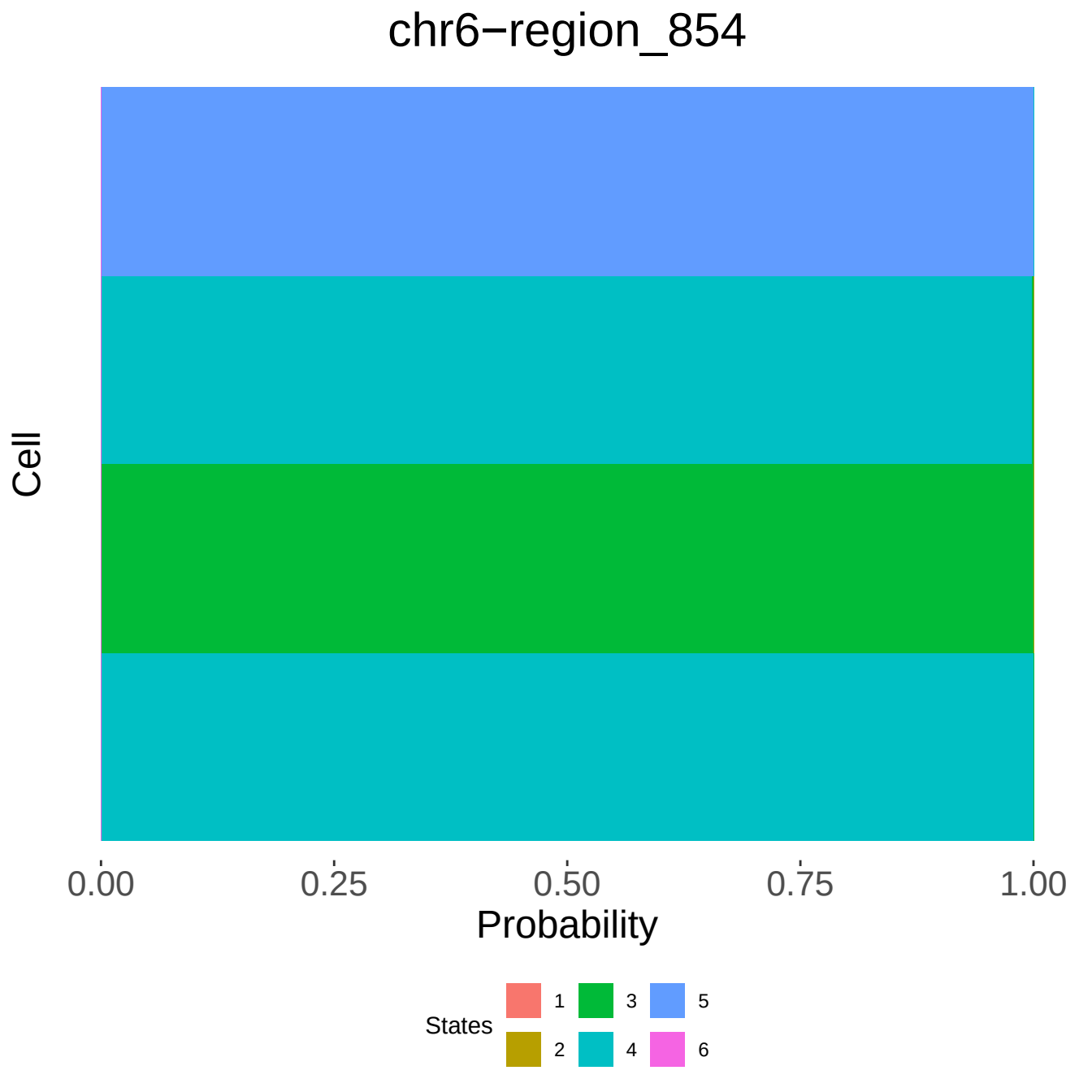
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Probability
States
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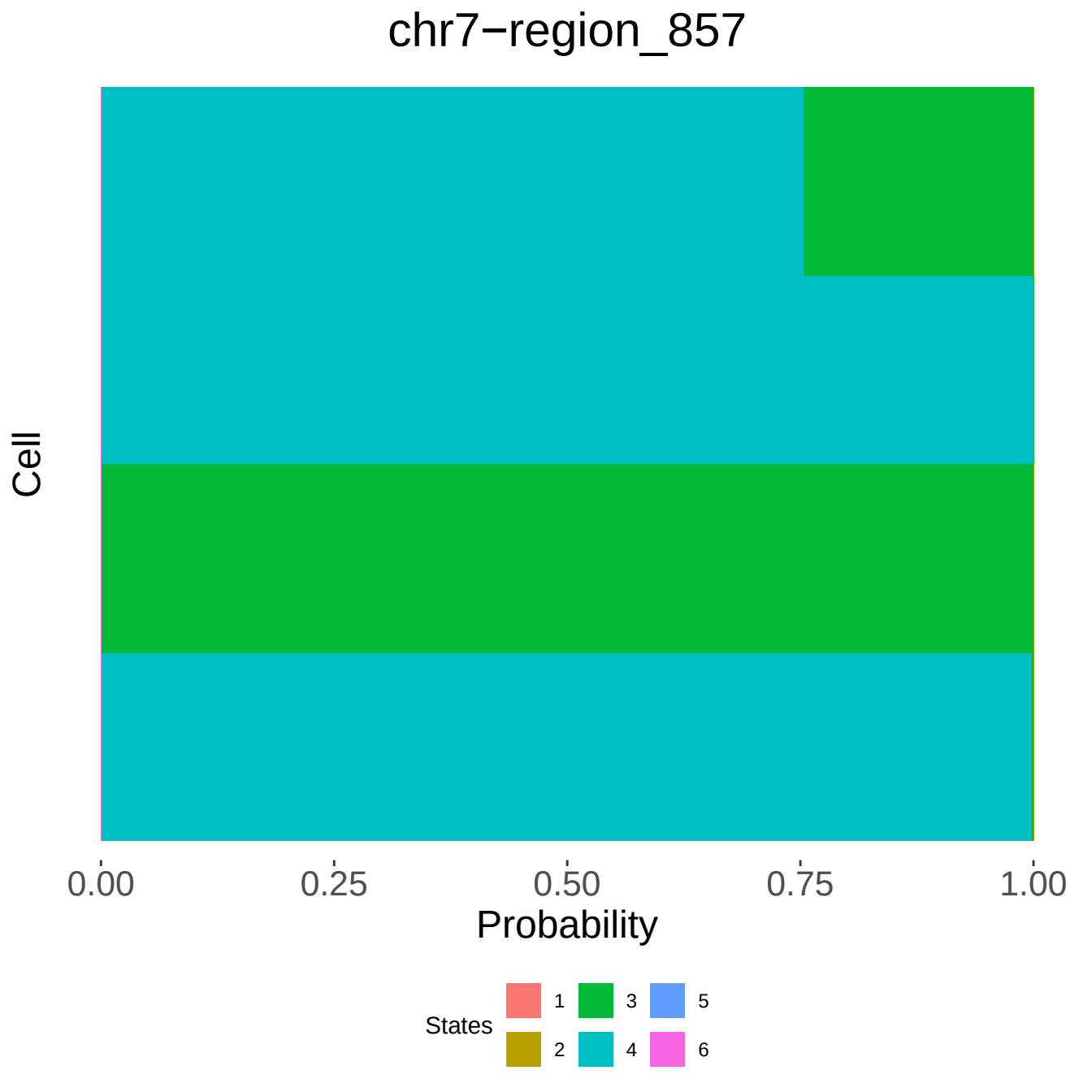
chr7−region_857
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Probability
States
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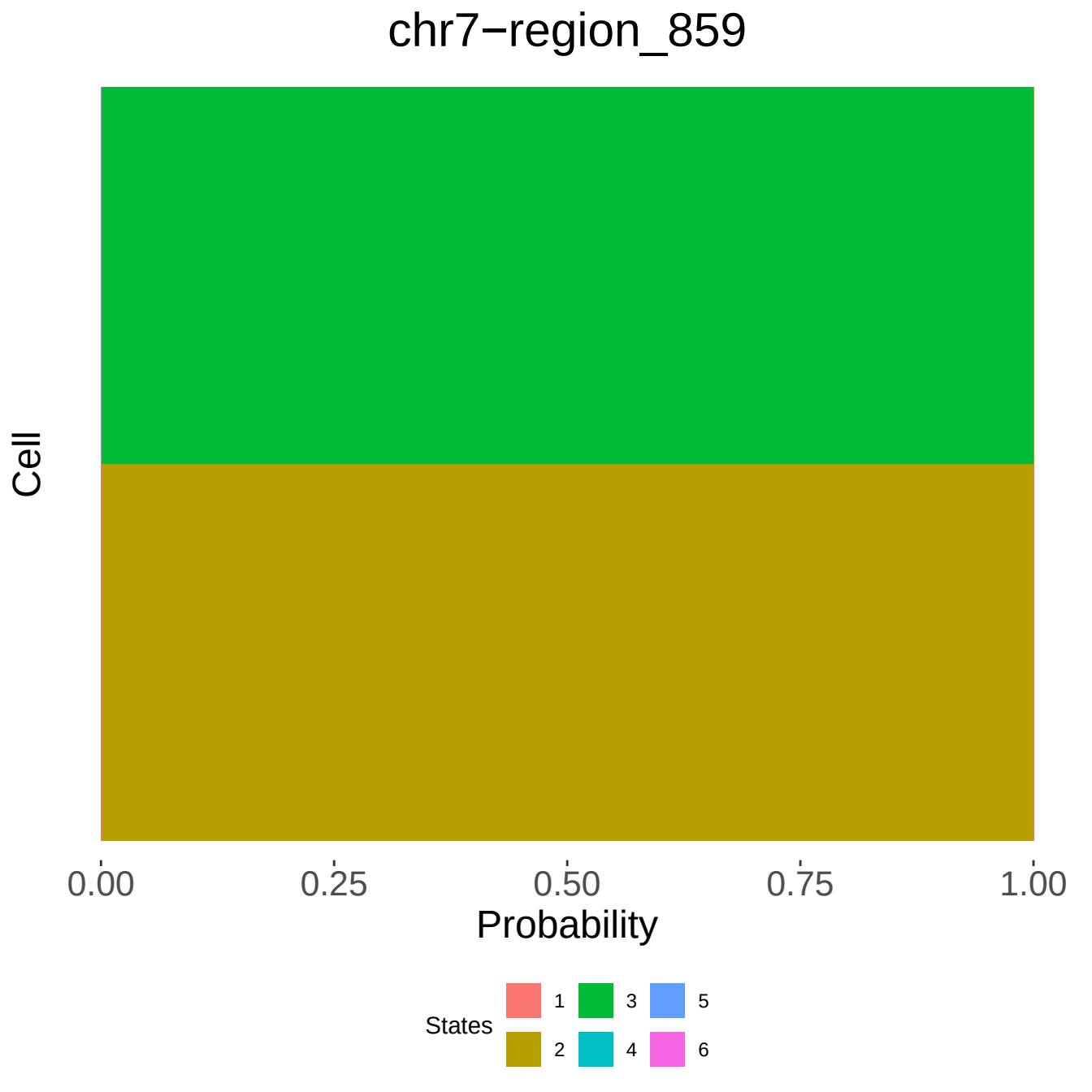
chr7−region_859
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Probability
States
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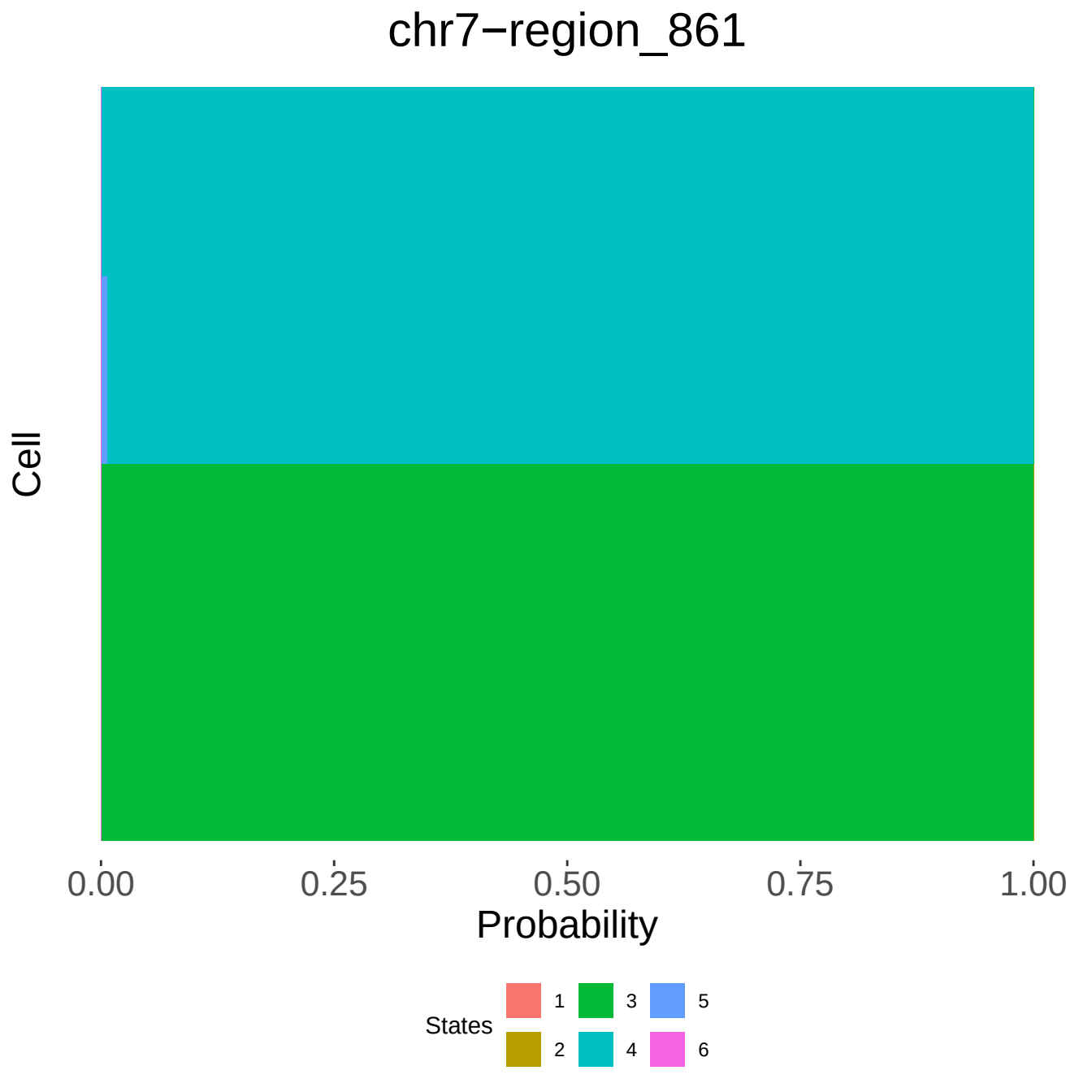
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Probability
States
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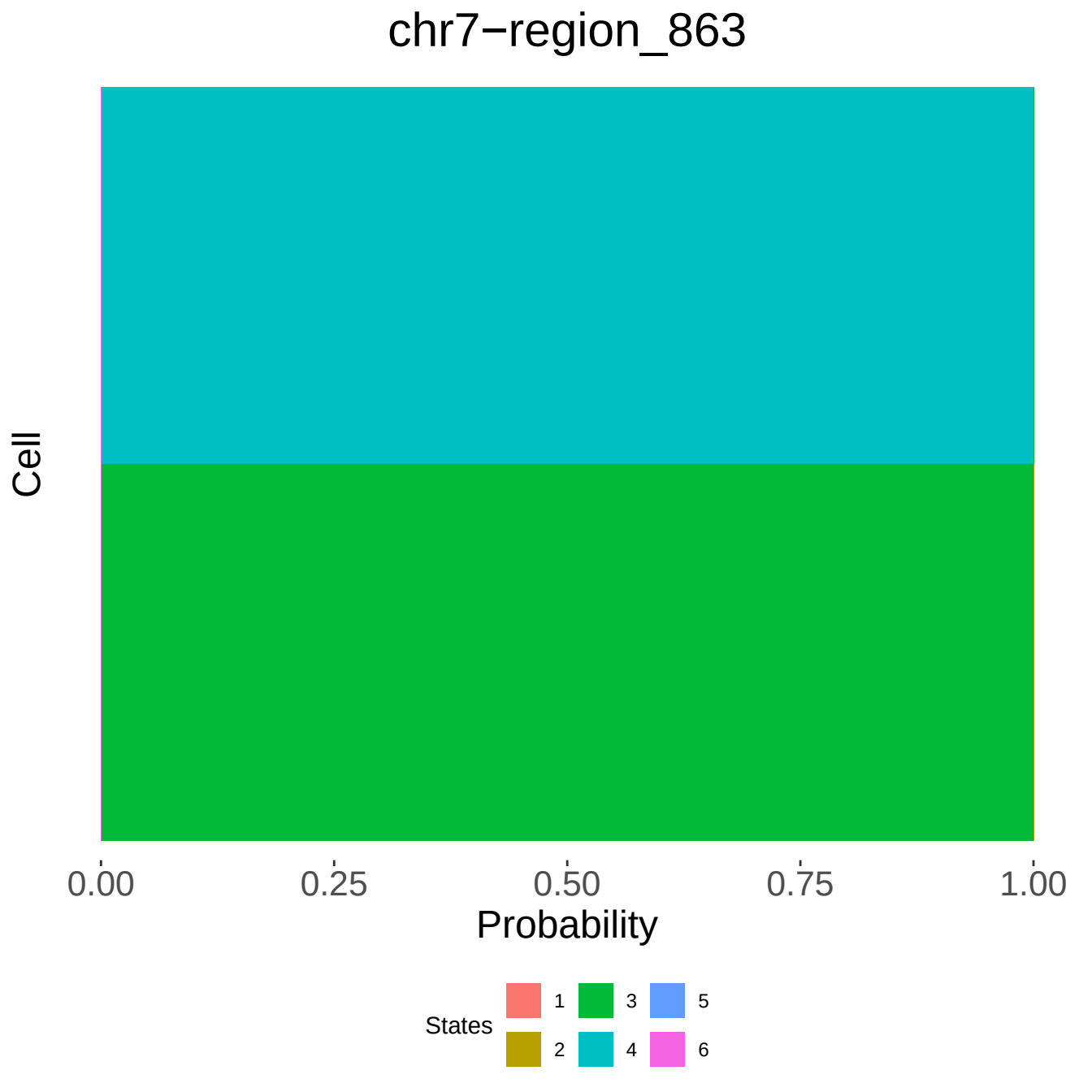
chr7−region_863
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Probability
States
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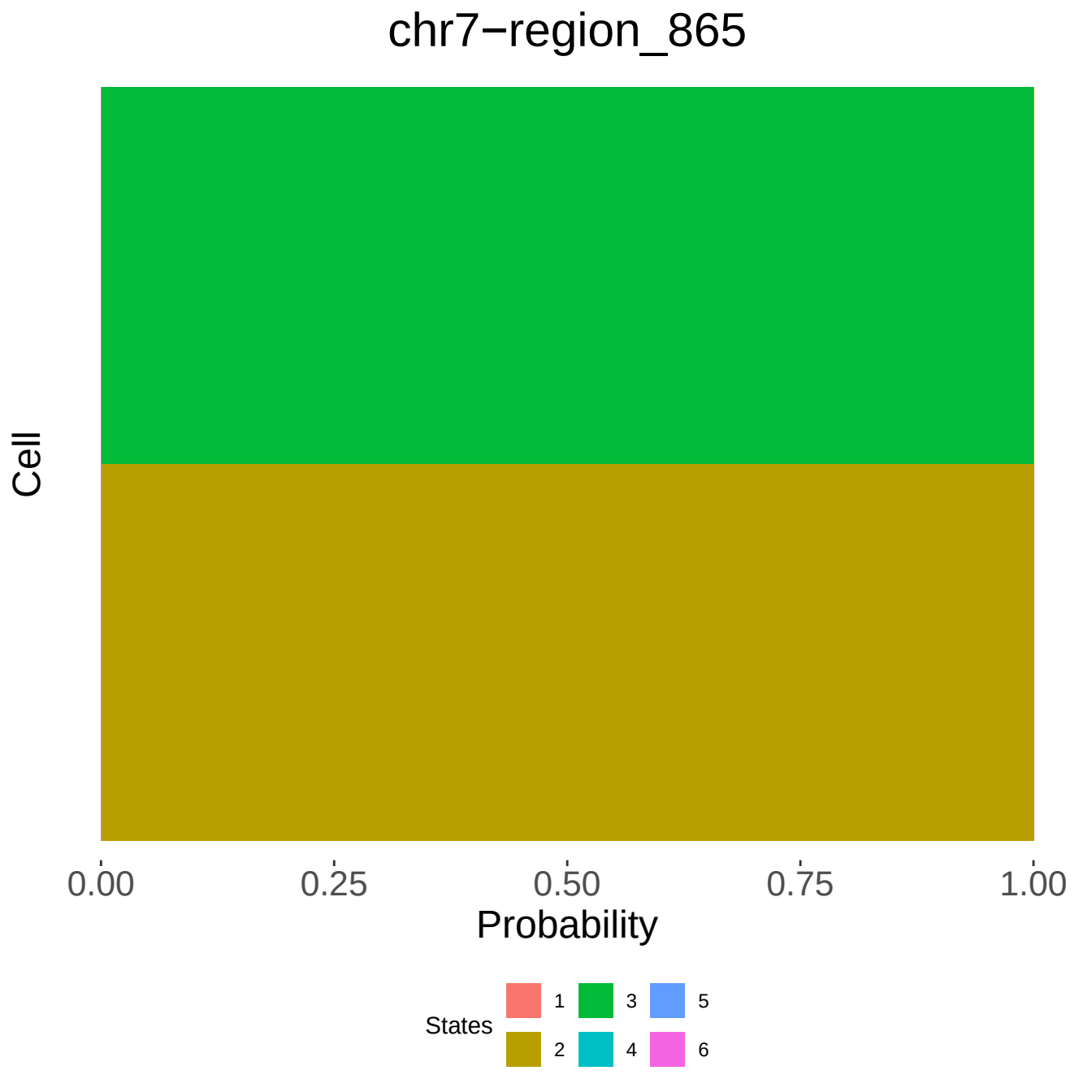
chr7−region_865
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Probability
States
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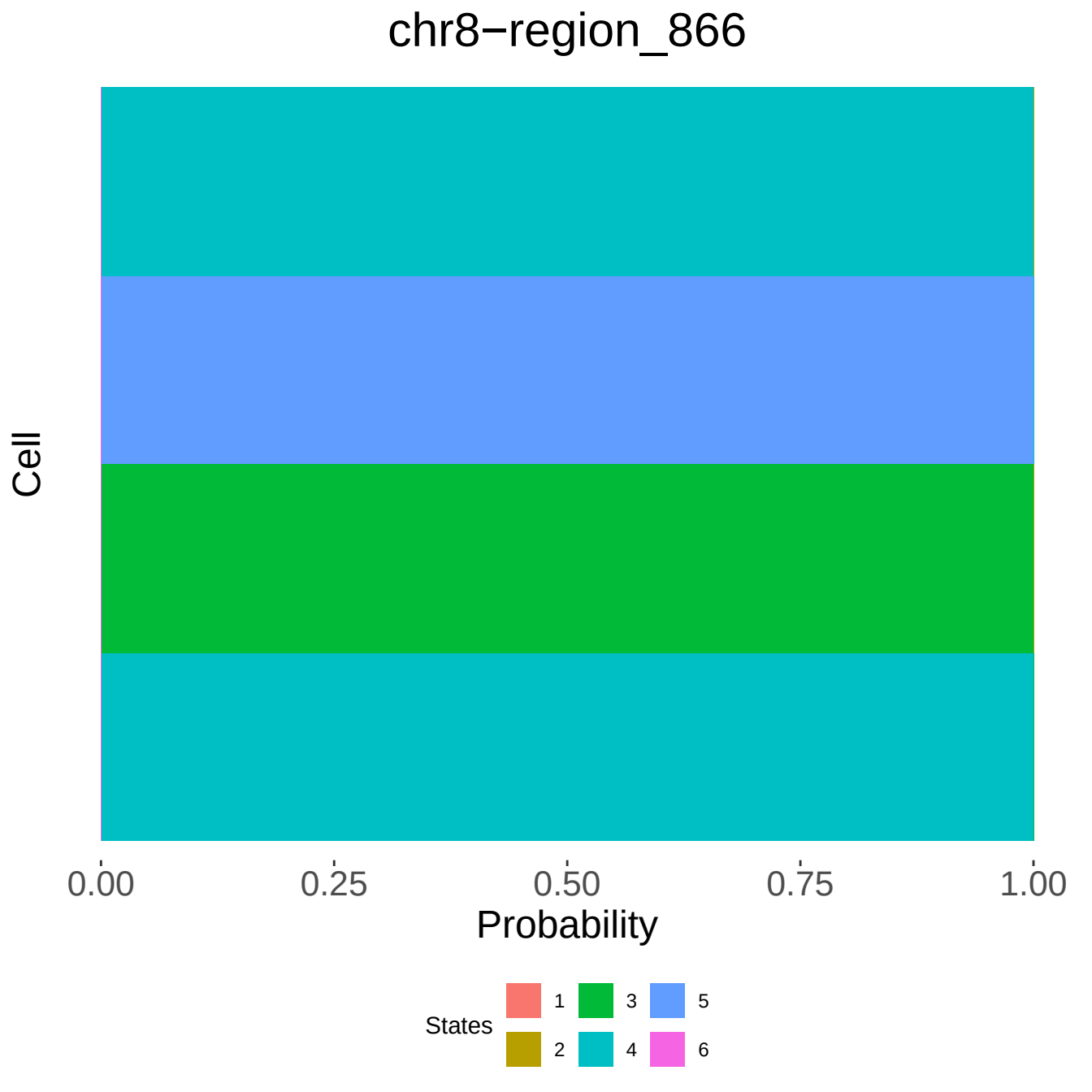
chr8−region_866
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Probability
States
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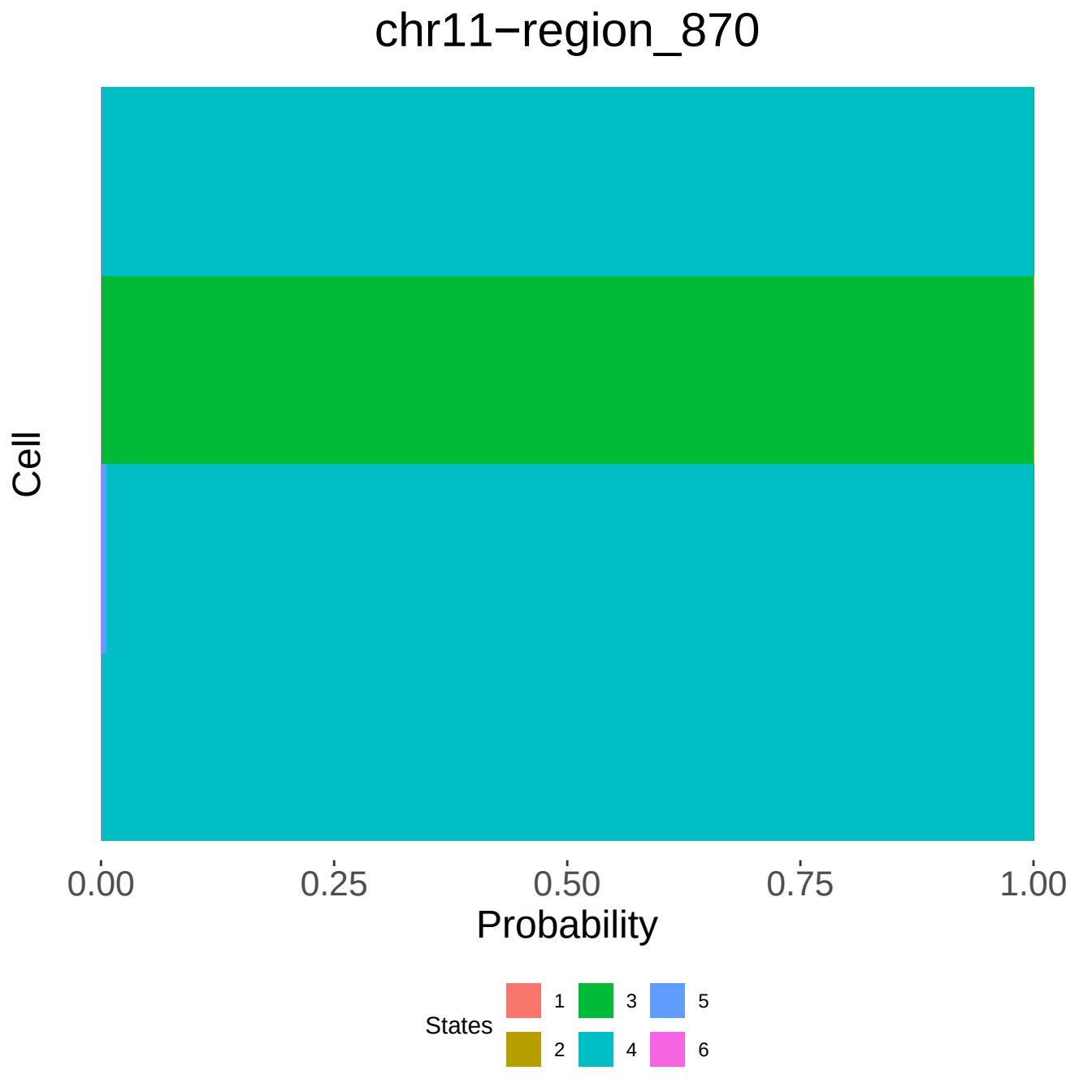
chr11−region_870
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Probability
States
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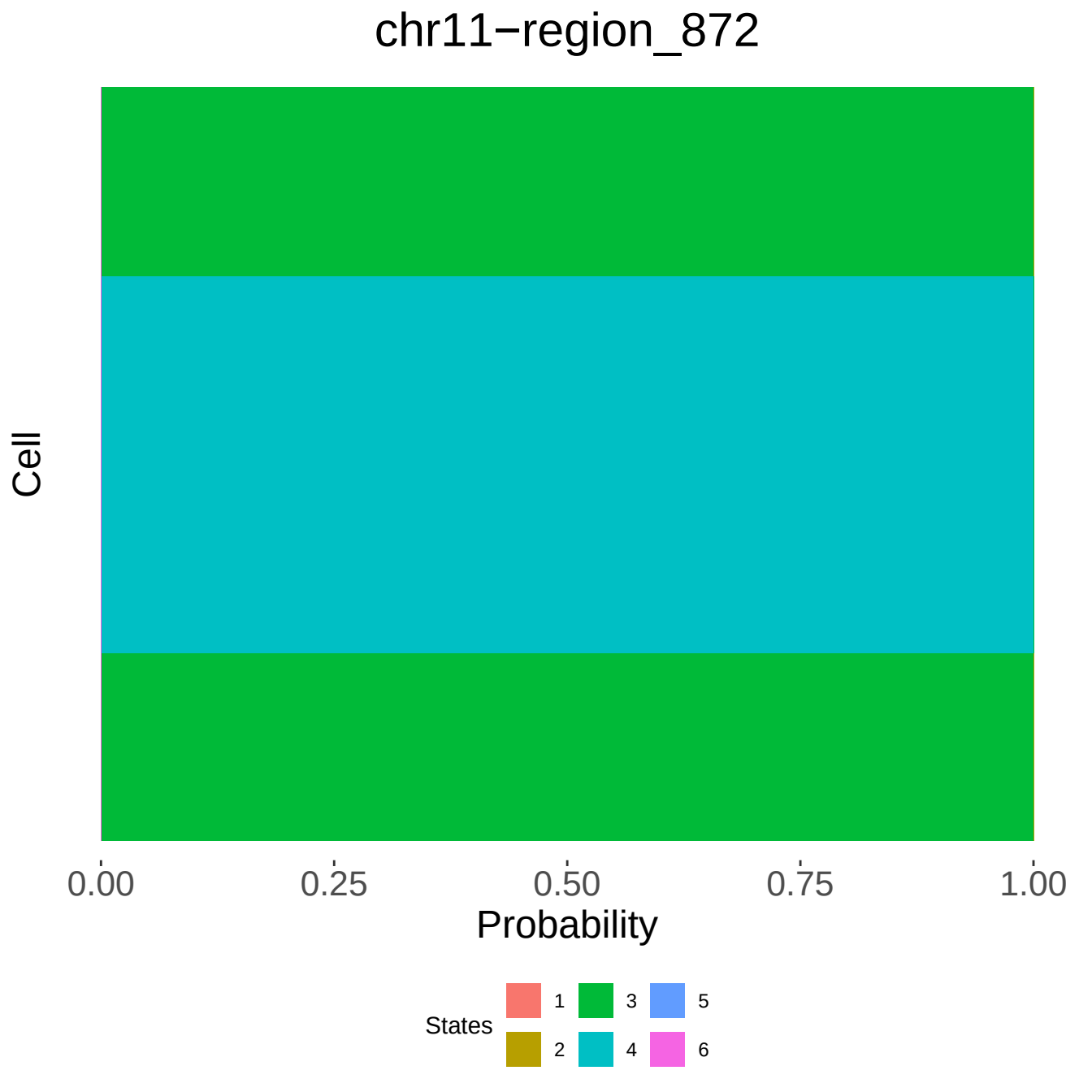
chr11−region_872
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Probability
States
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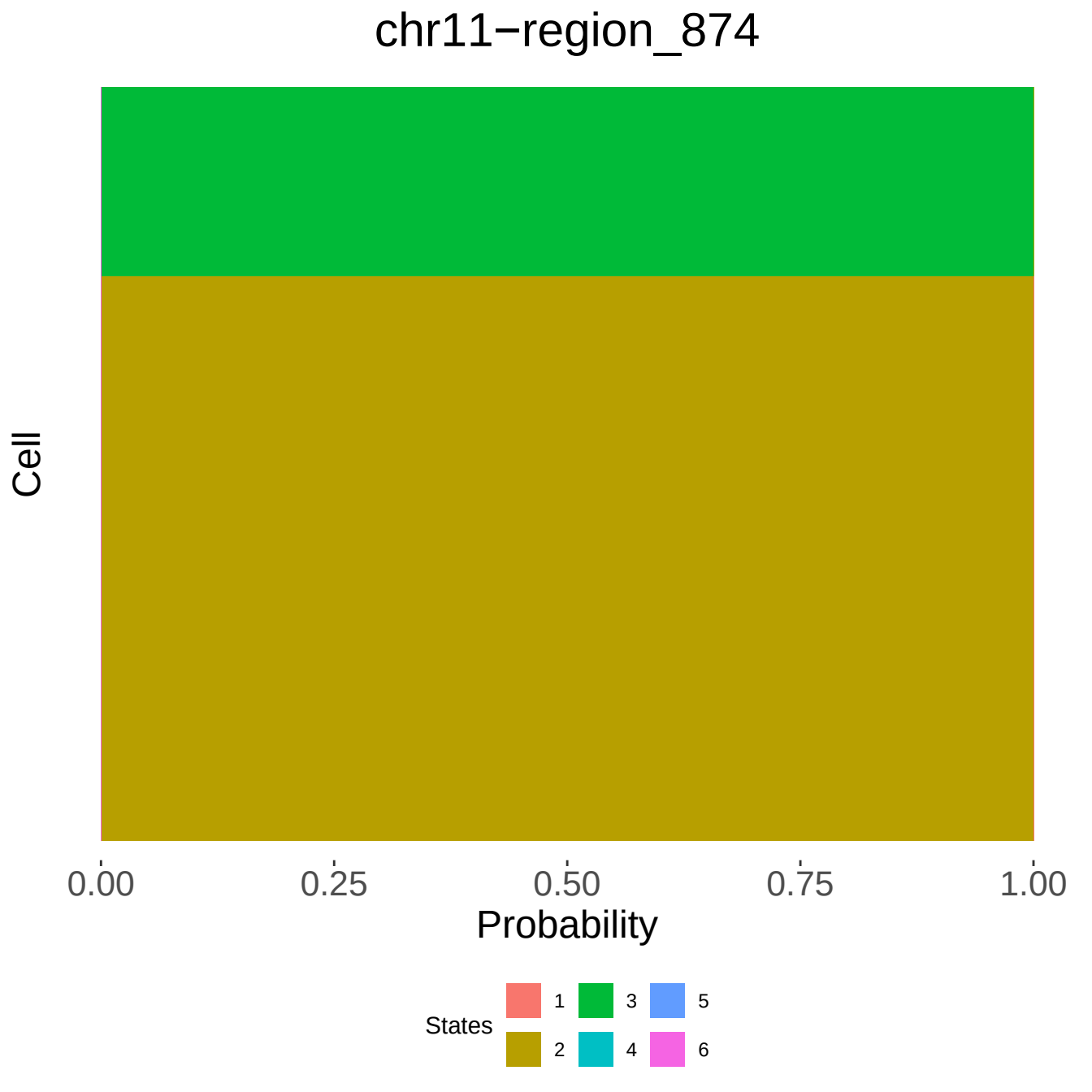
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Probability
States
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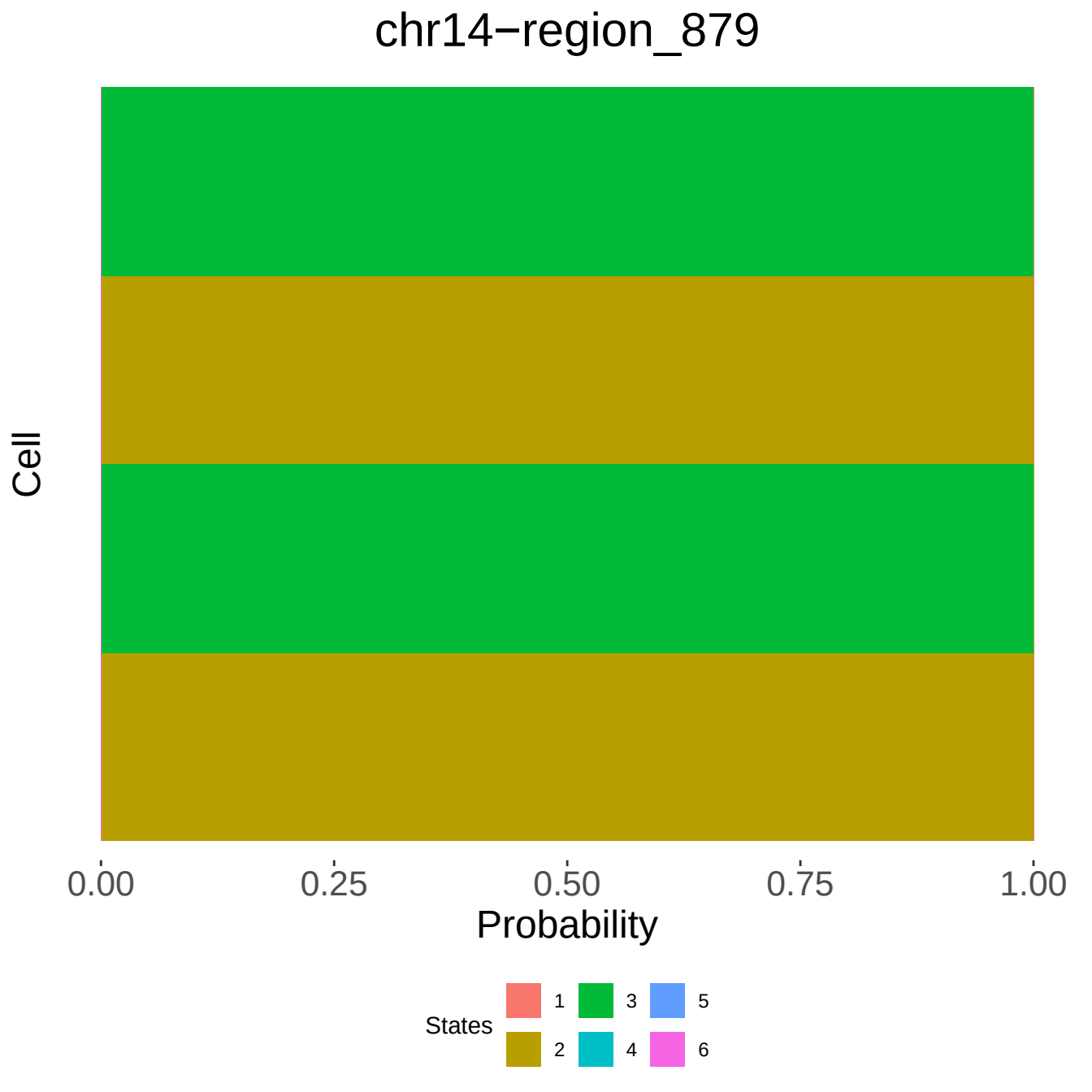
chr14−region_879
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Probability
States
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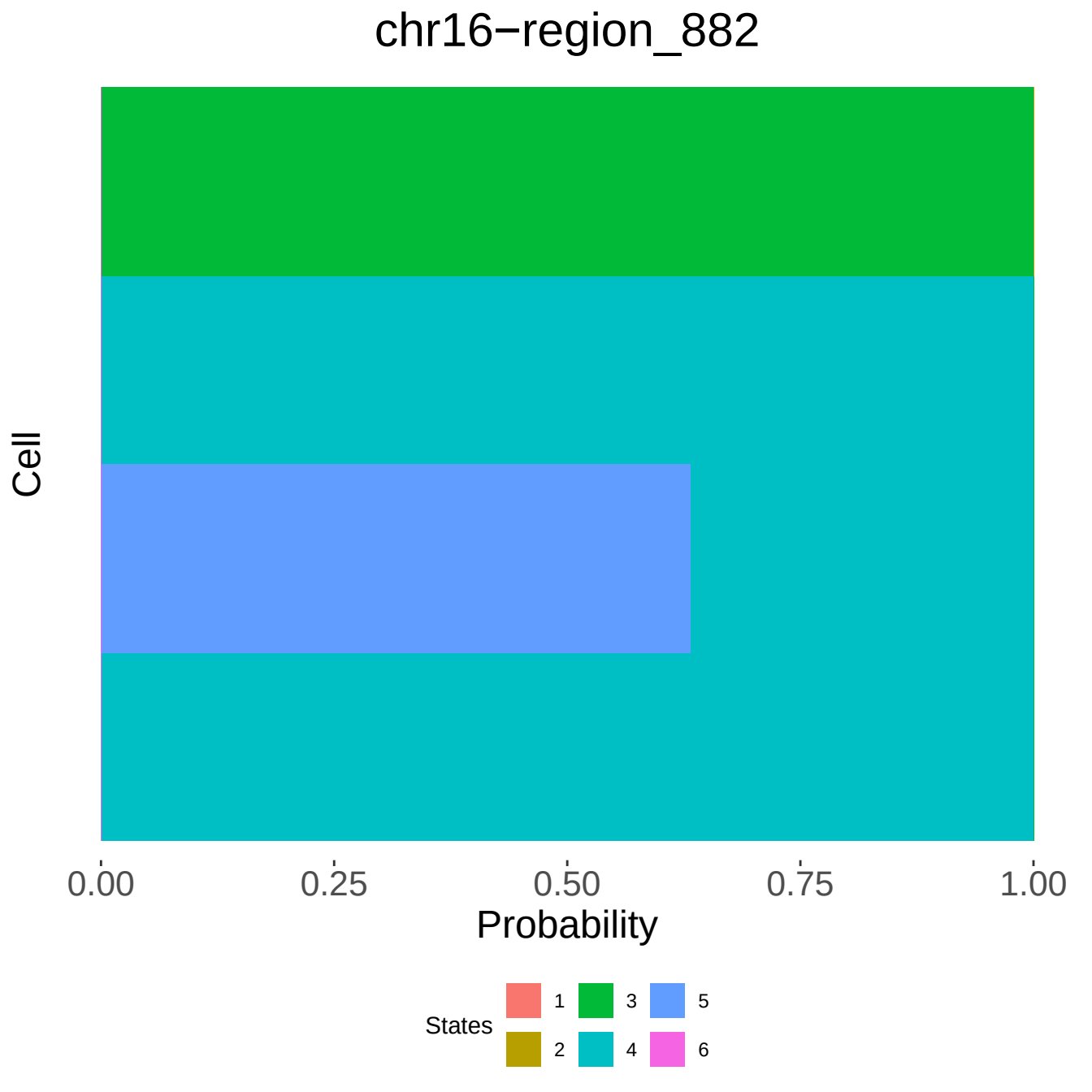
chr16−region_882
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Probability
States
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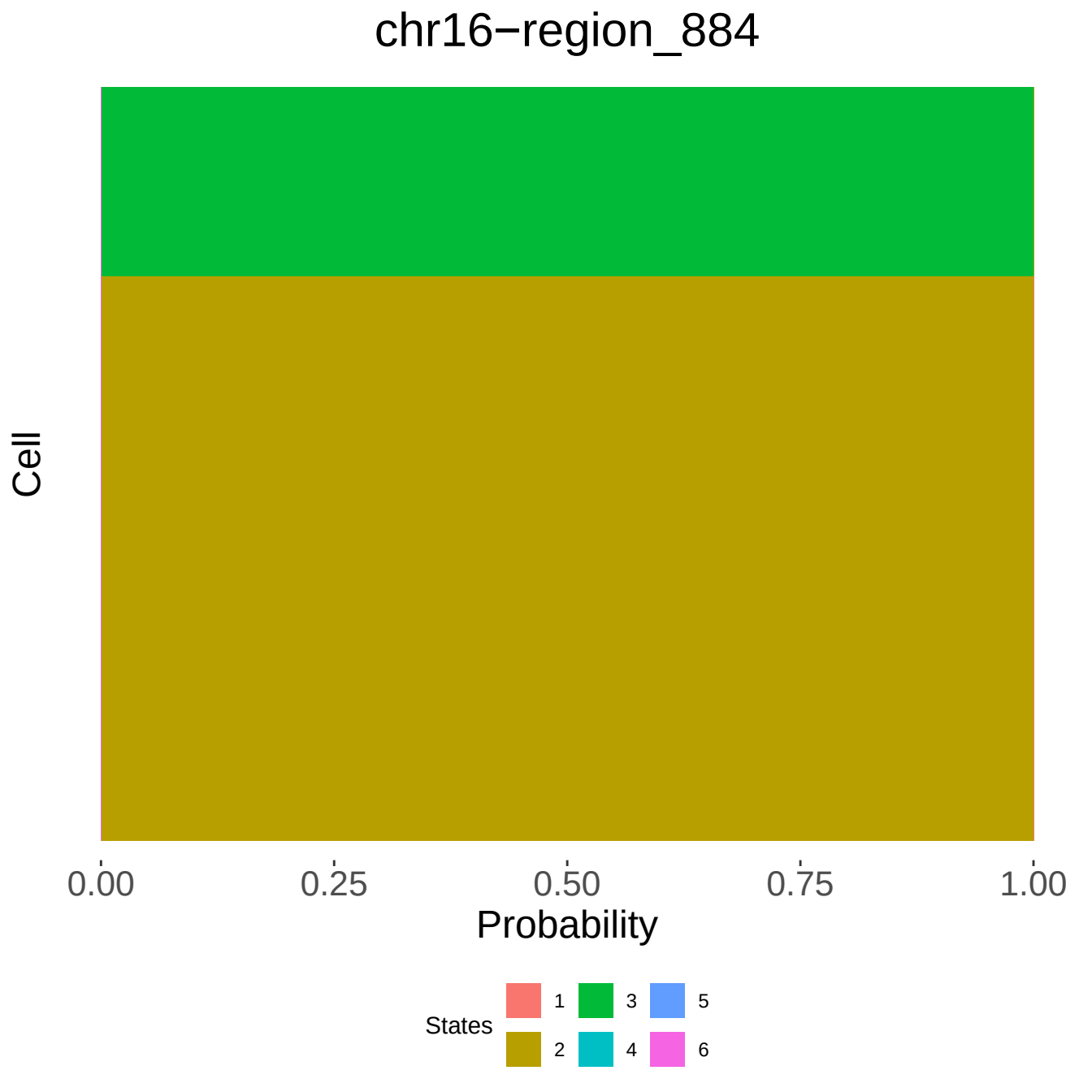
chr16−region_884
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Probability
States
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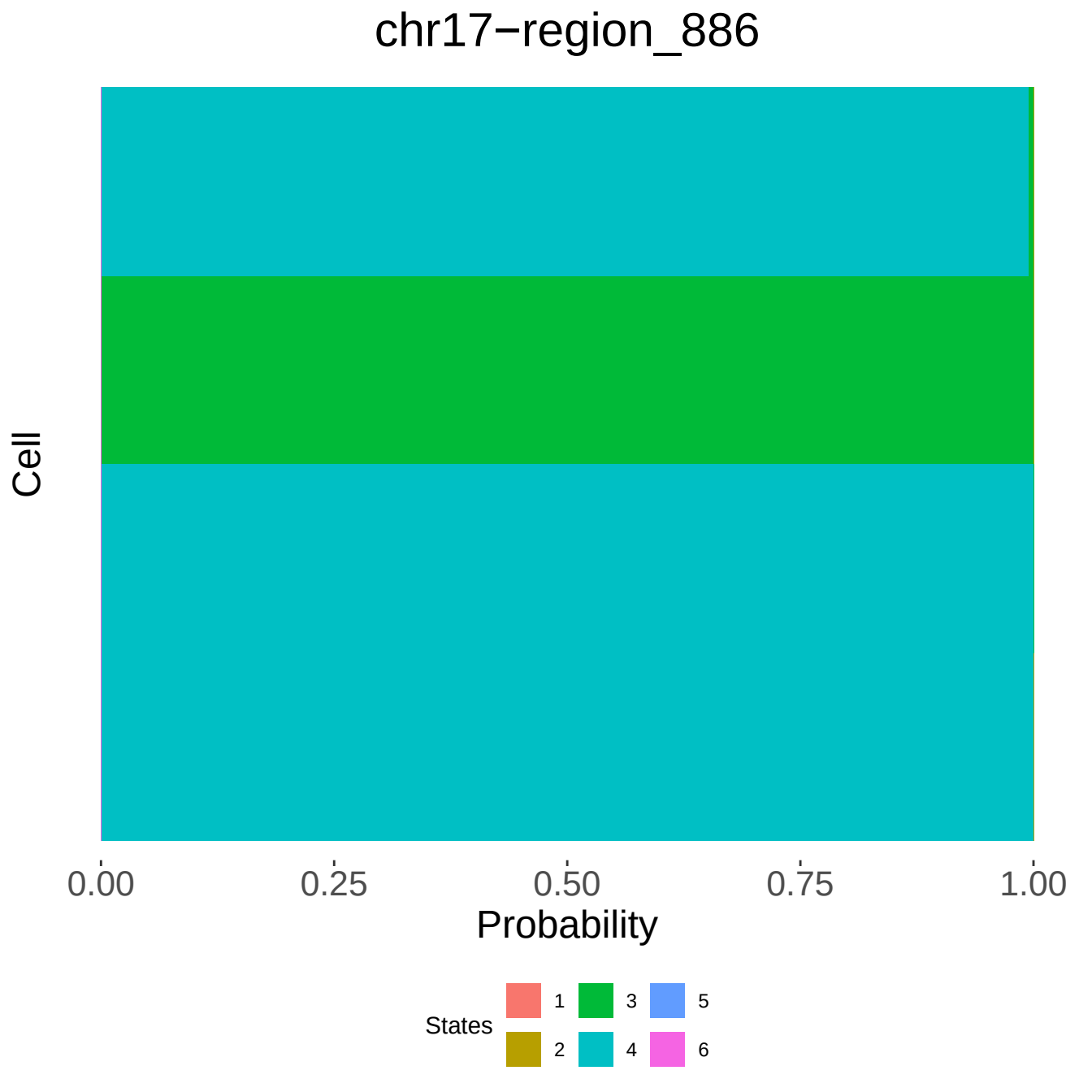
chr17−region_886
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Probability
States
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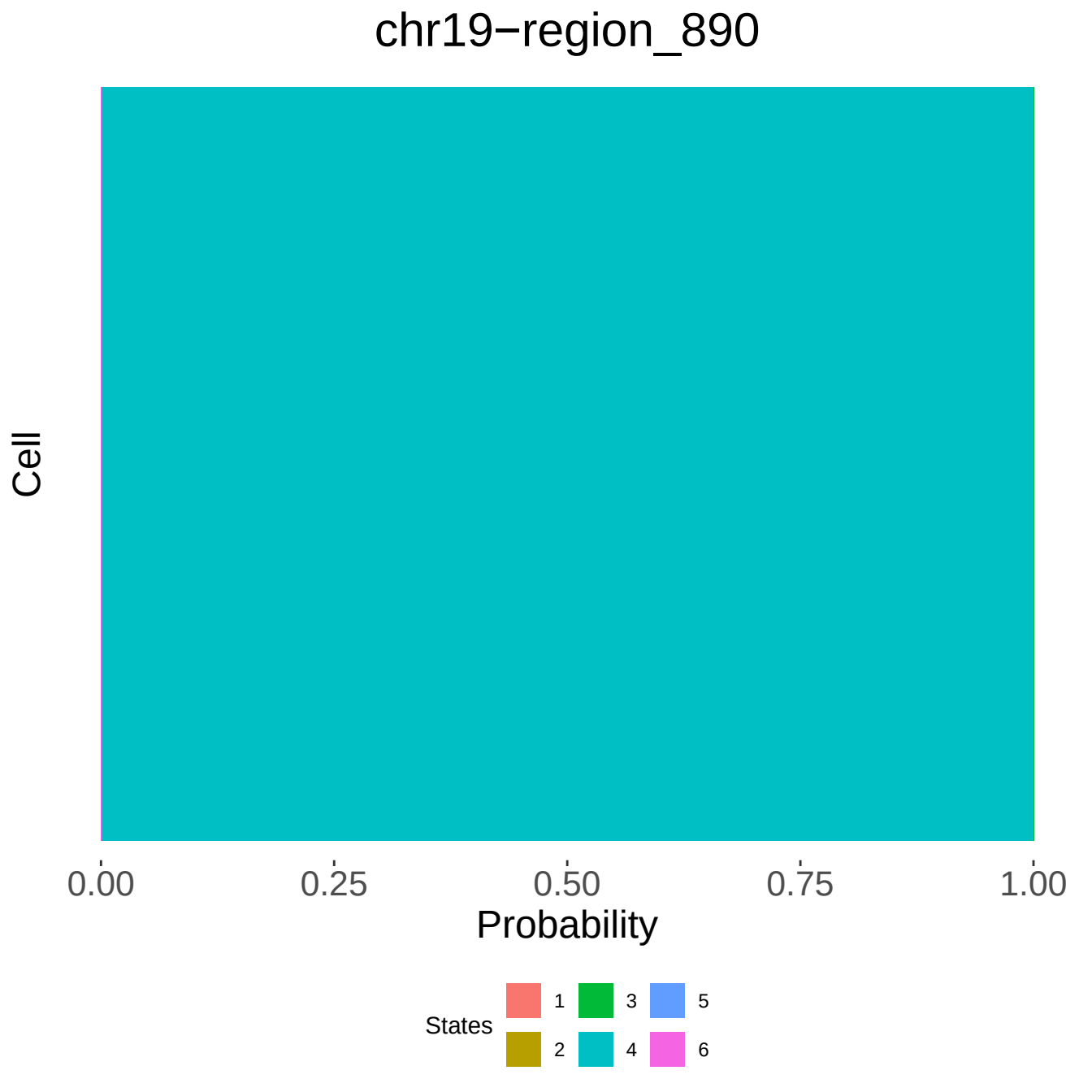
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Probability
States
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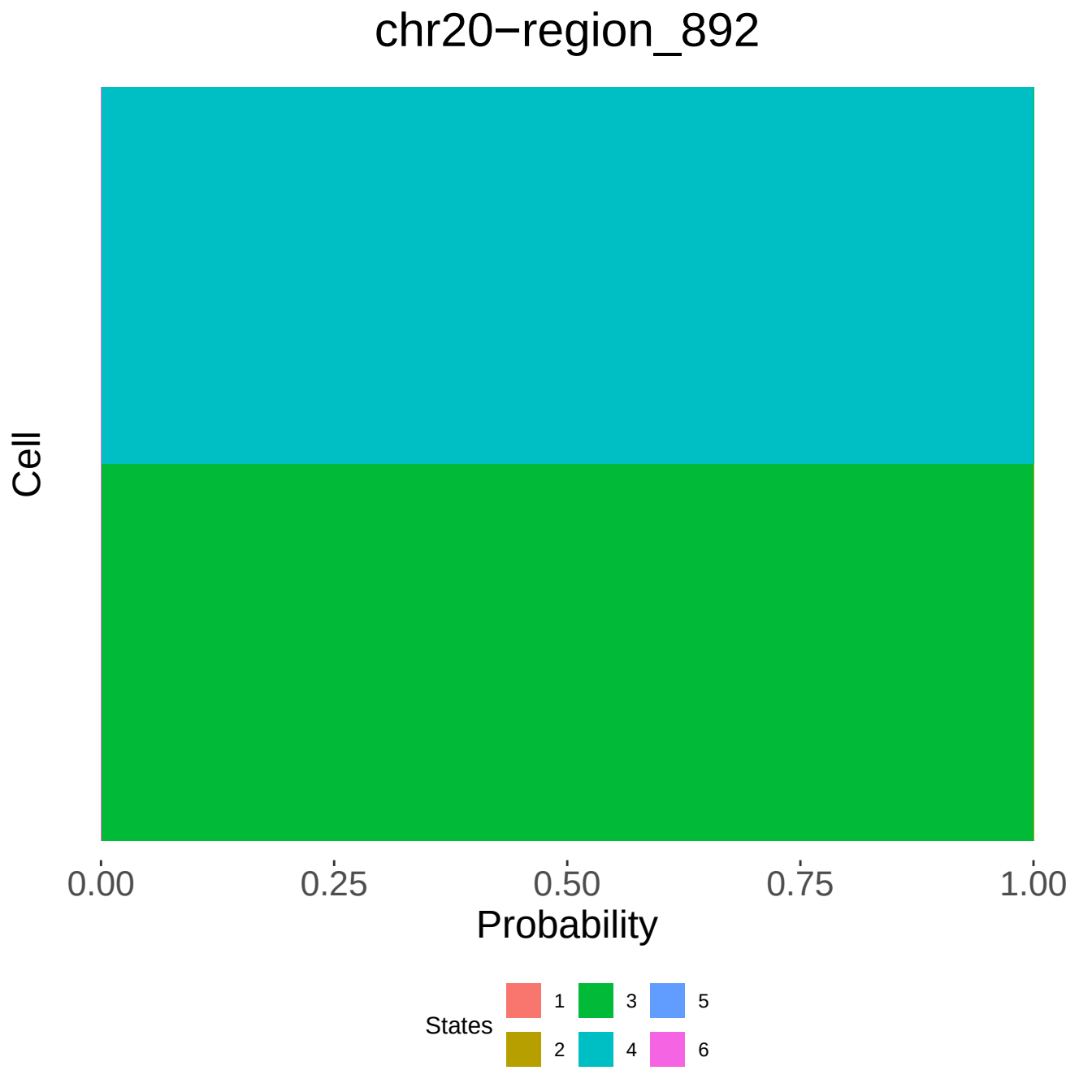
chr20−region_892
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Probability
States
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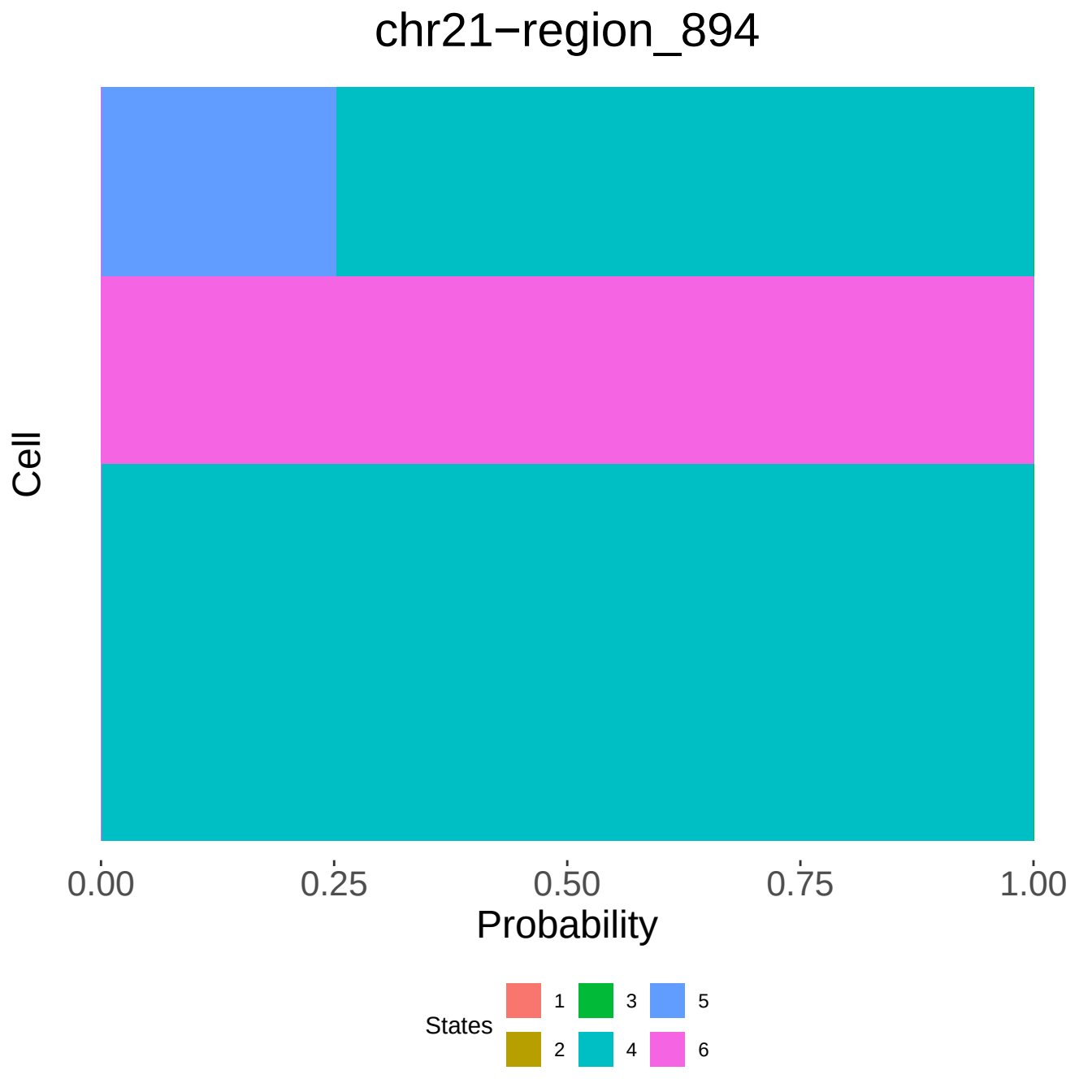
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Probability
States
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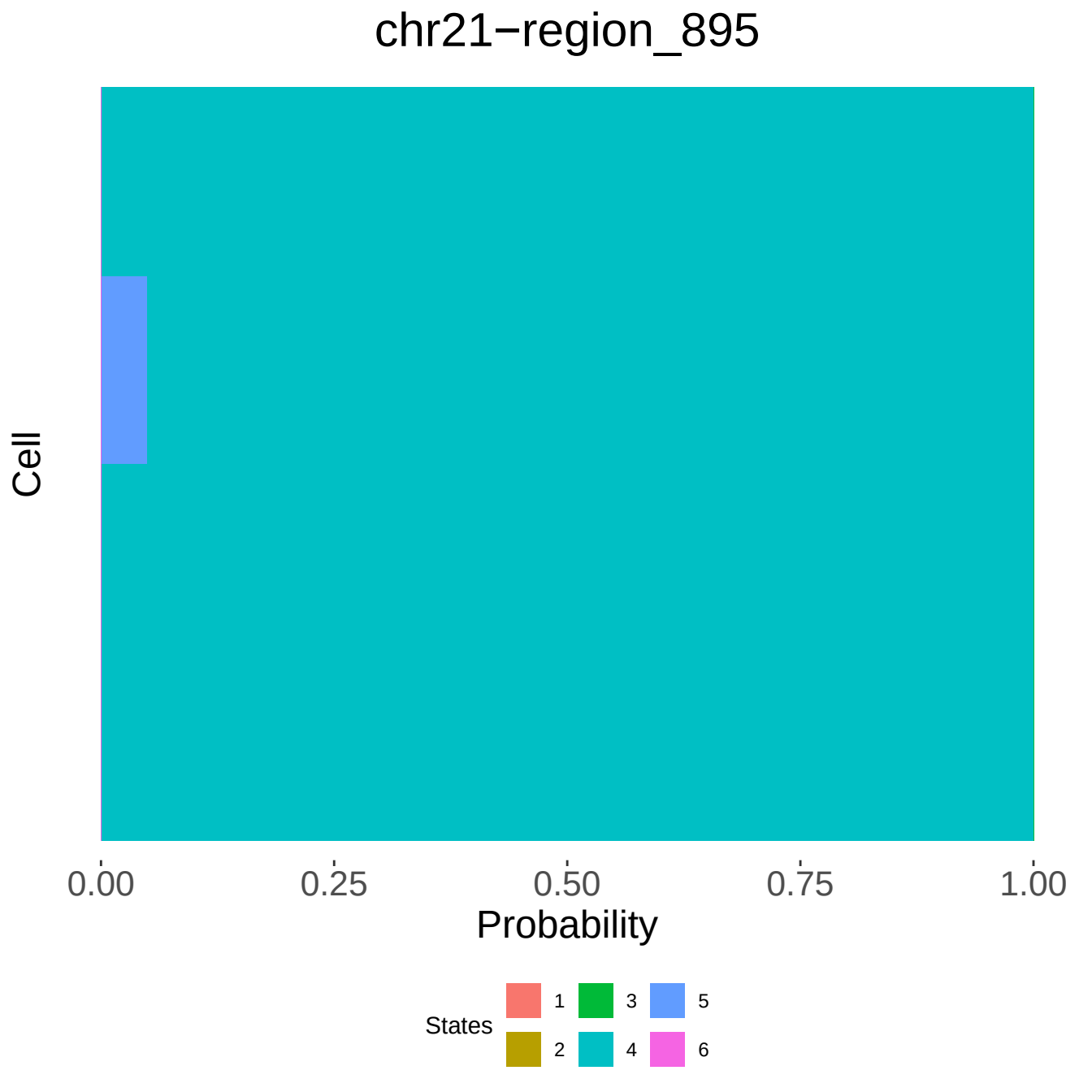
chr21−region_895
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Probability
States
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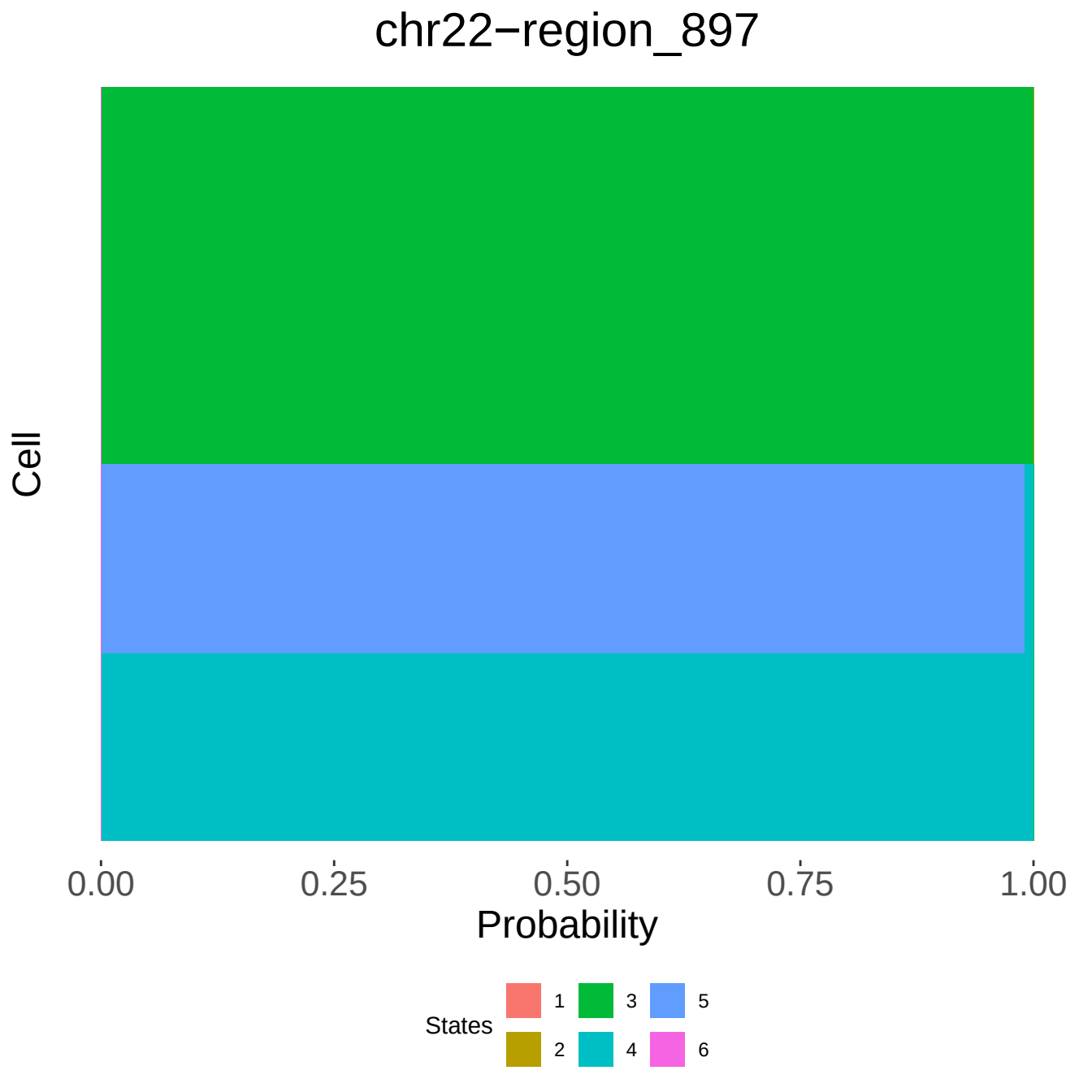
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Probability
States
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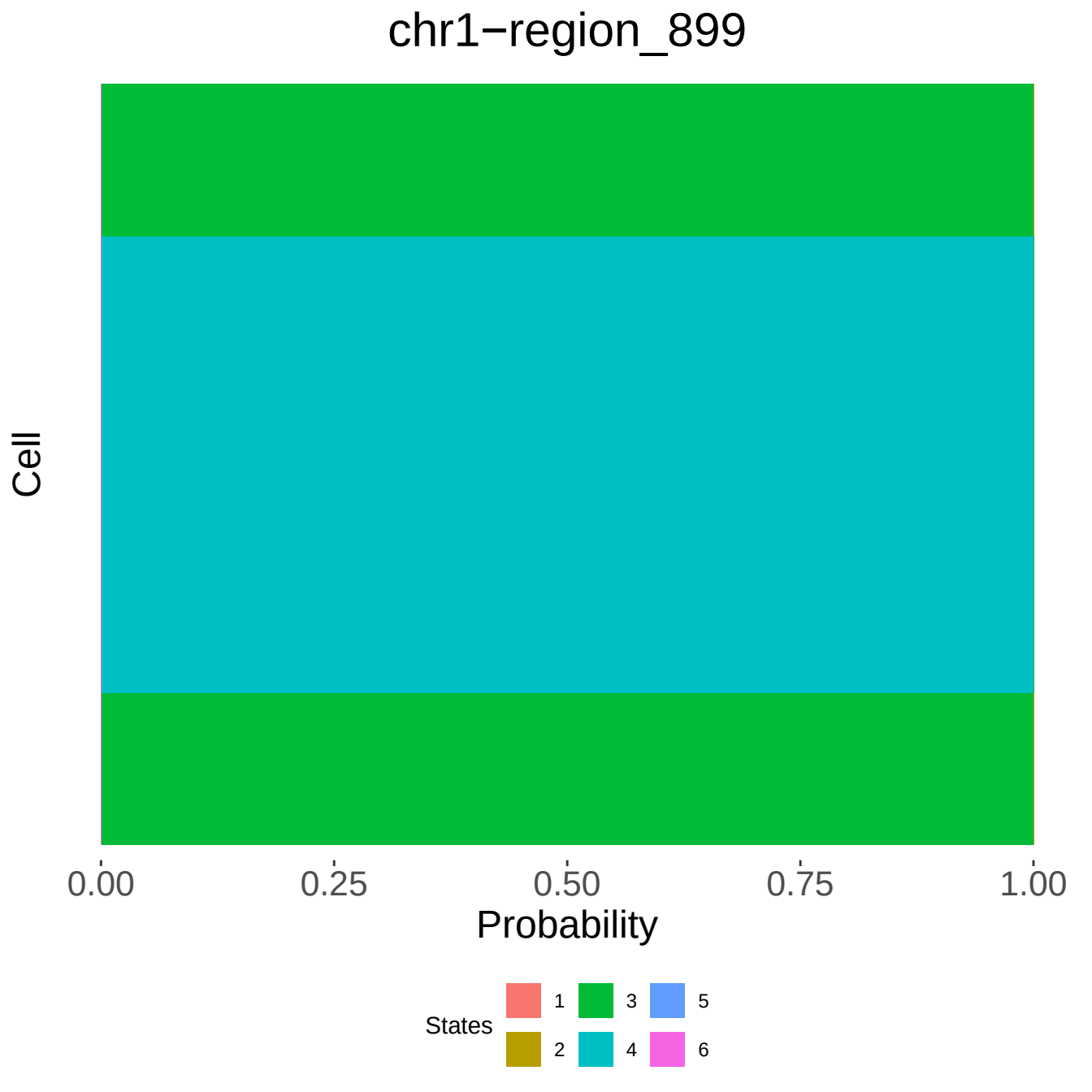
chr1−region_899
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Probability
States
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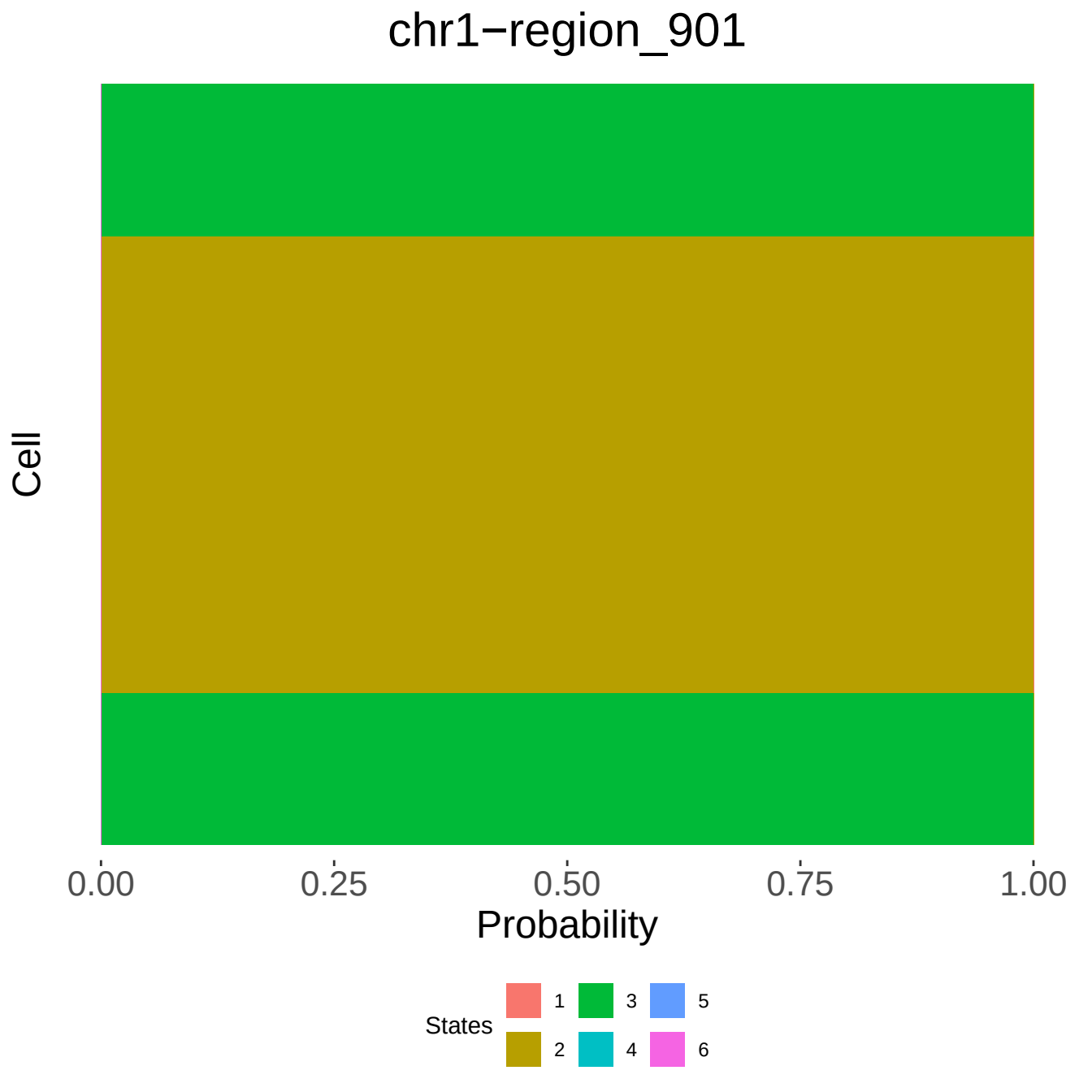
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Probability
States
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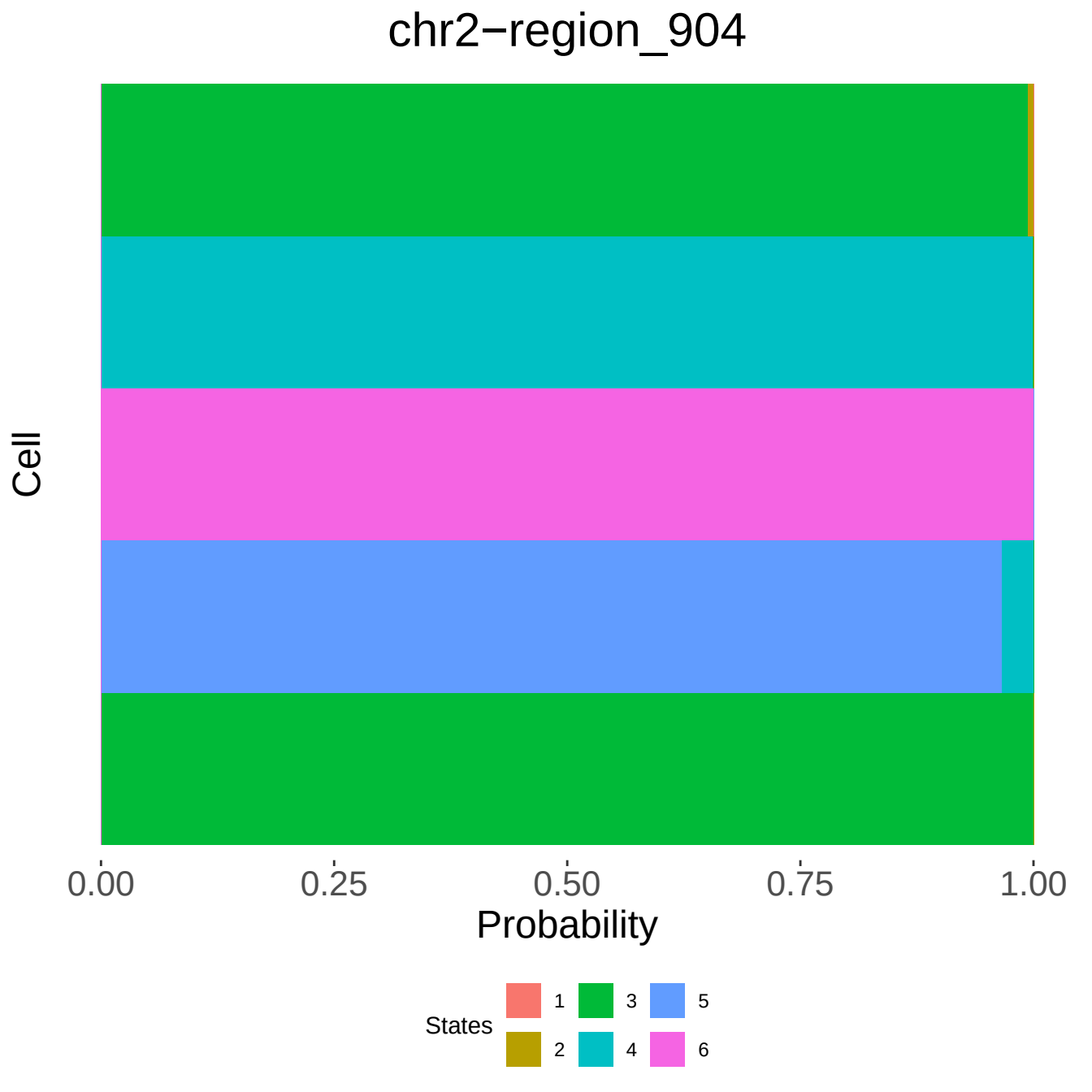
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Probability
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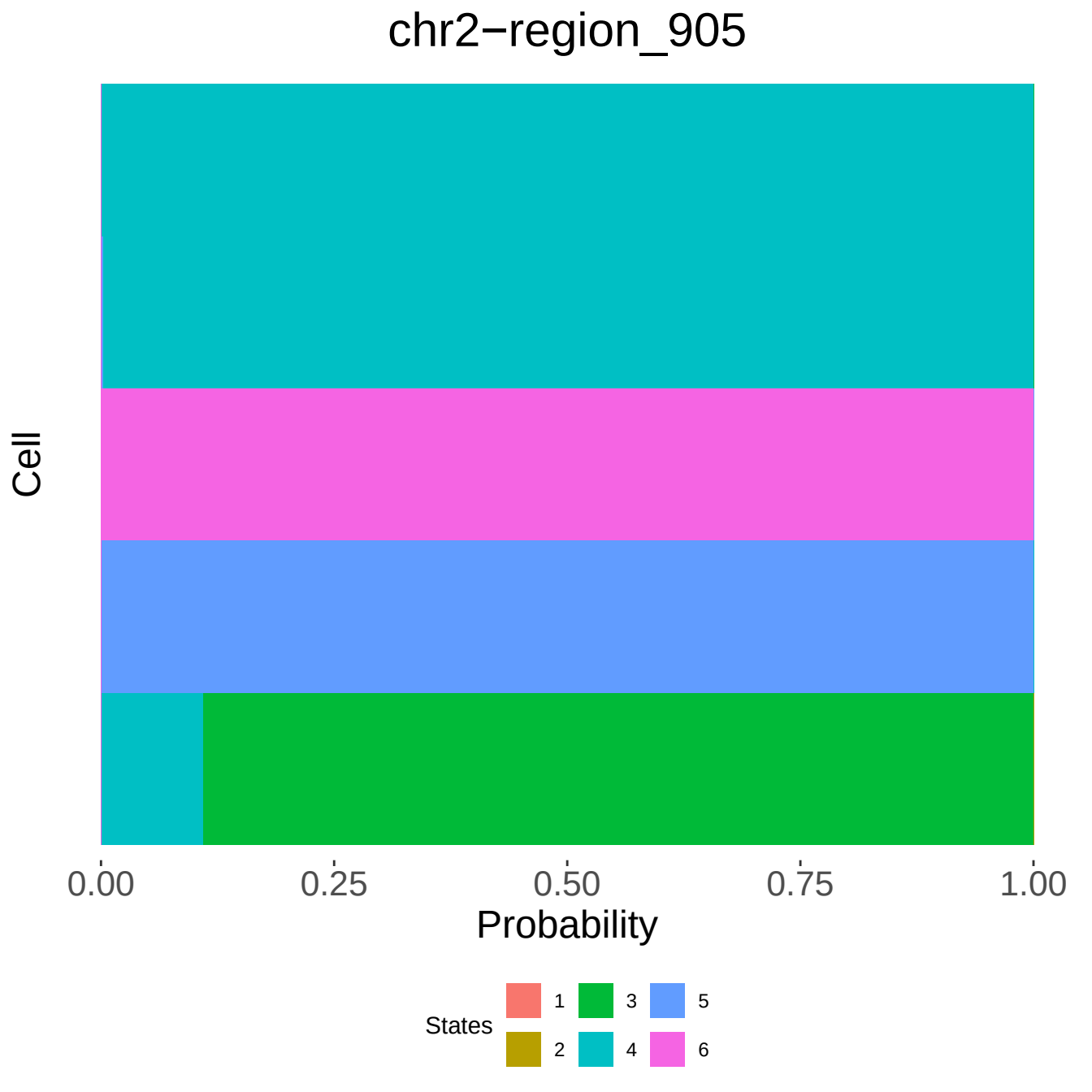
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Probability
States
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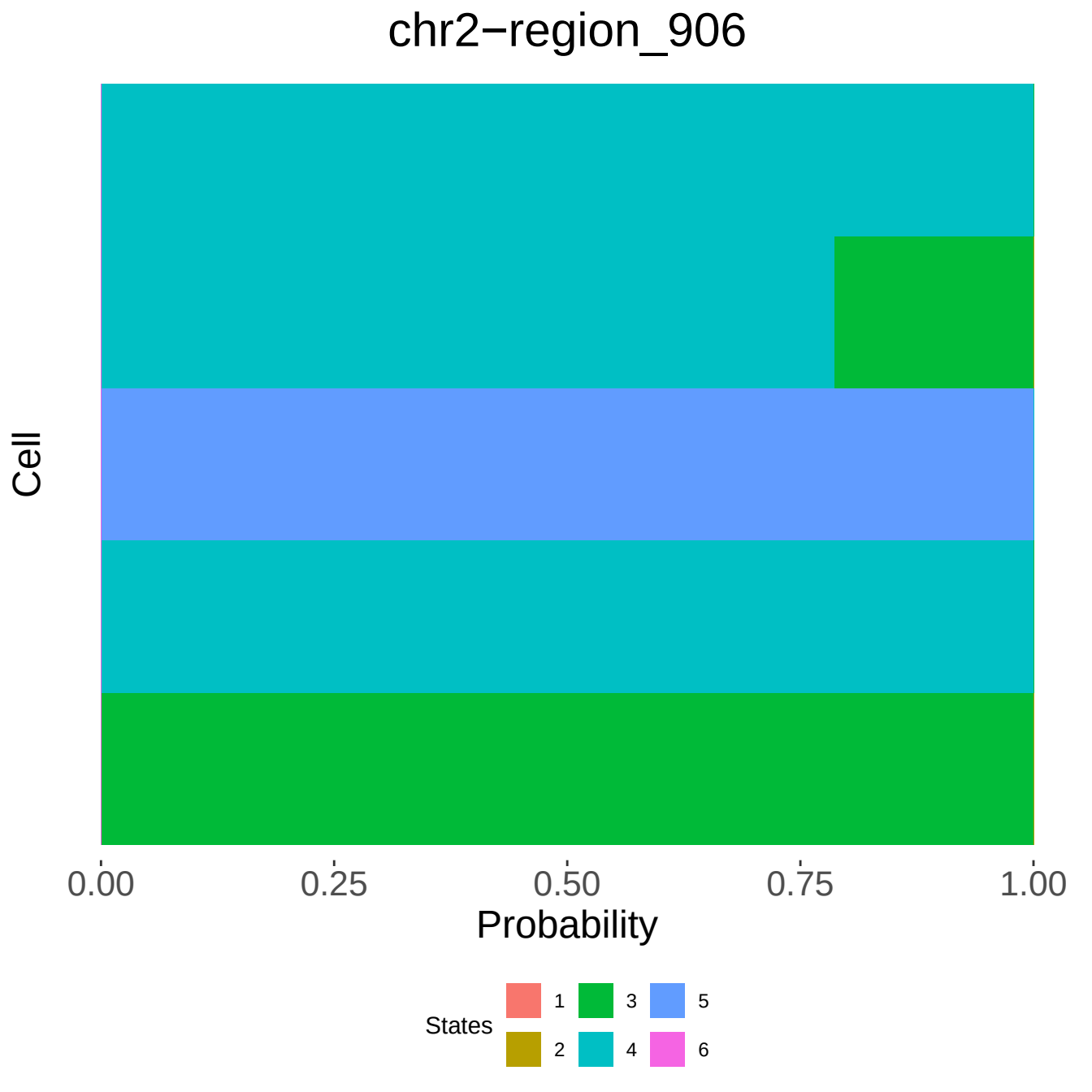
chr2−region_906
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Probability
States
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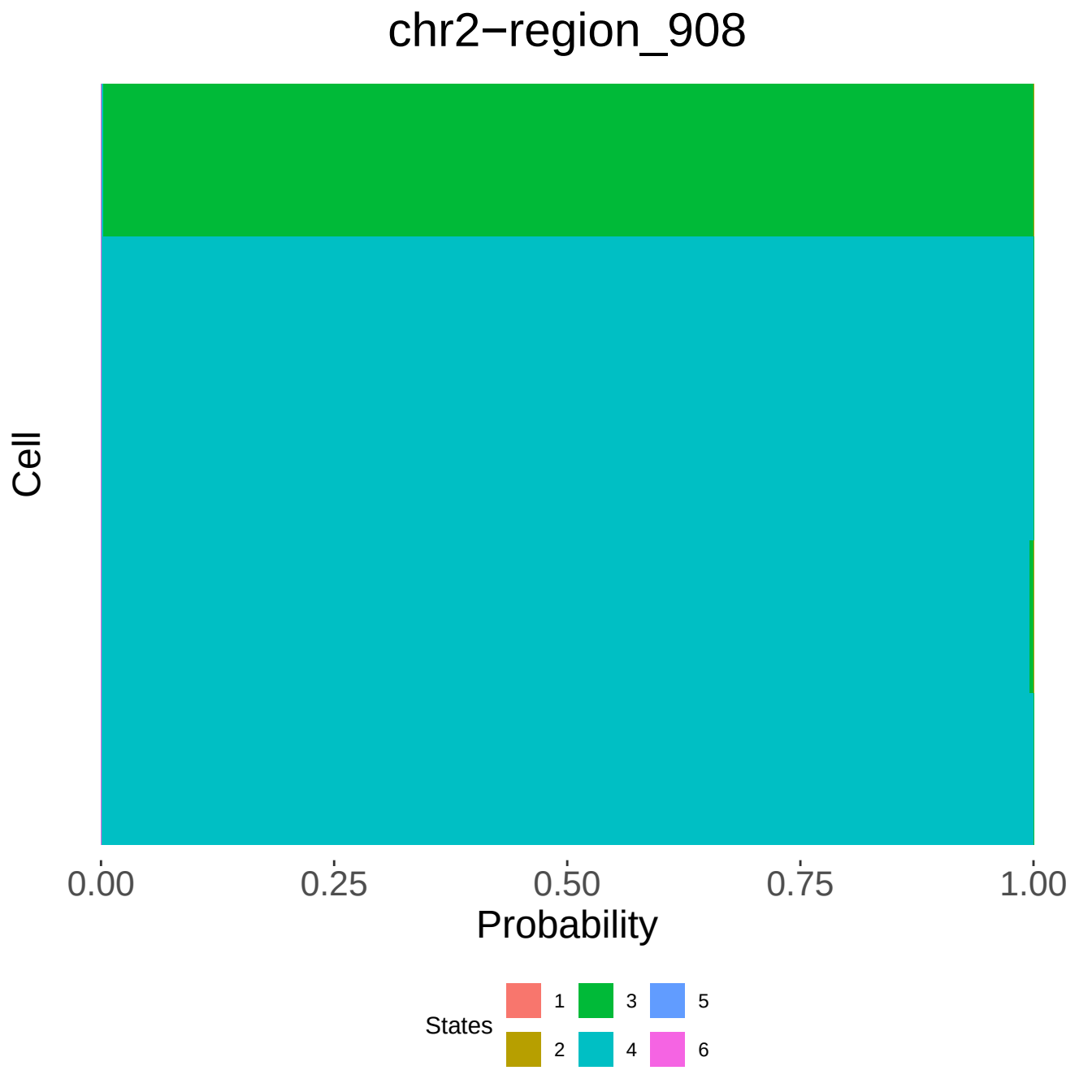
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Probability
States
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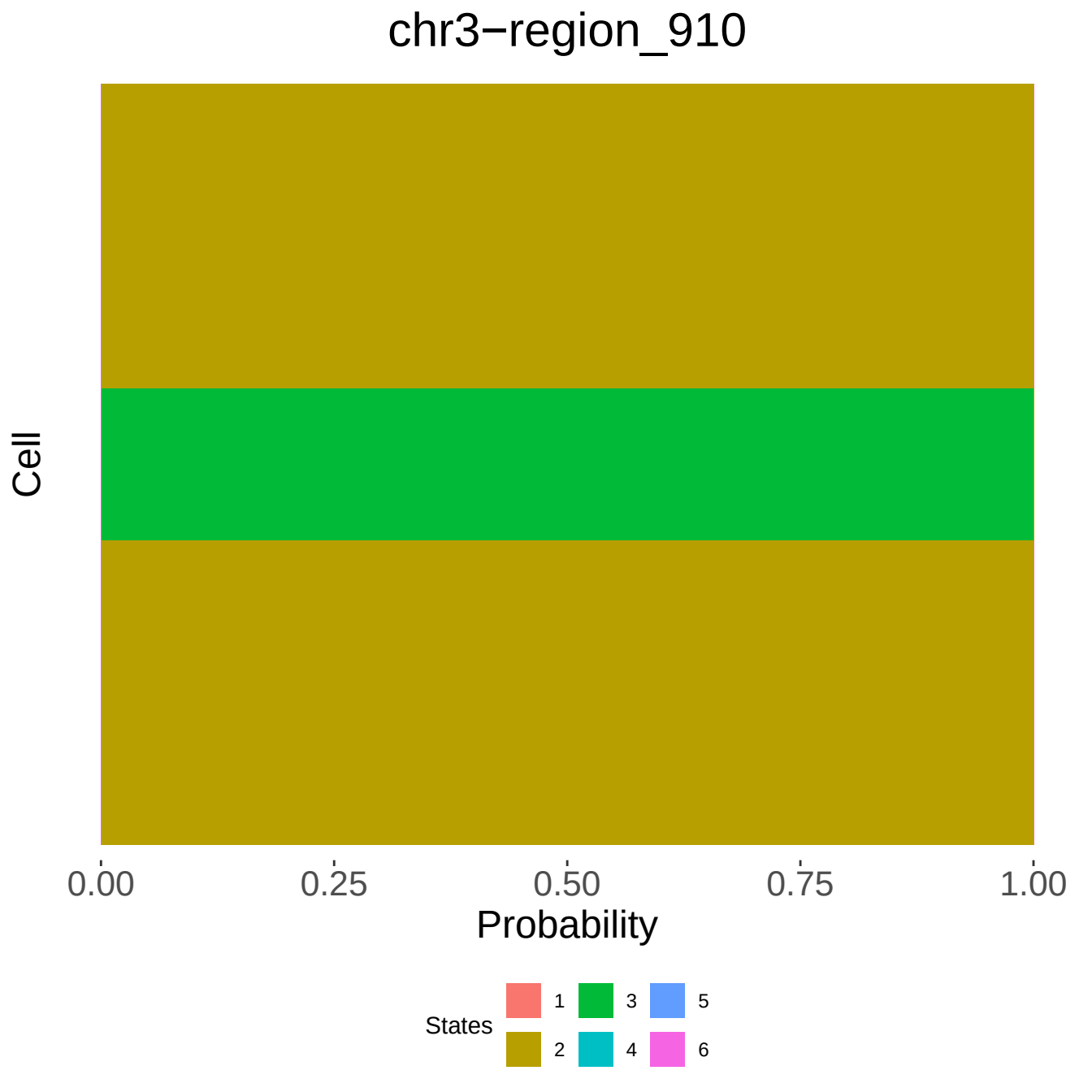
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Probability
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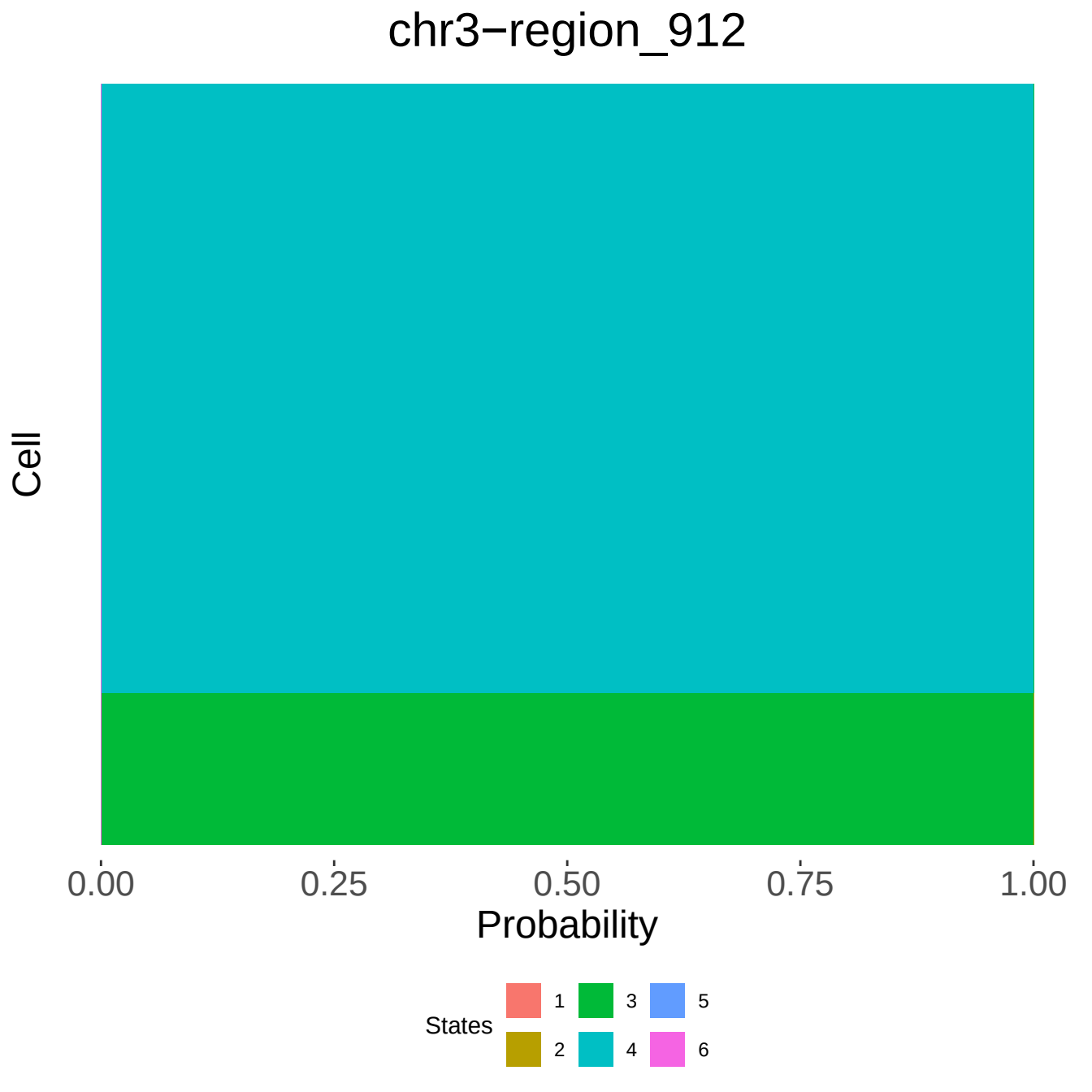
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Probability
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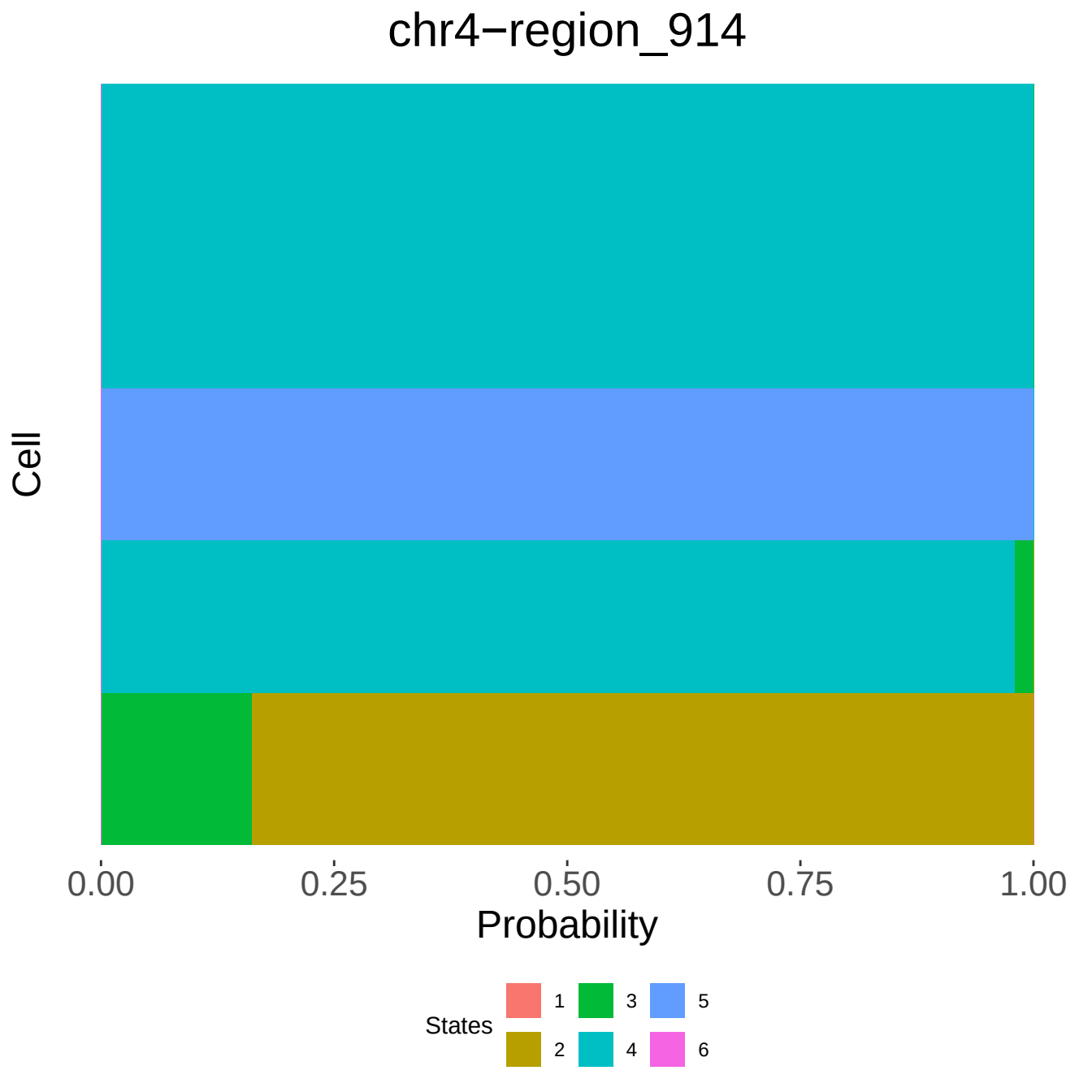
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Probability
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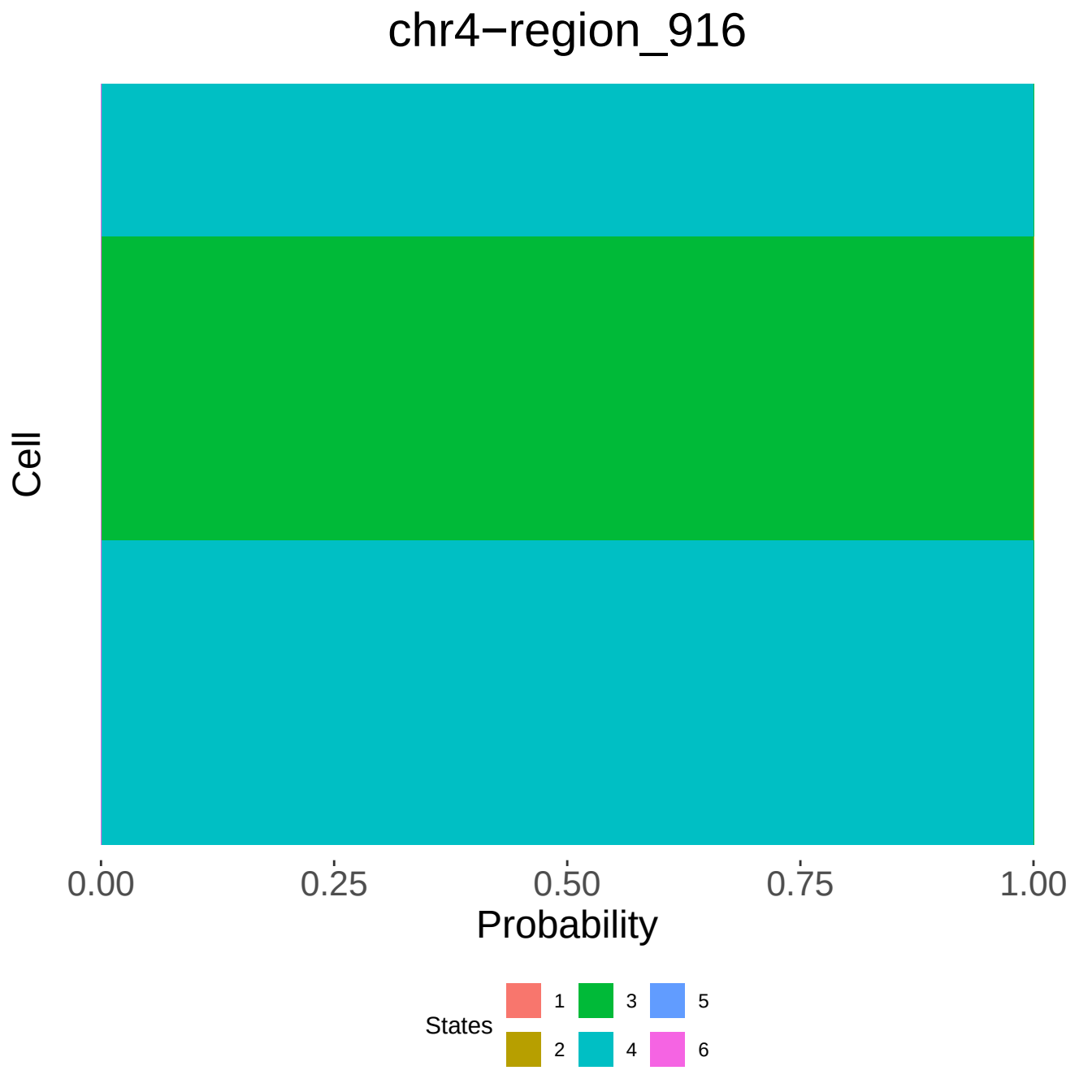
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Probability
States
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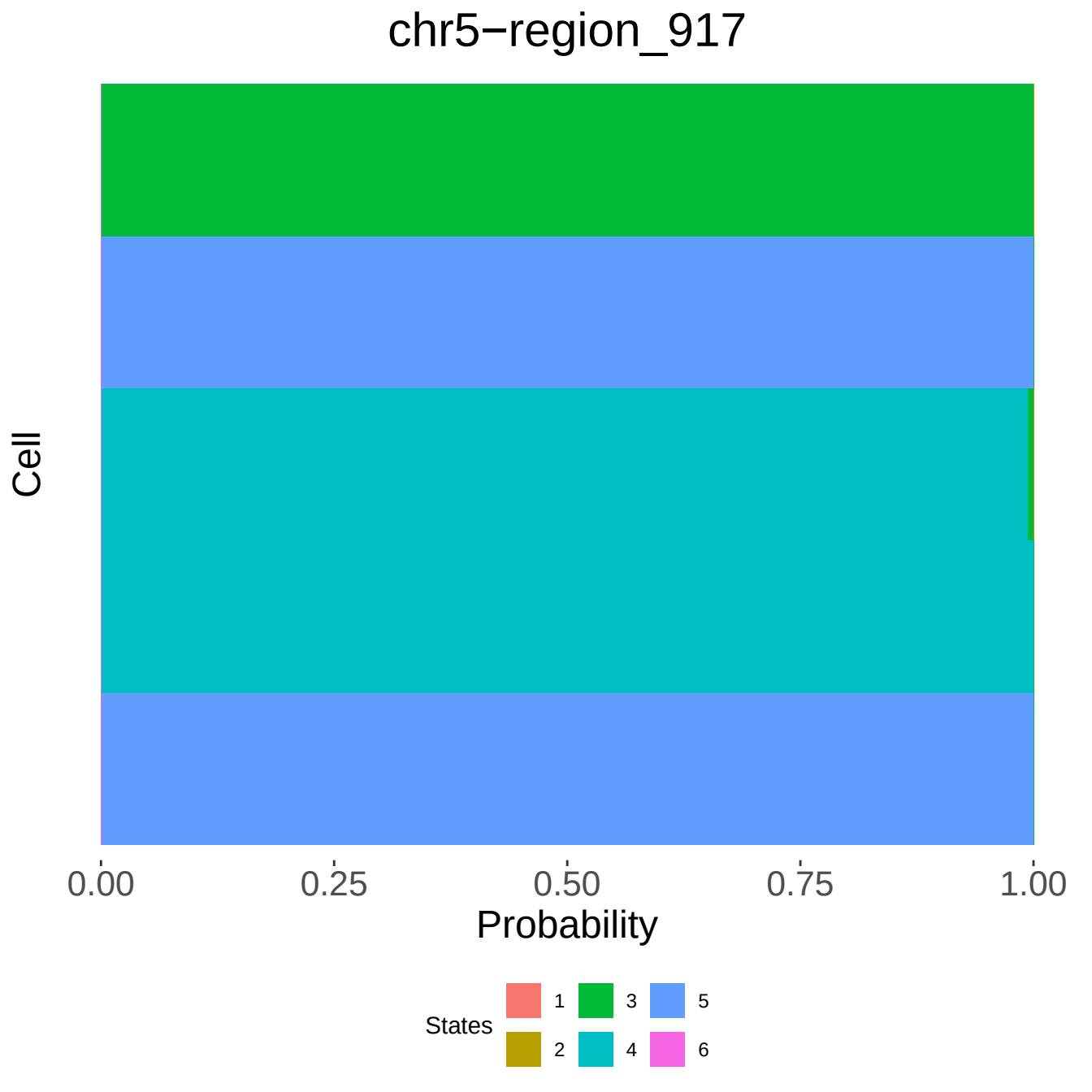
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Probability
States
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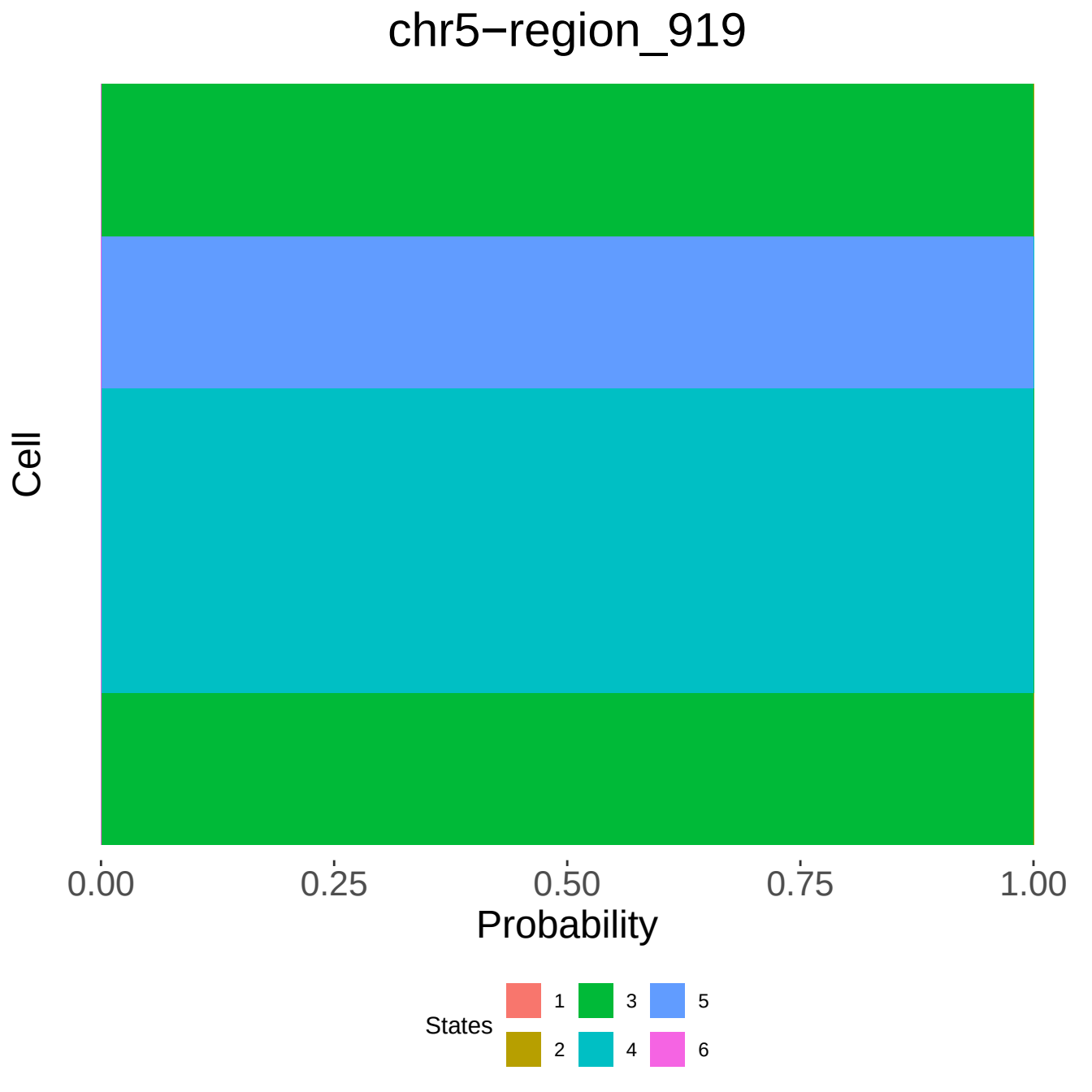
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Probability
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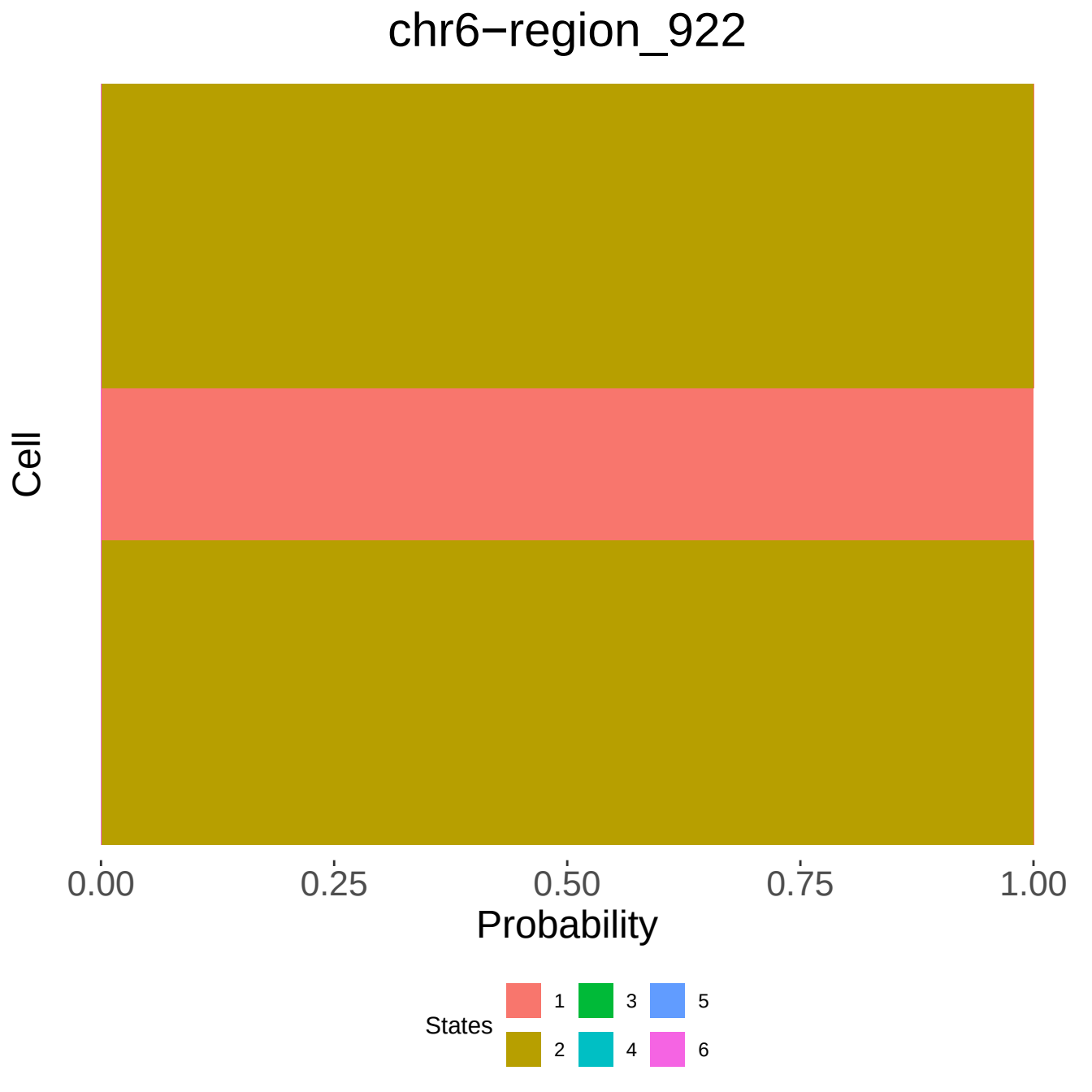
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Probability
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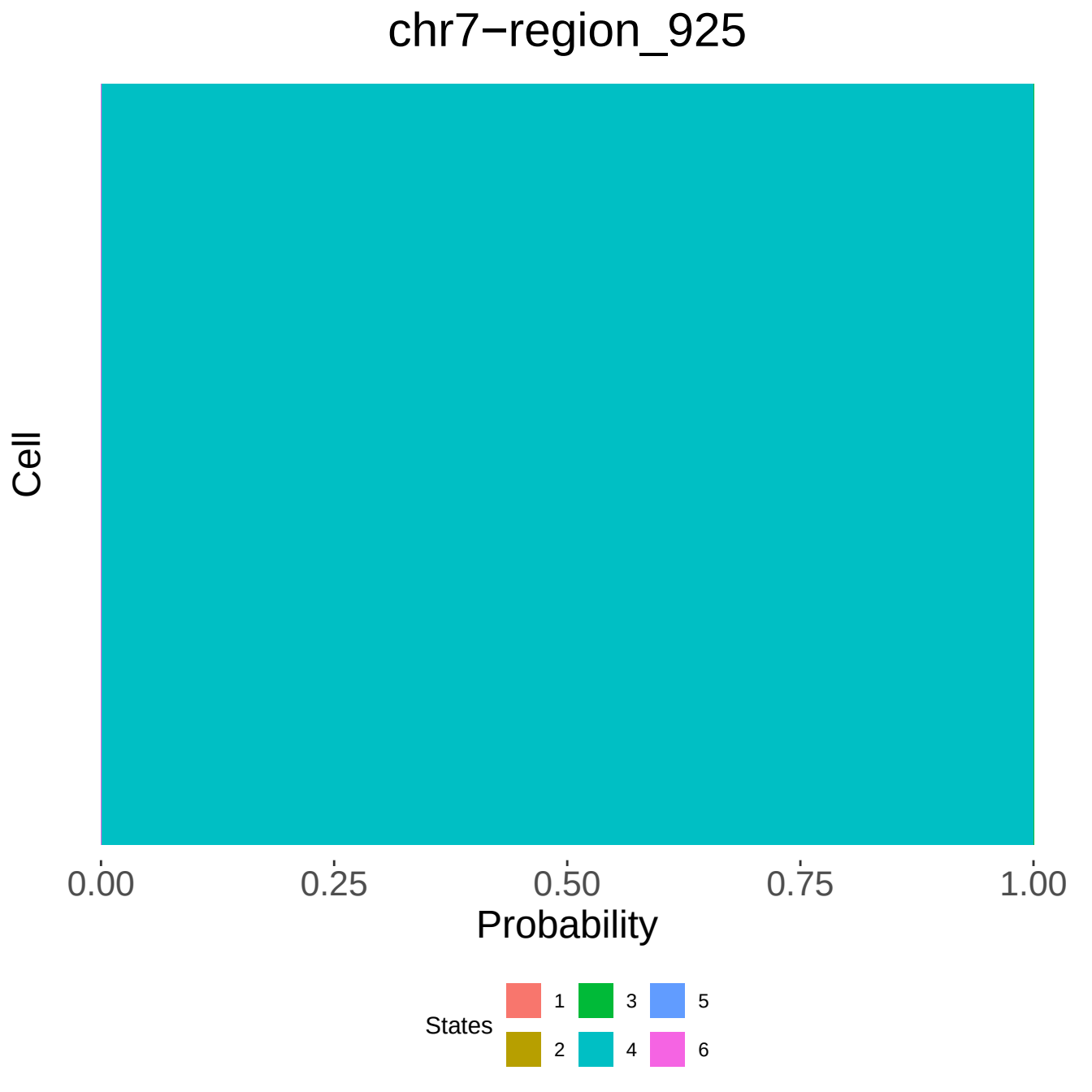
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Probability
States
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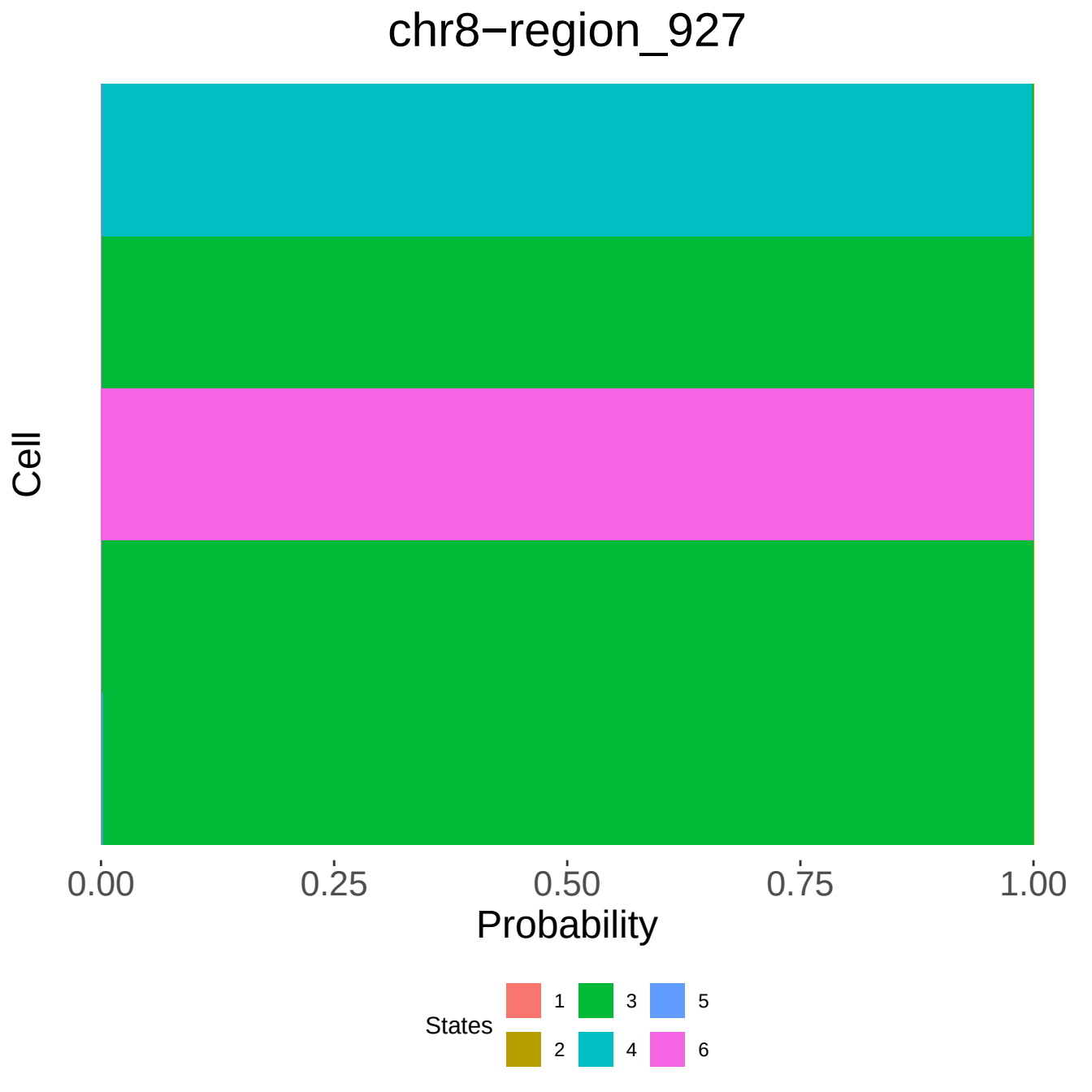
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Probability
States
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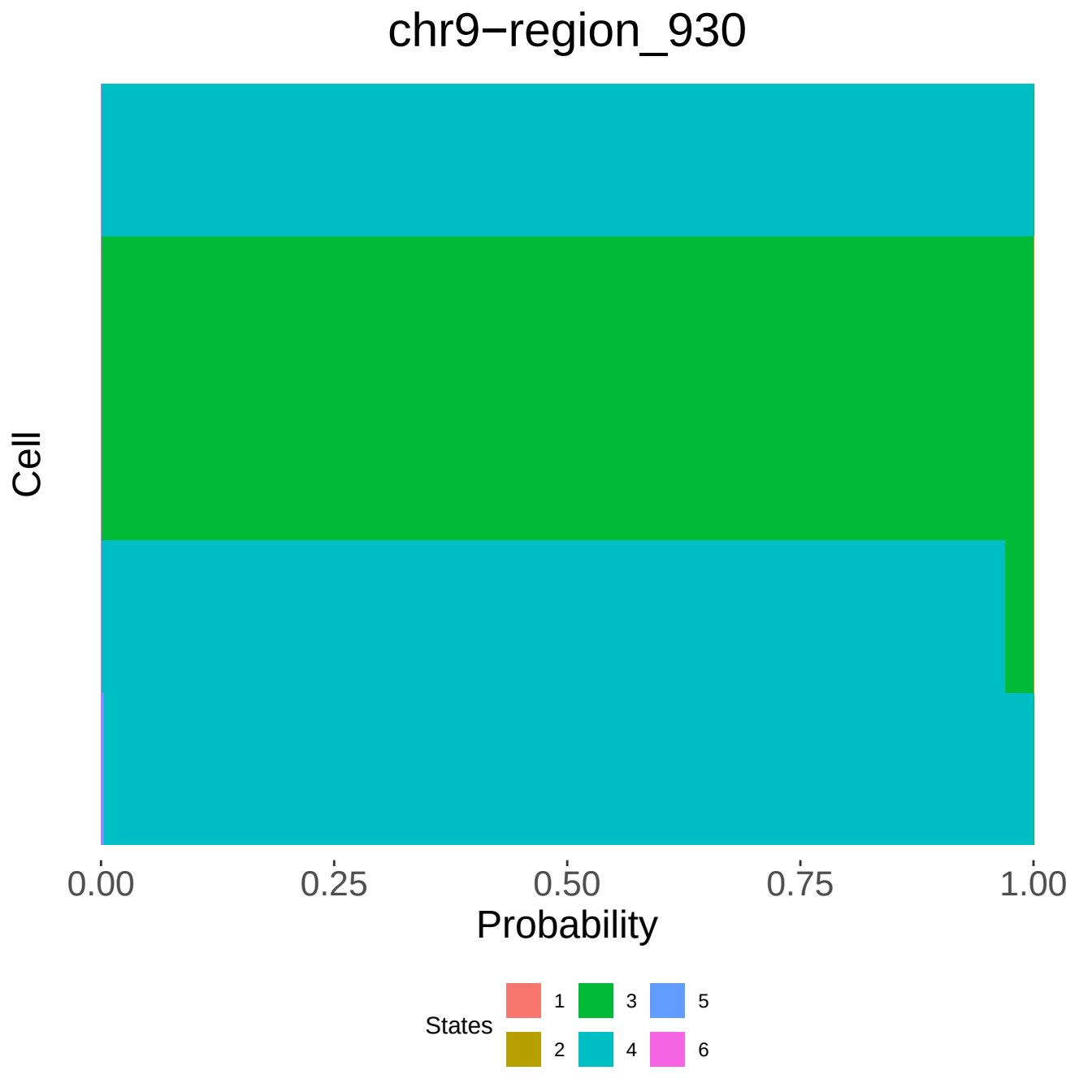
chr9−region_930
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Probability
States
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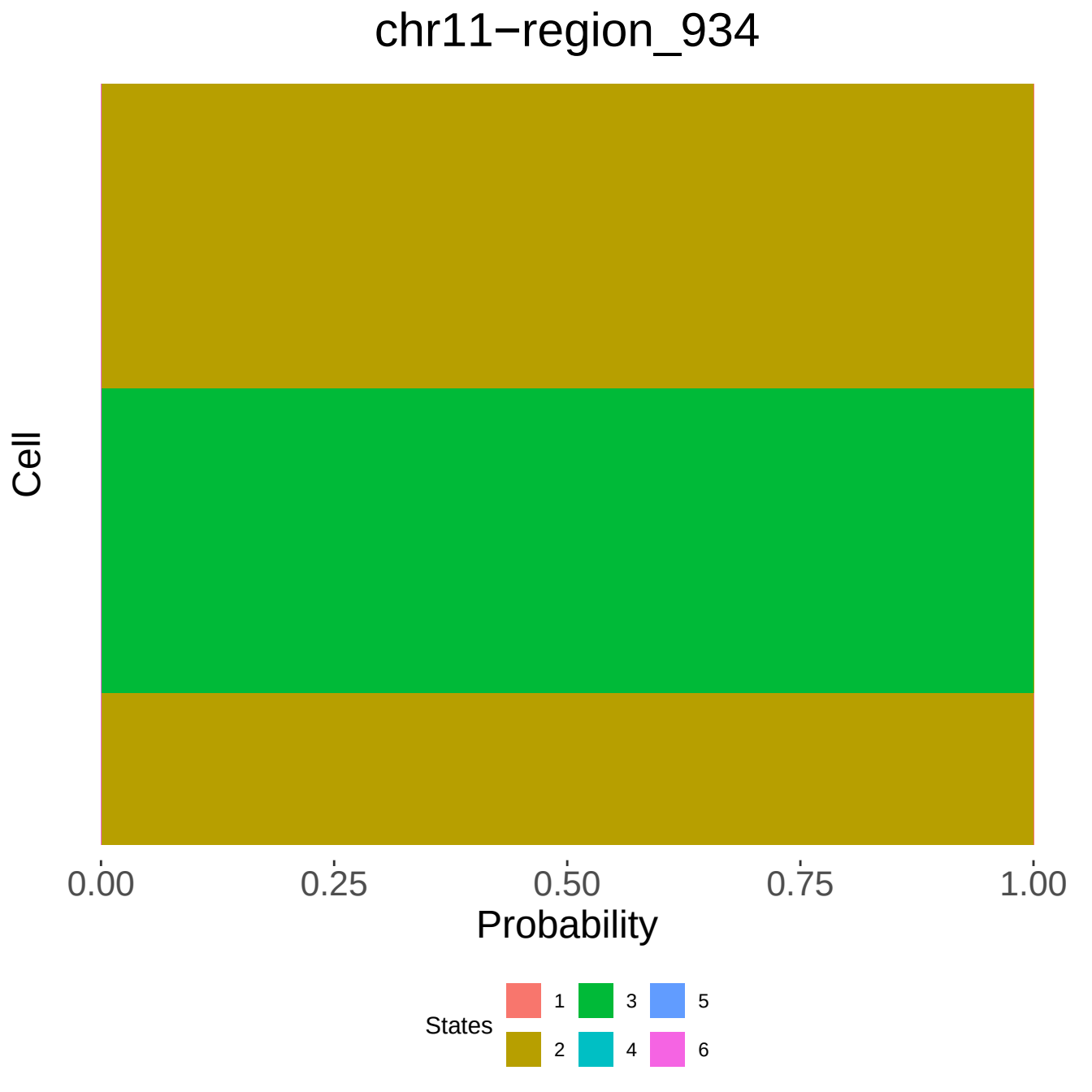
chr11−region_934
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Probability
States
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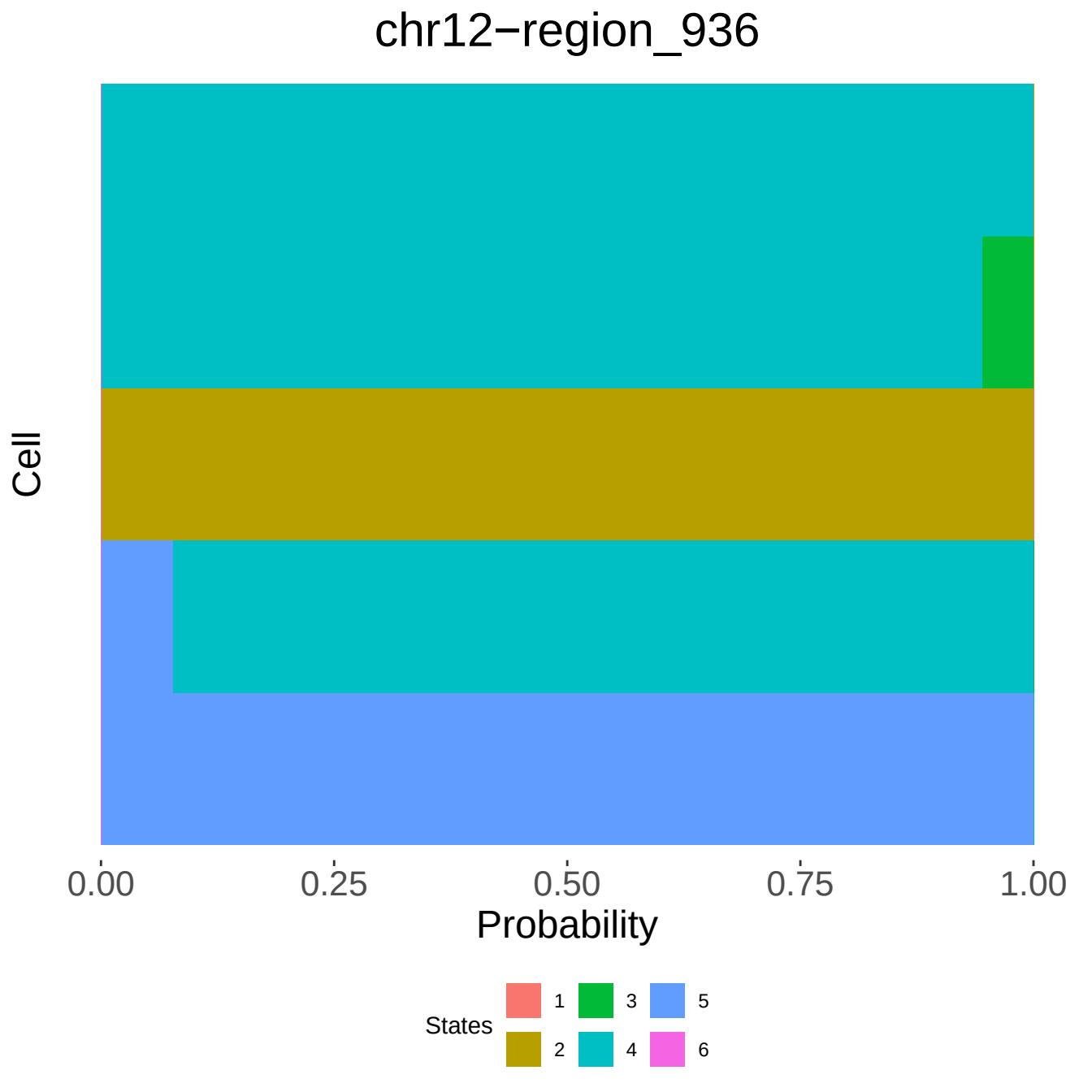
chr12−region_936
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Probability
States
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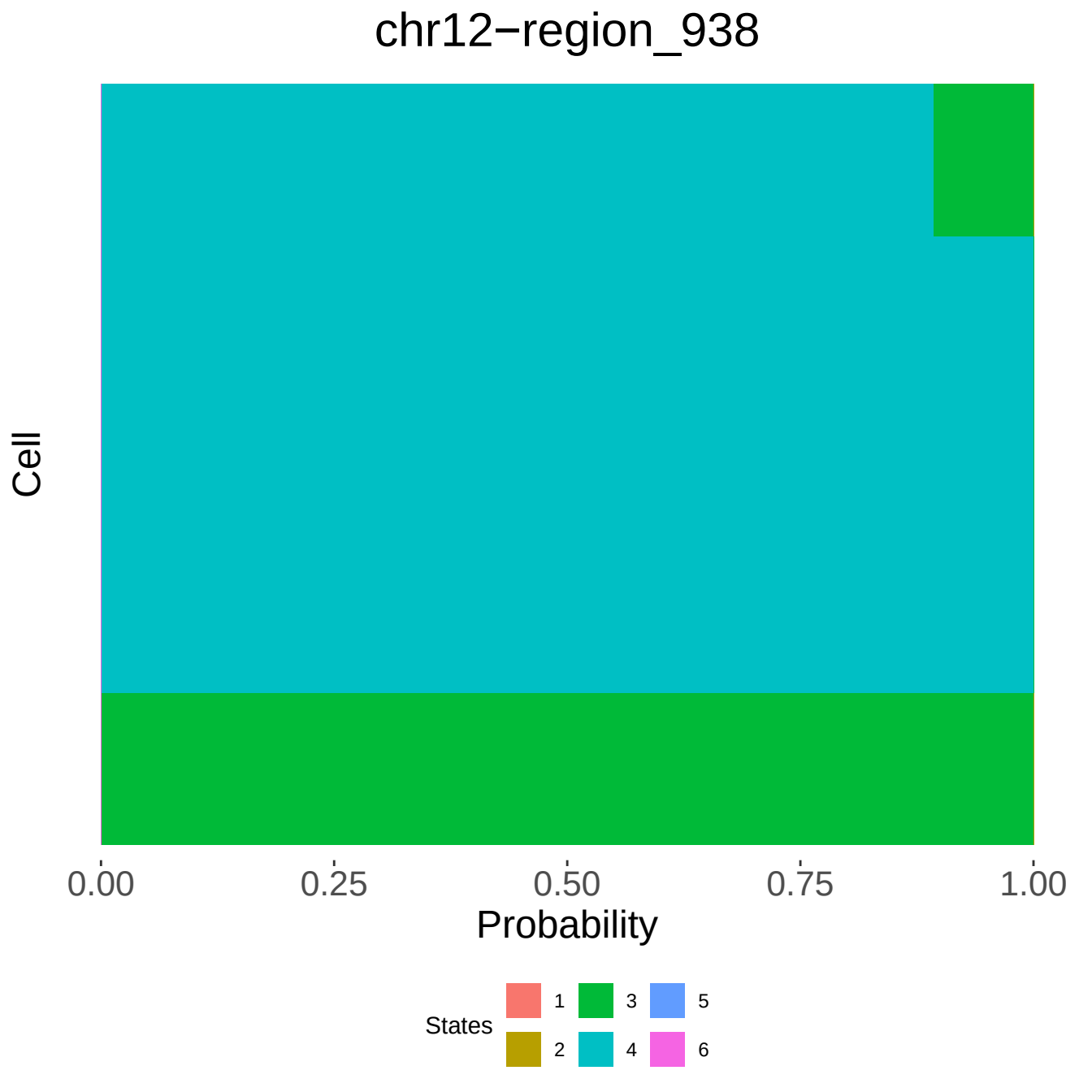
chr12−region_938
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Probability
States
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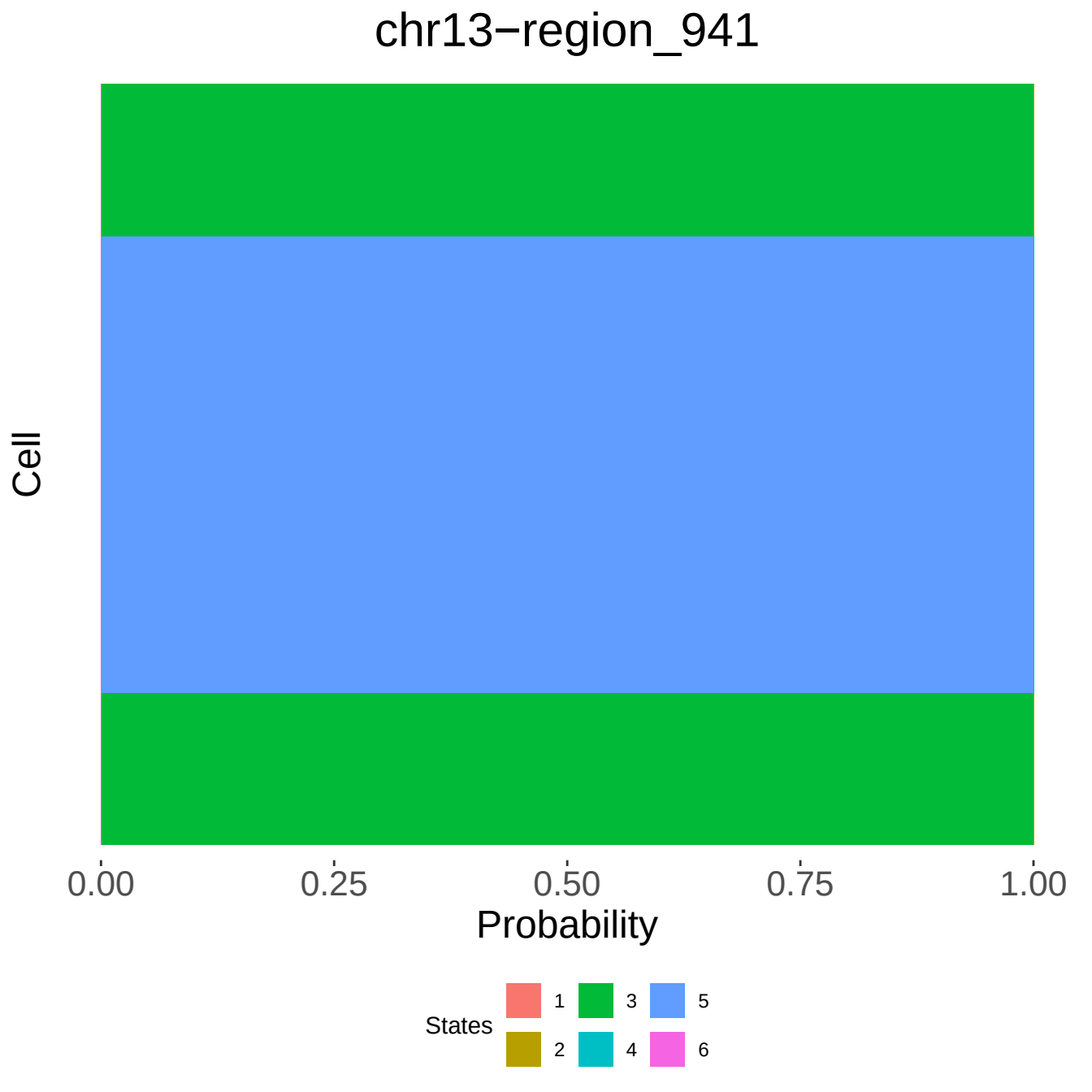
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Probability
States
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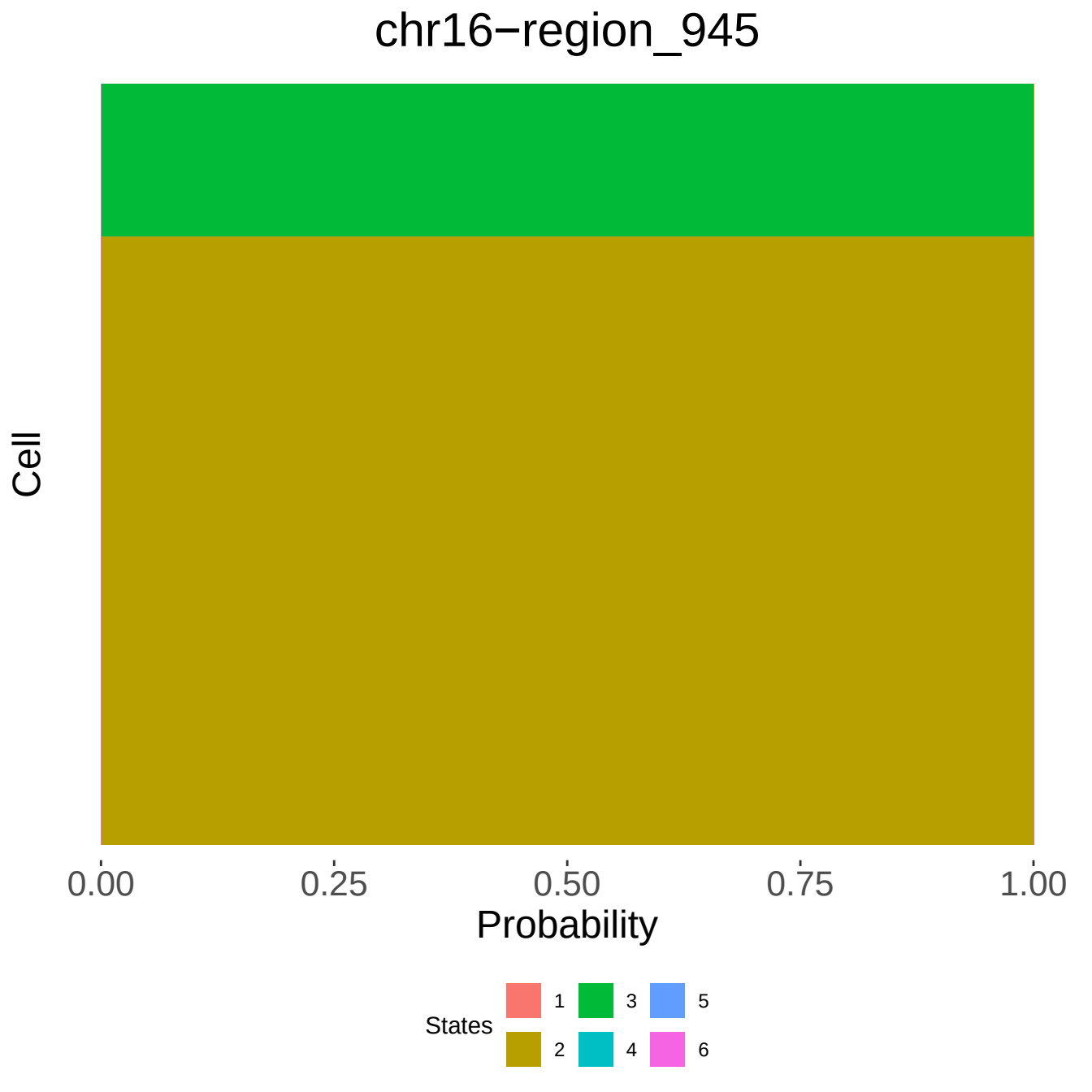
chr16−region_945
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Probability
States
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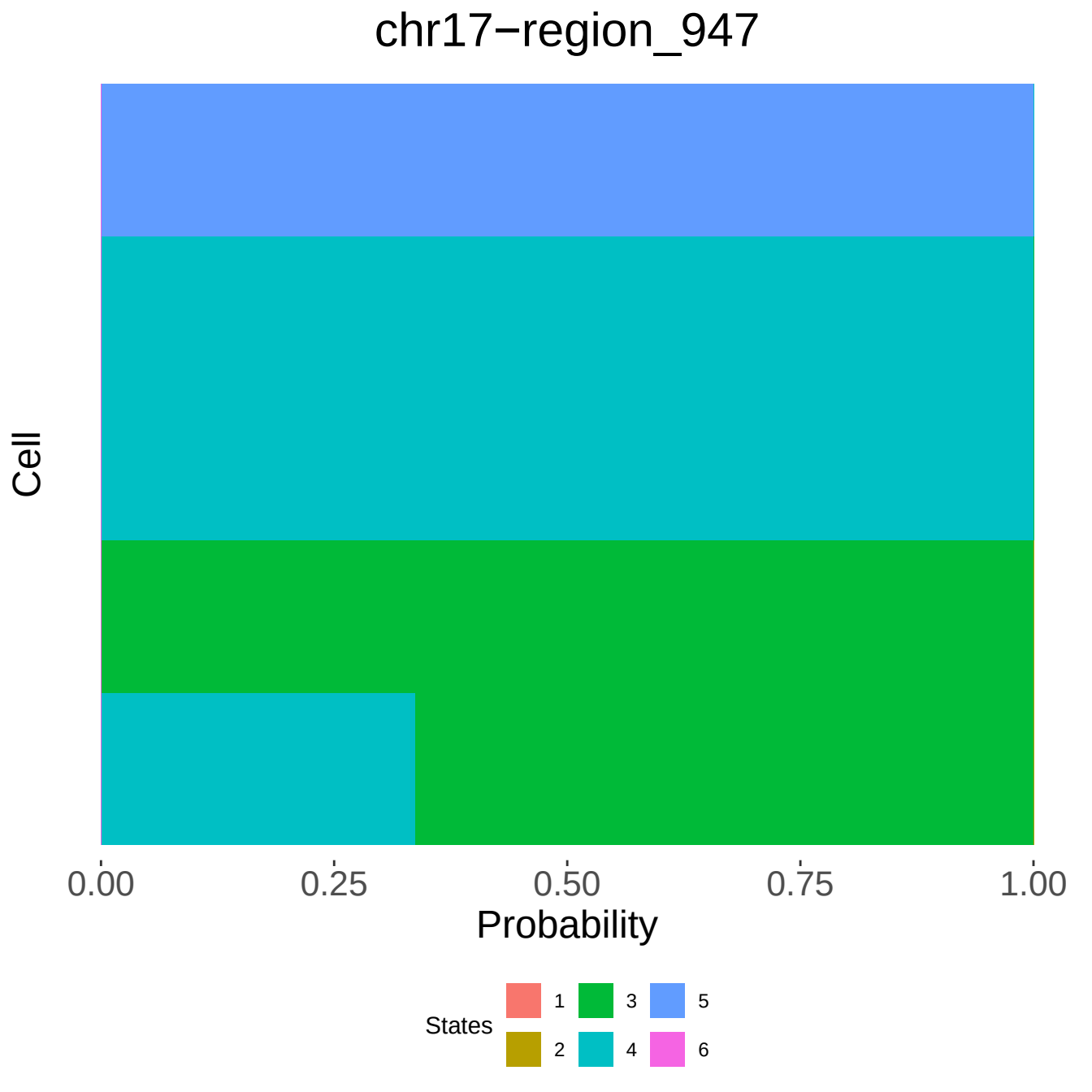
chr17−region_947
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Probability
States
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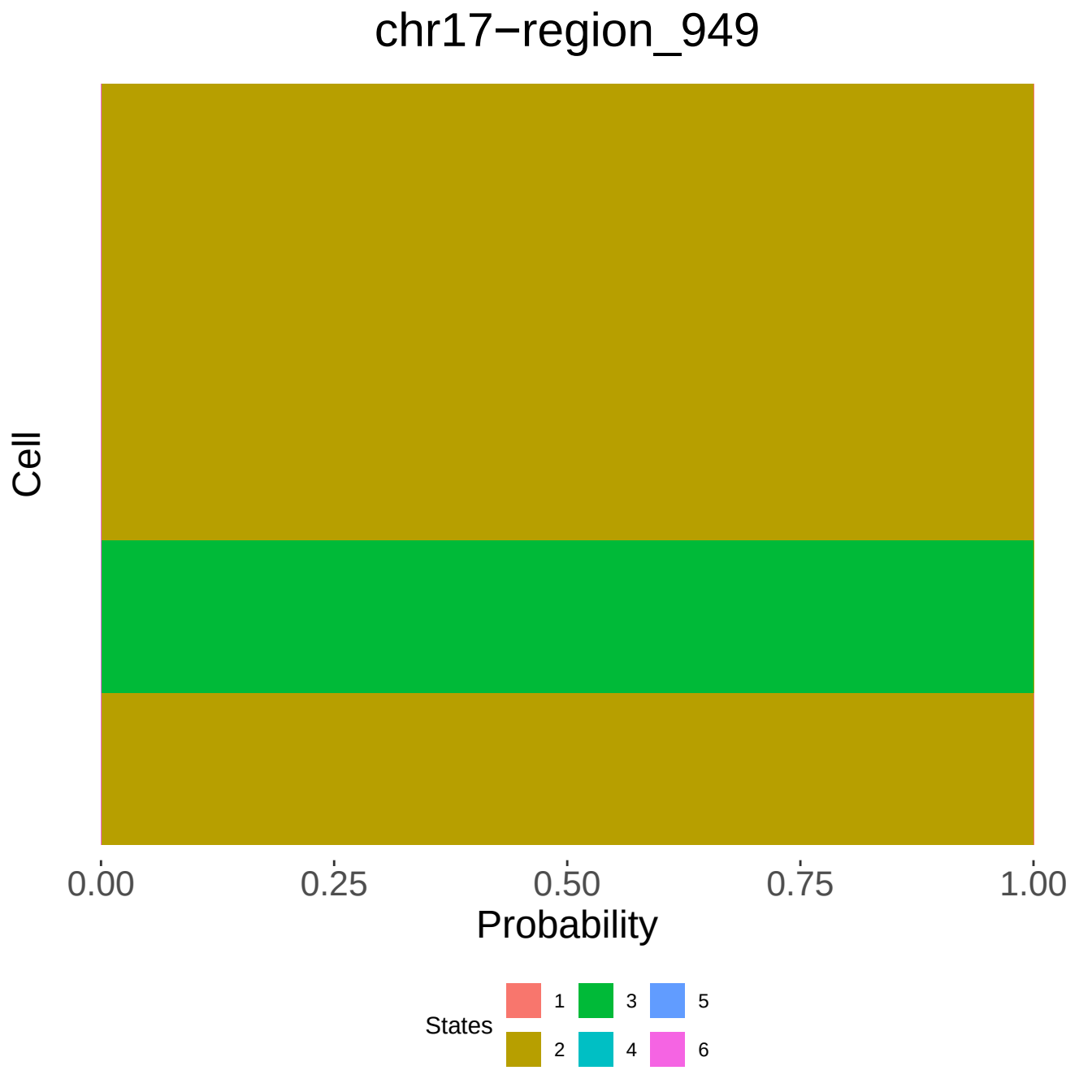
chr17−region_949
Cell
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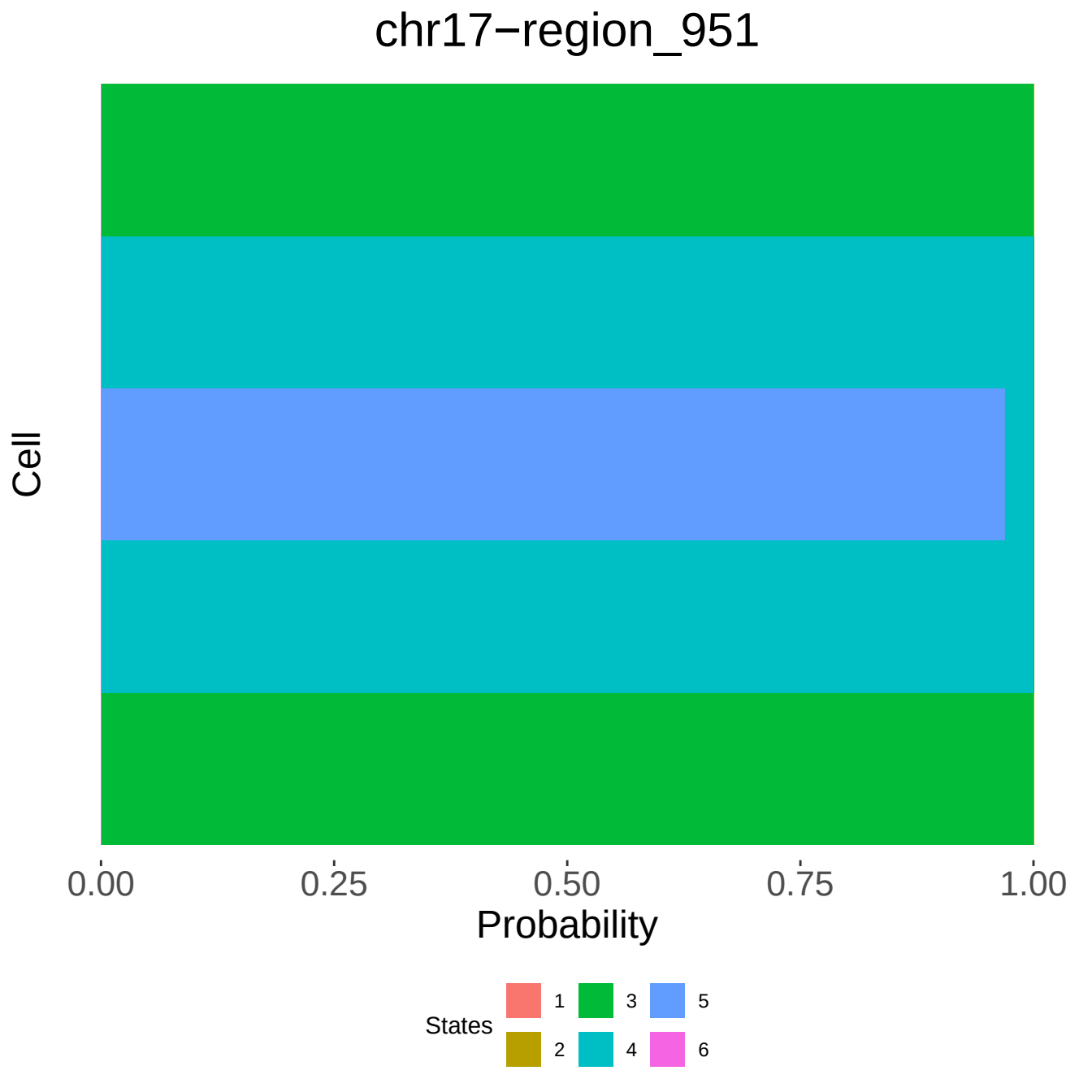
0.25
0.50
0.75
1.00
Probability
States
1
2
3
4
5
6


chr17−region_951
Cell
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0.25
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0.75
1.00
Probability
States
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2
3
4
5
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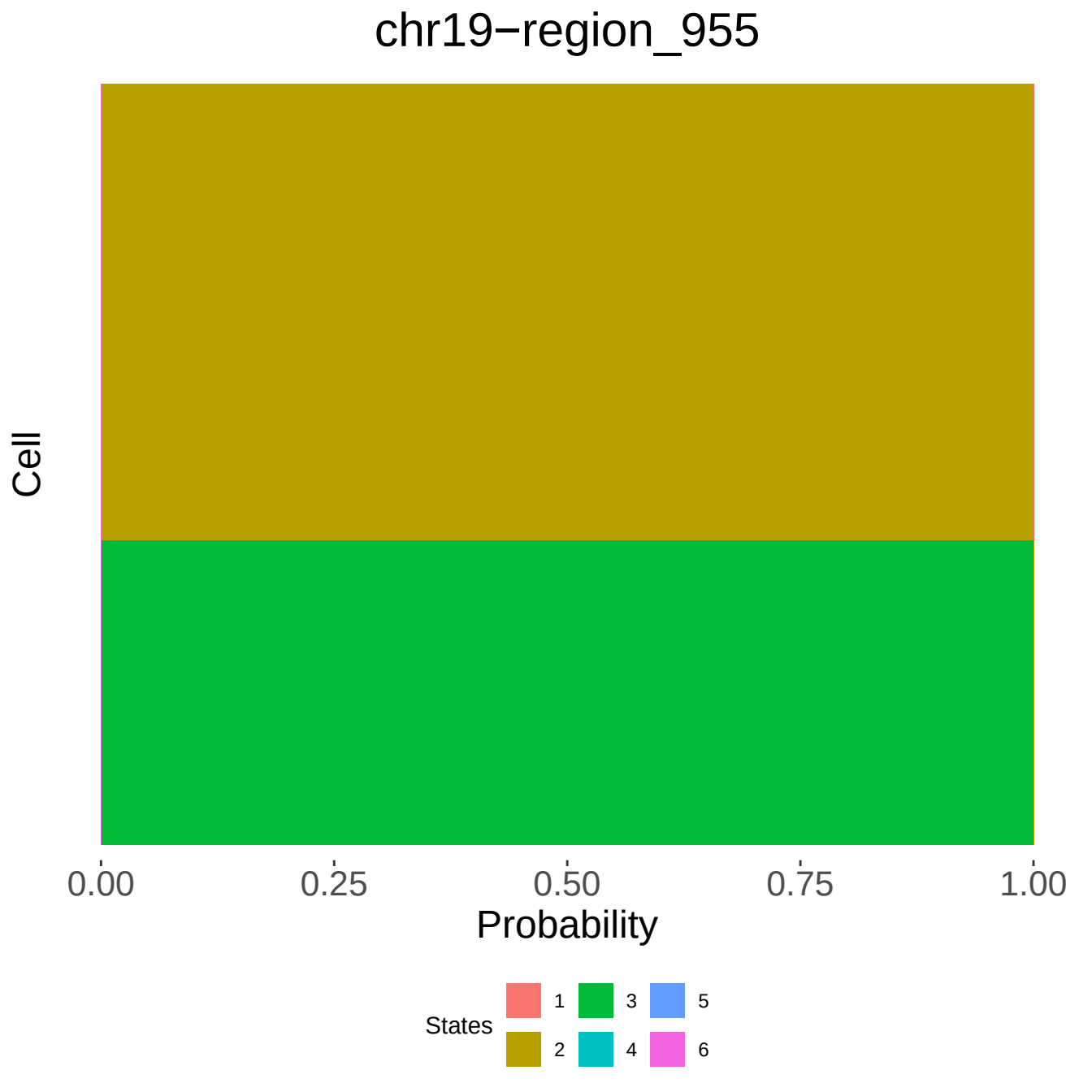
chr19−region_955
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0.75
1.00
Probability
States
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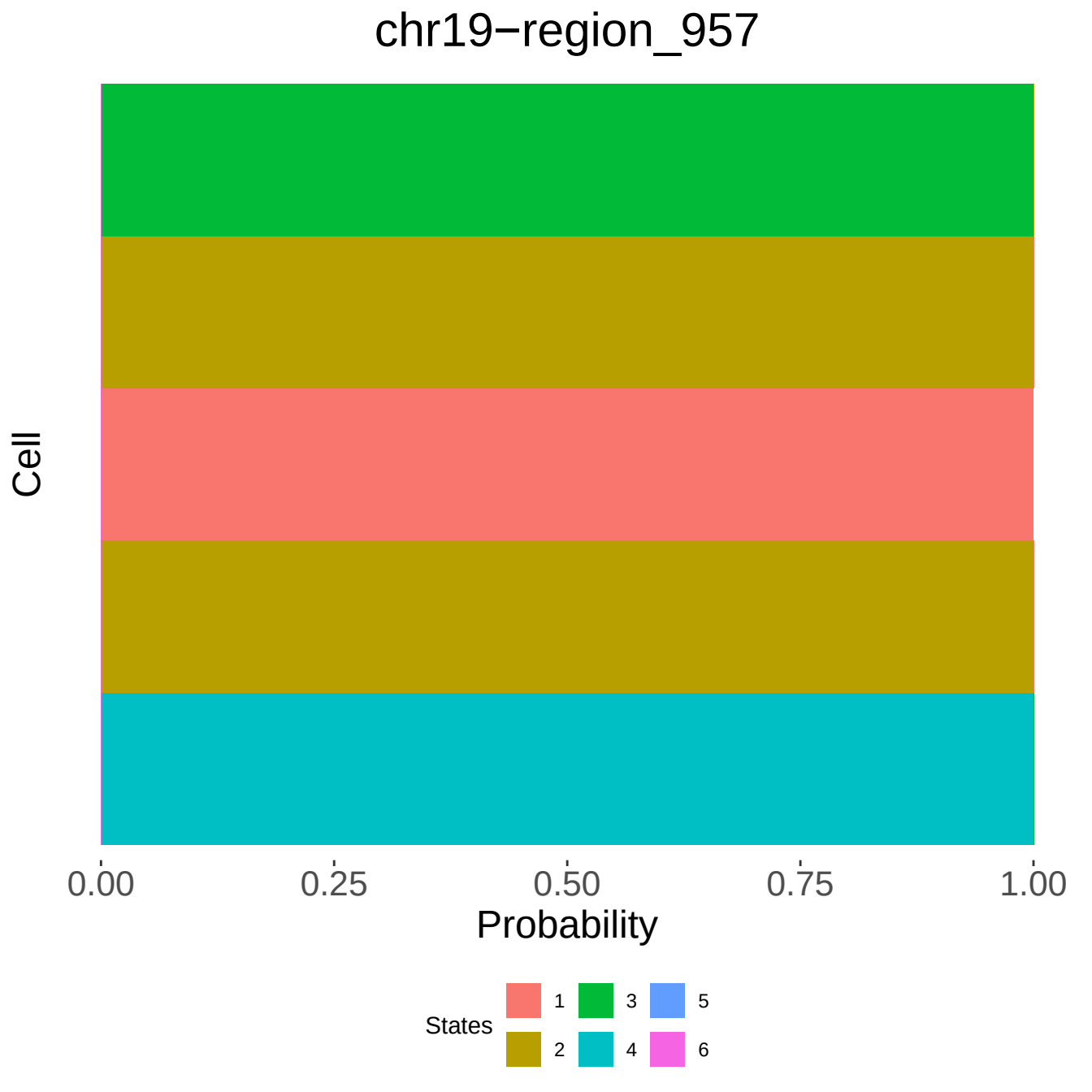
chr19−region_957
Cell
0.00
0.25
0.50
0.75
1.00
Probability
States
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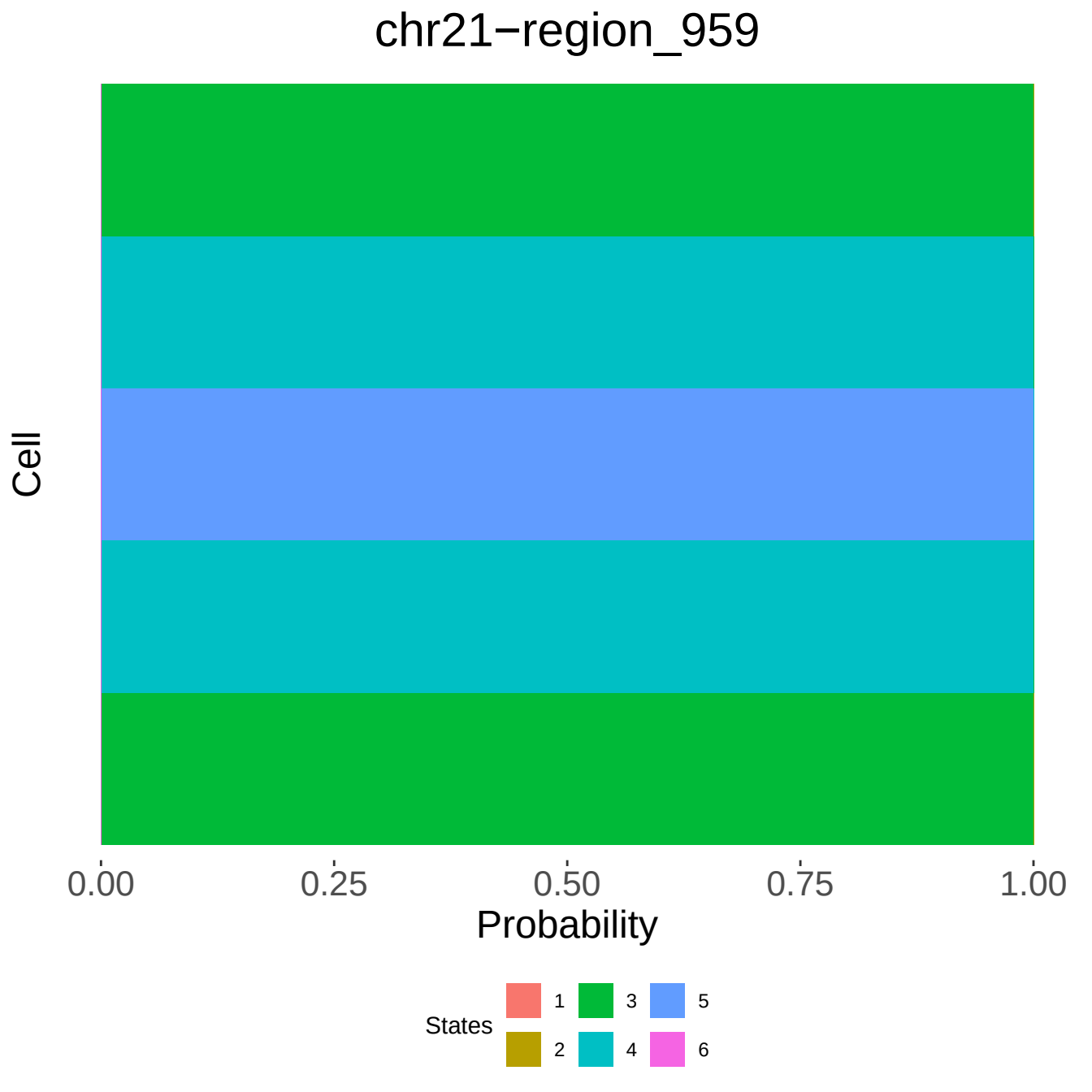
3
5
2
4
6


chr21−region_959
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0.75
1.00
Probability
States
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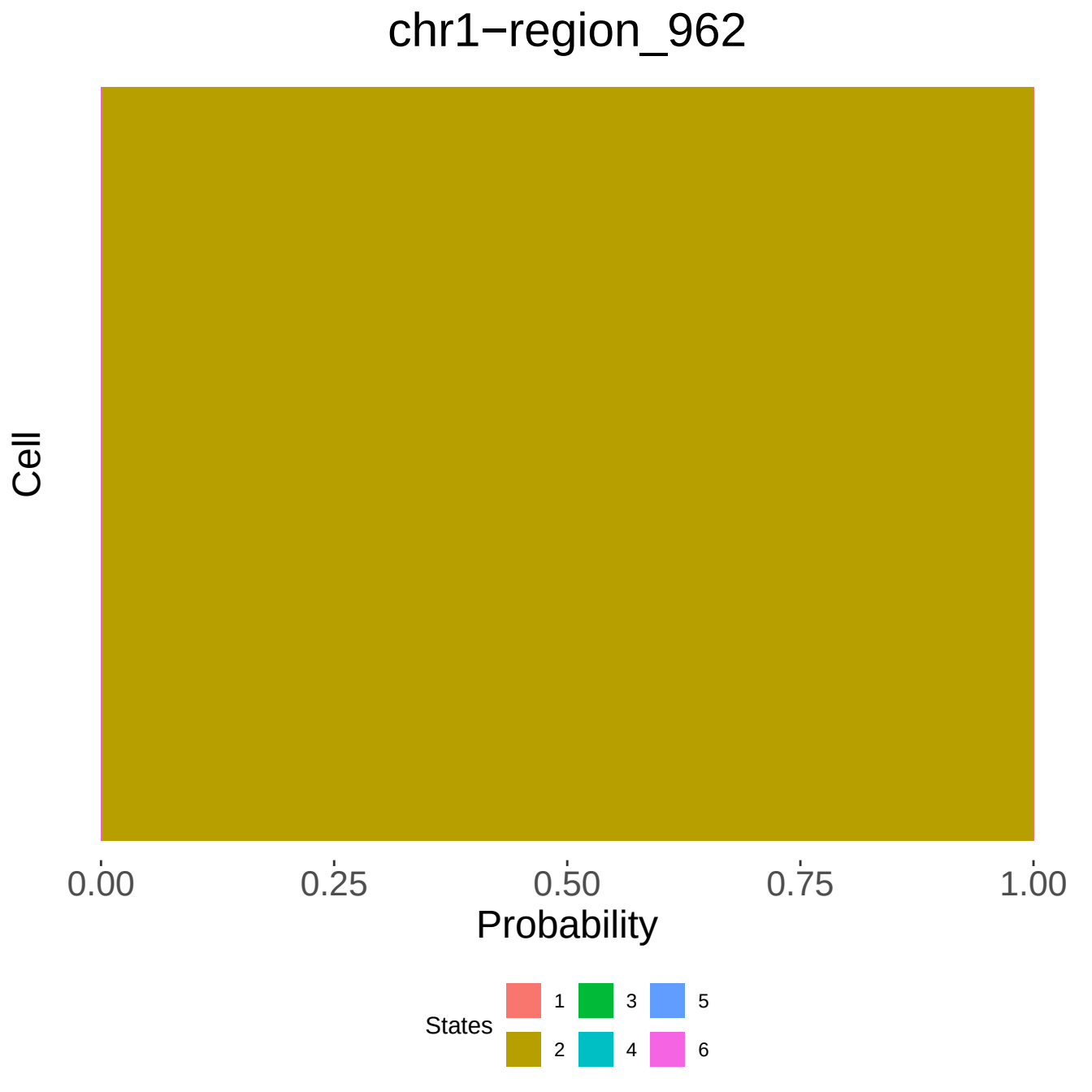
chr1−region_962
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0.75
1.00
Probability
States
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3
4
5
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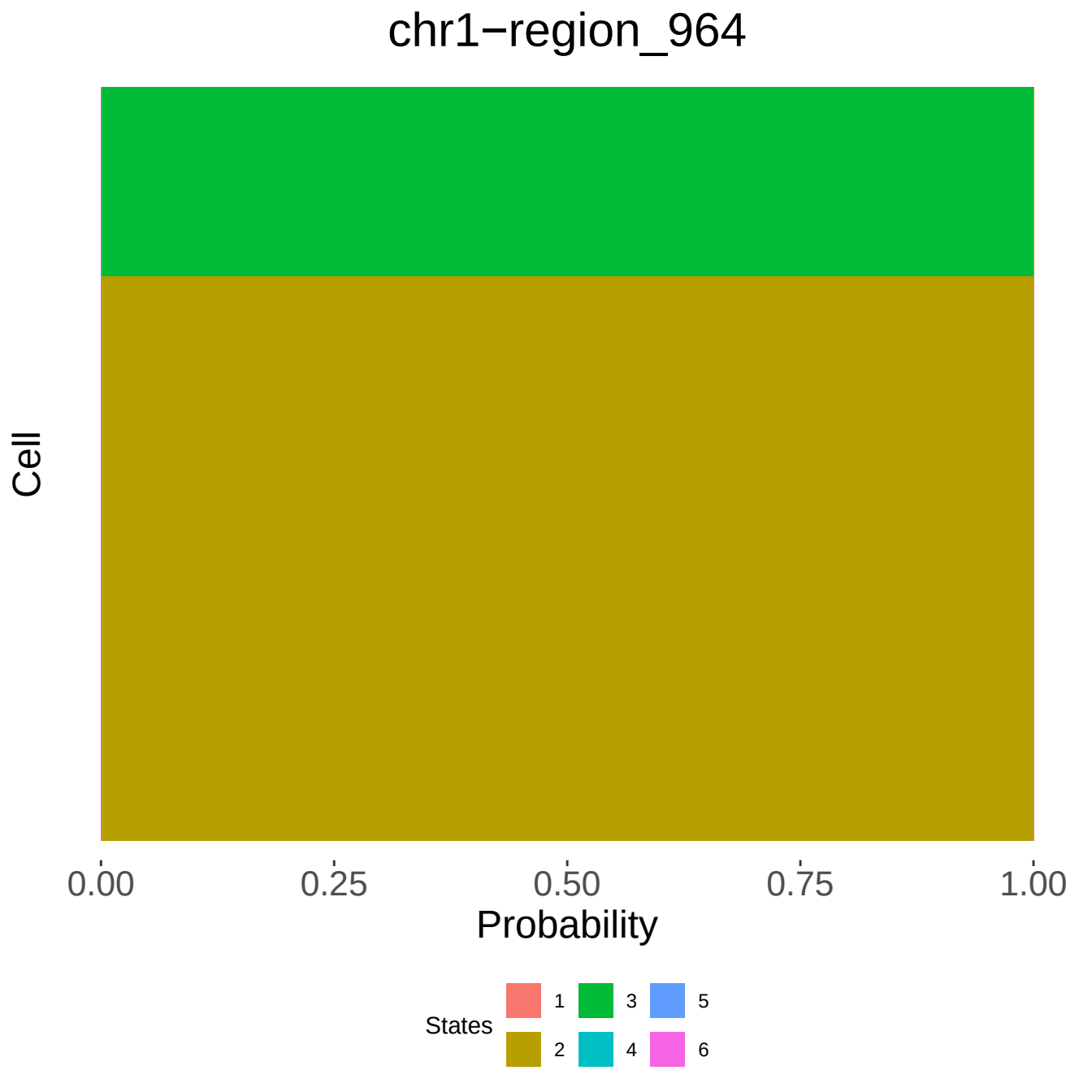
chr1−region_964
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0.75
1.00
Probability
States
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3
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5
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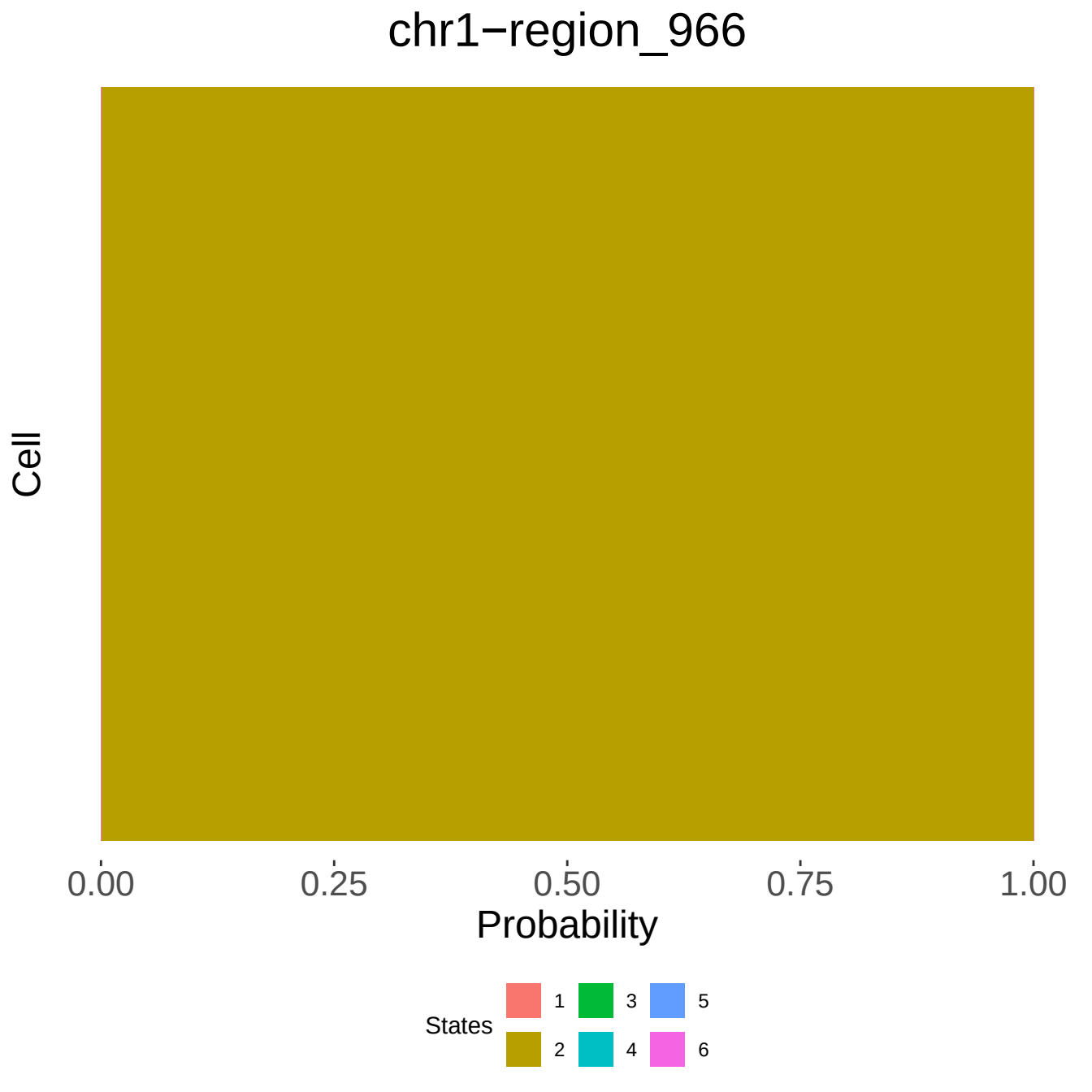
chr1−region_966
Cell
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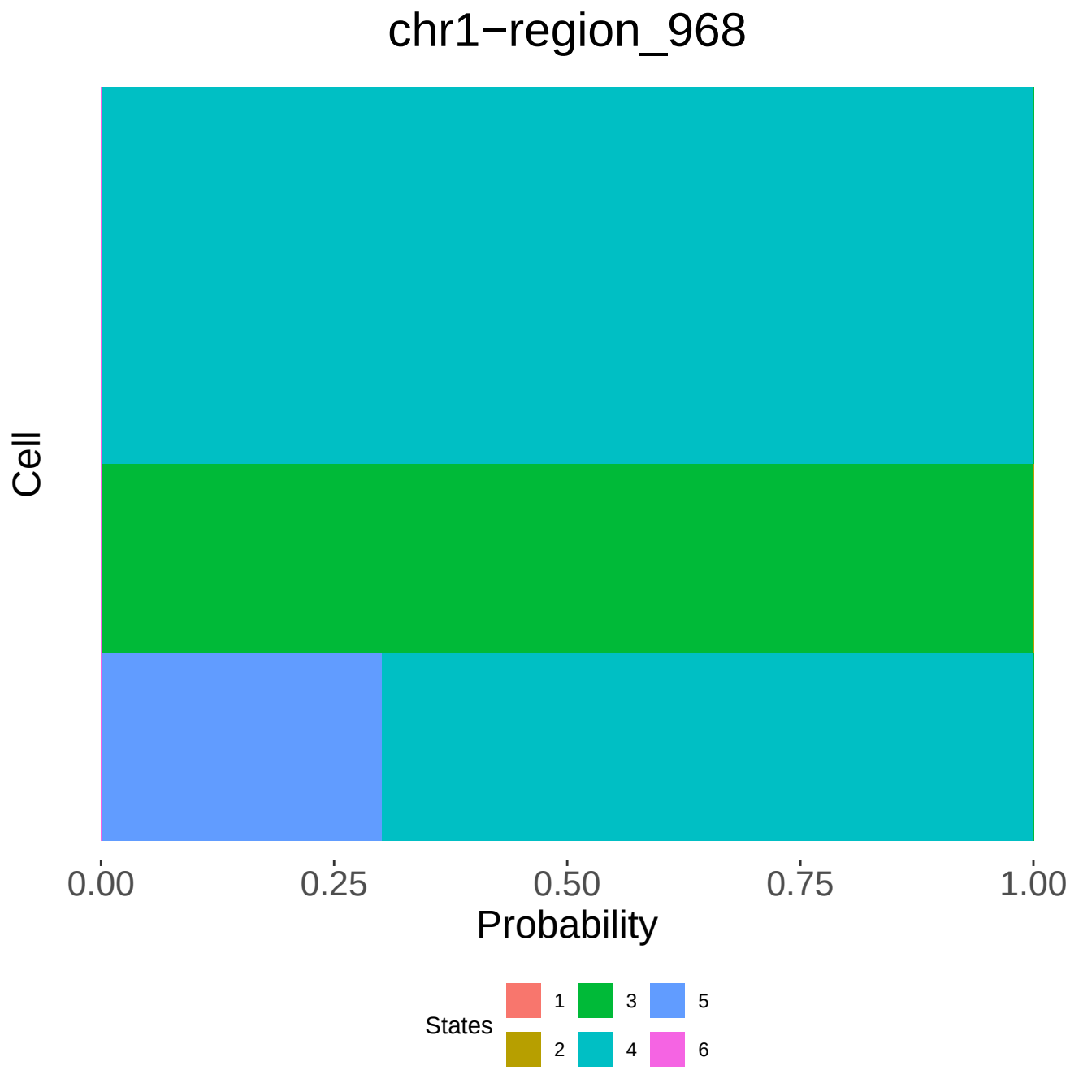
0.50
0.75
1.00
Probability
States
1
2
3
4
5
6


chr1−region_968
Cell
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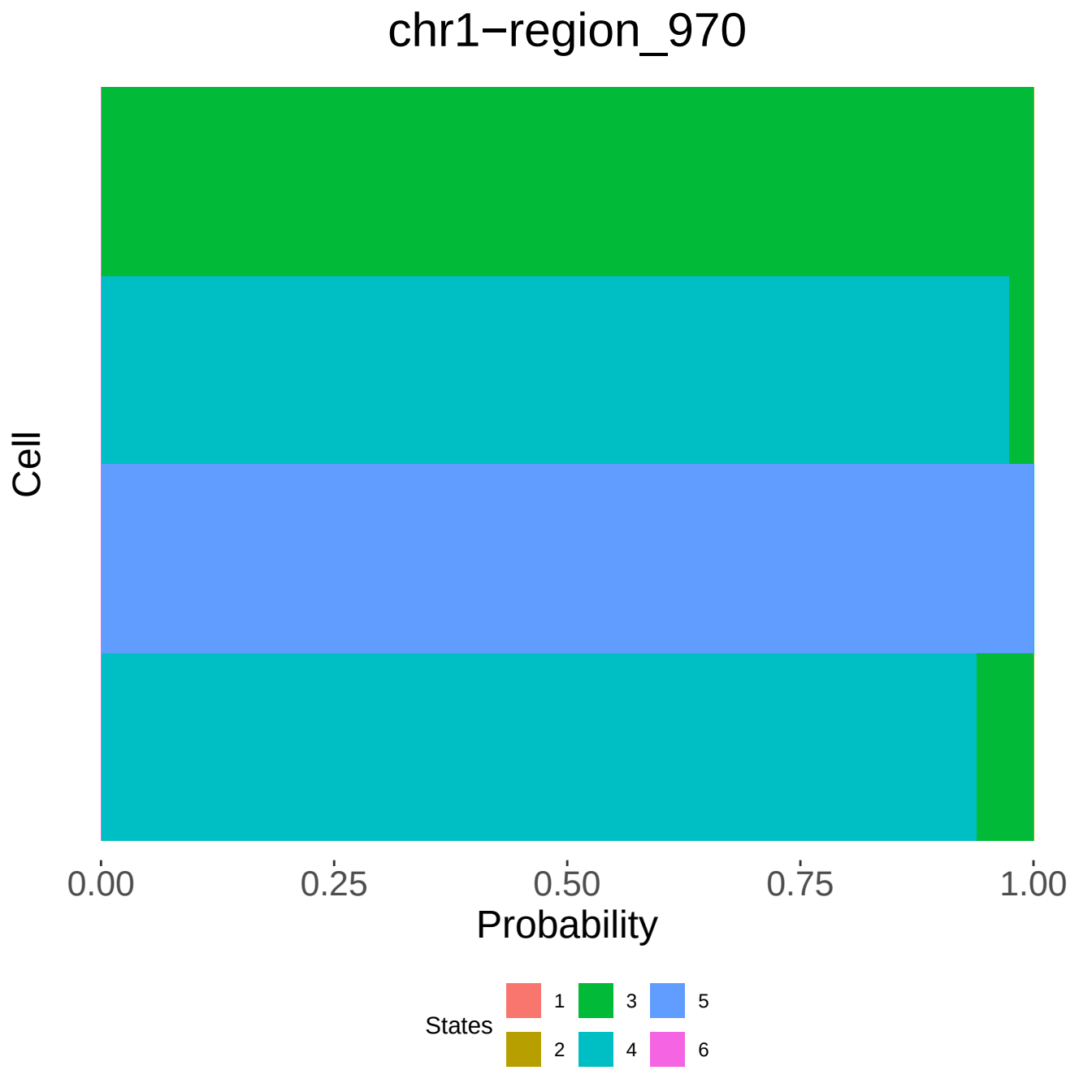
0.25
0.50
0.75
1.00
Probability
States
1
2
3
4
5
6


chr1−region_970
Cell
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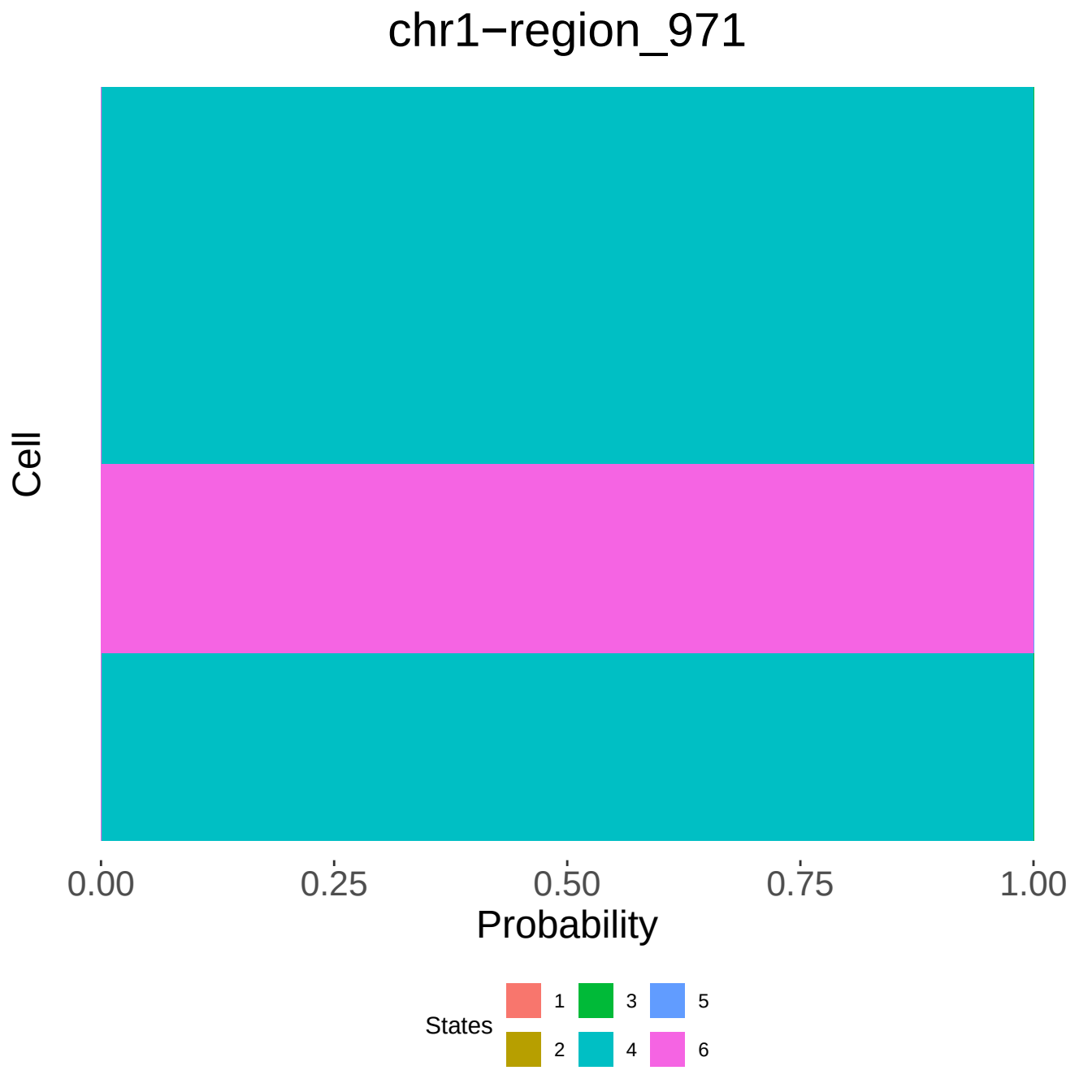
0.75
1.00
Probability
States
1
2
3
4
5
6


chr1−region_971
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0.25
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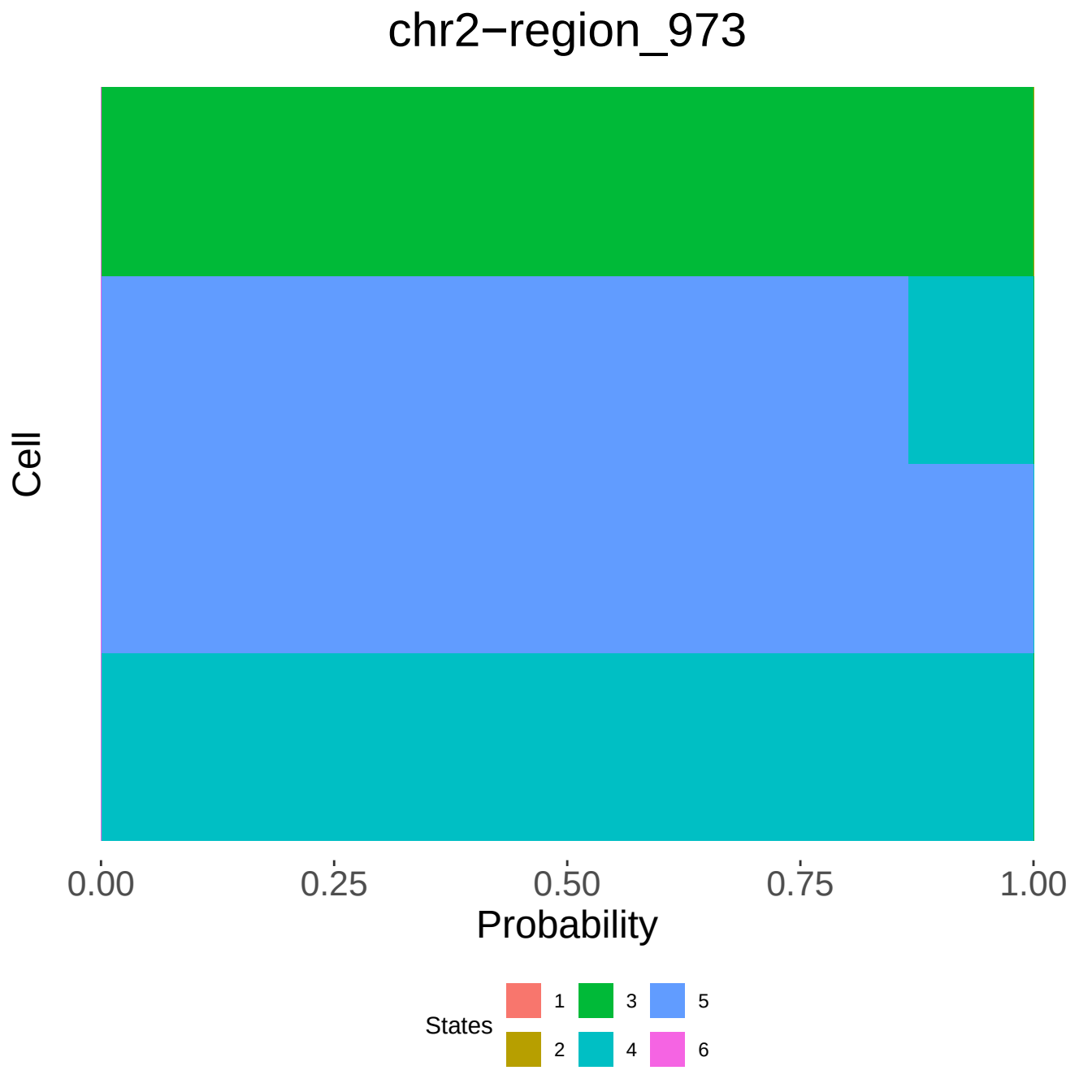
0.75
1.00
Probability
States
1
2
3
4
5
6


chr2−region_973
Cell
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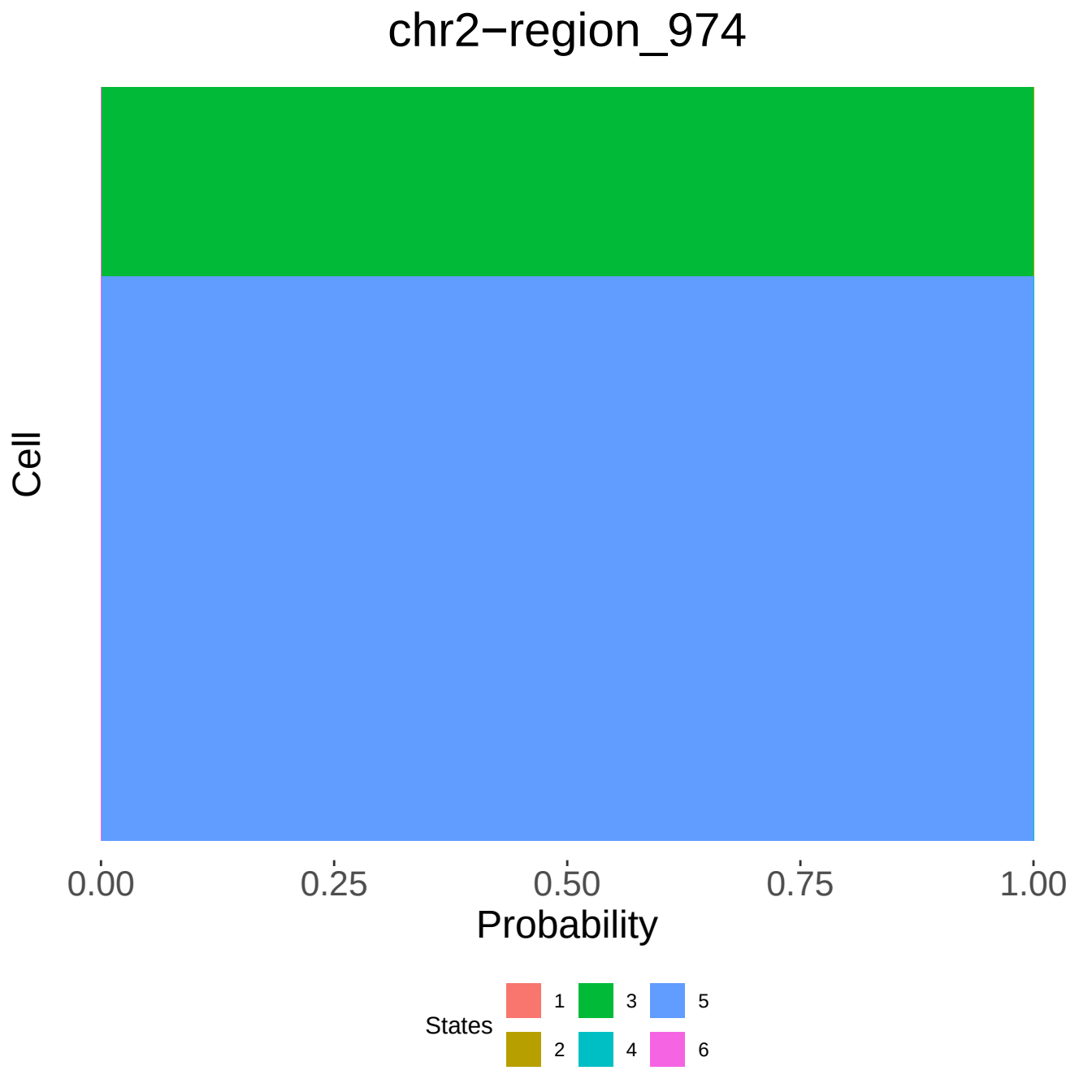
0.25
0.50
0.75
1.00
Probability
States
1
2
3
4
5
6


chr2−region_974
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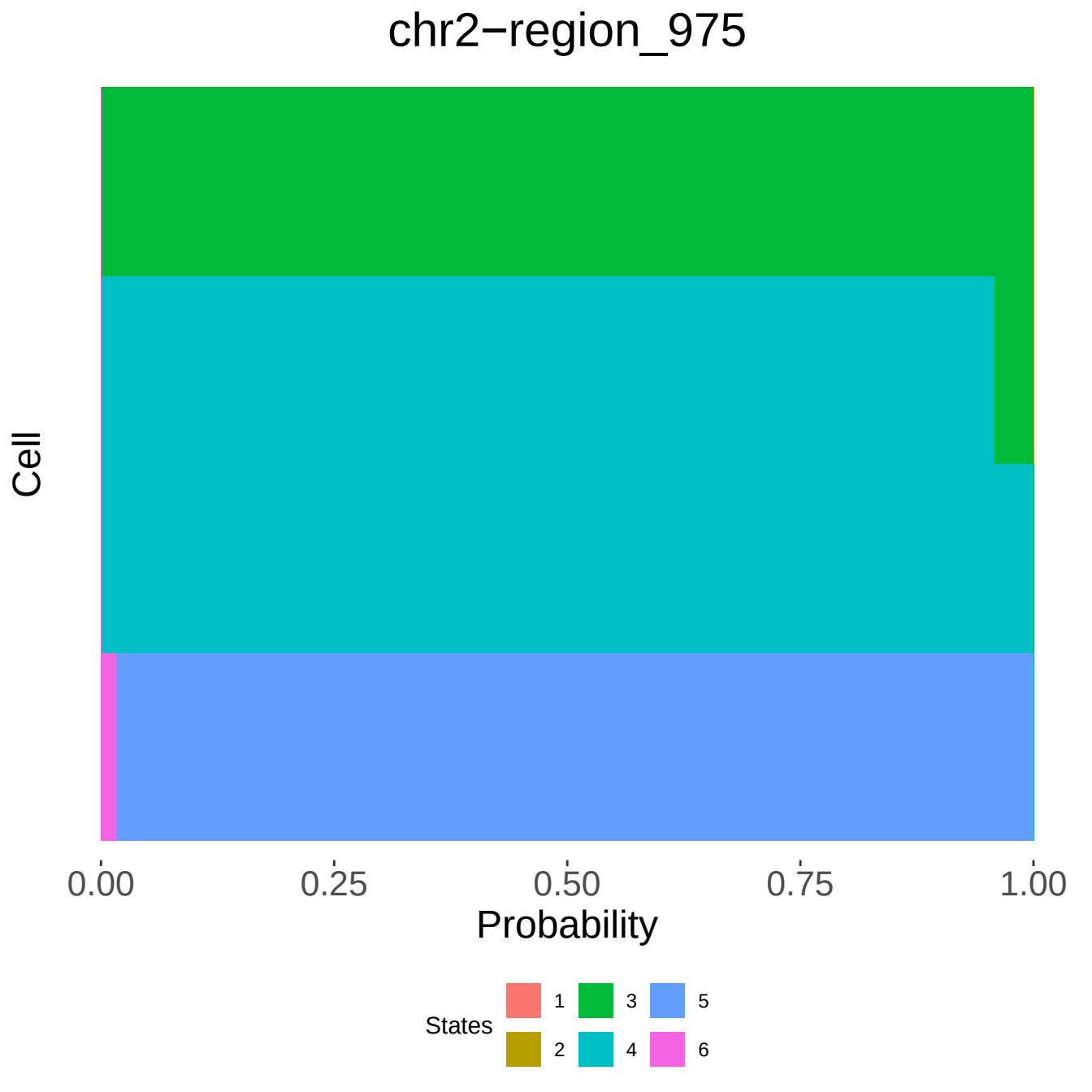
0.75
1.00
Probability
States
1
2
3
4
5
6


chr2−region_975
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0.25
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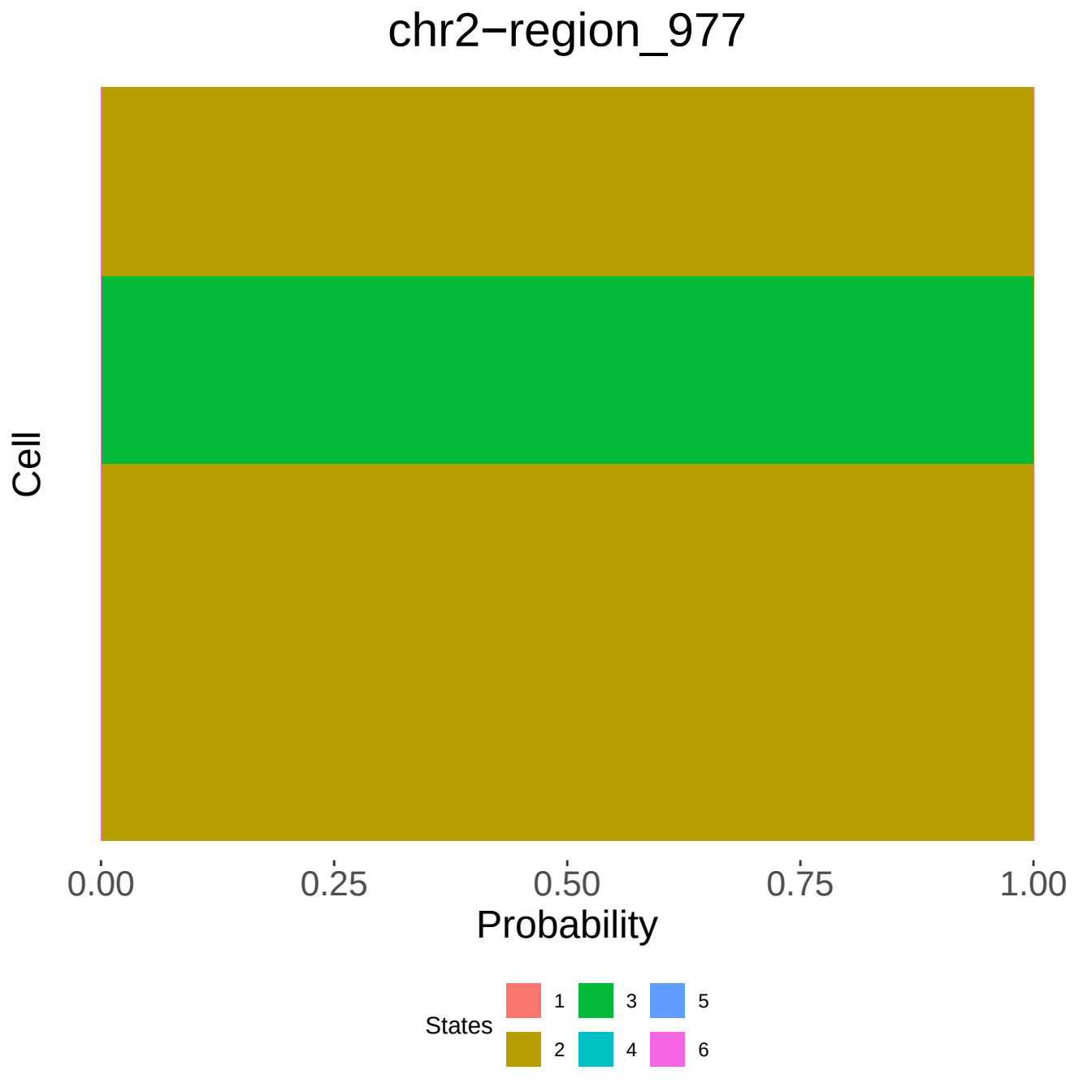
0.75
1.00
Probability
States
1
2
3
4
5
6


chr2−region_977
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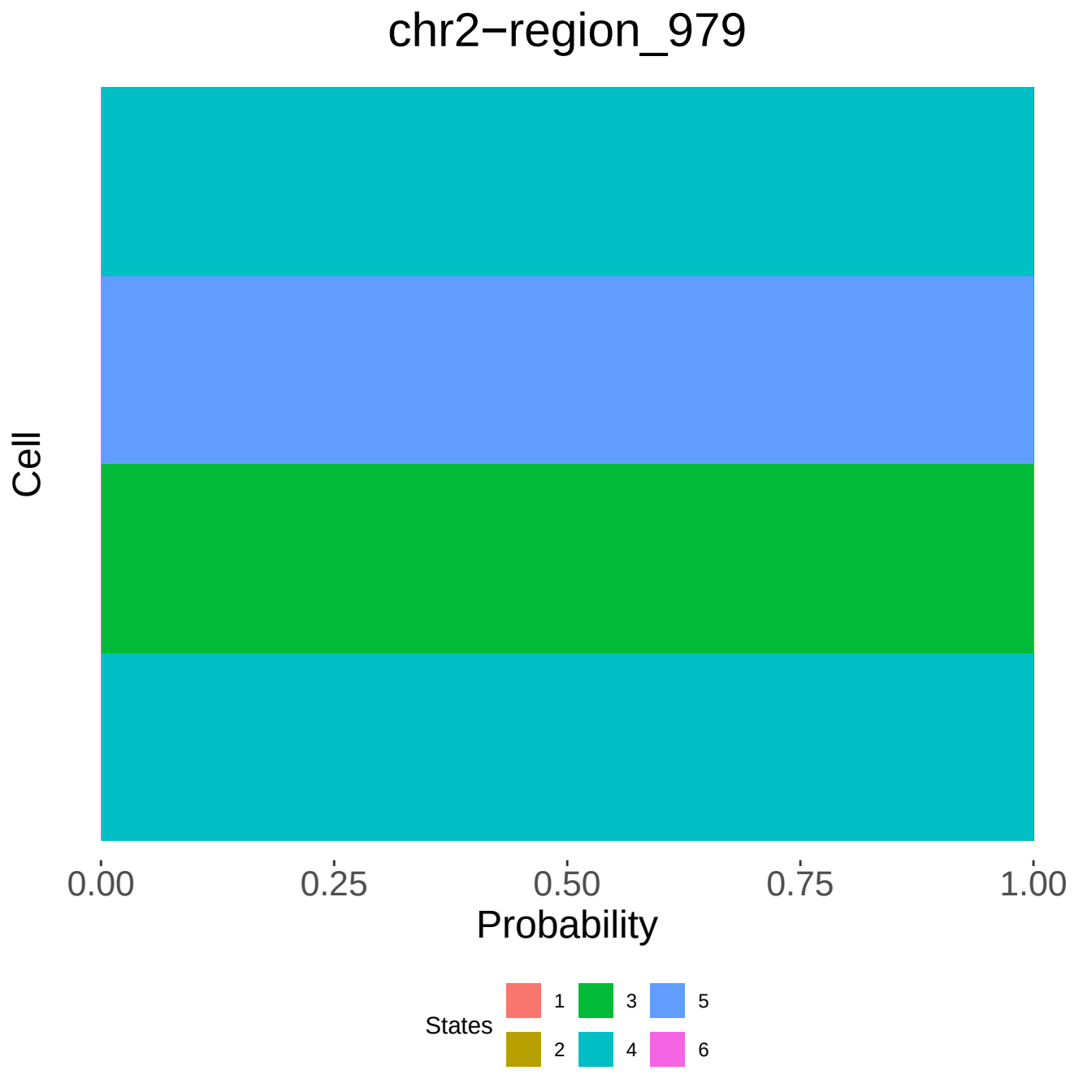
1.00
Probability
States
1
2
3
4
5
6


chr2−region_979
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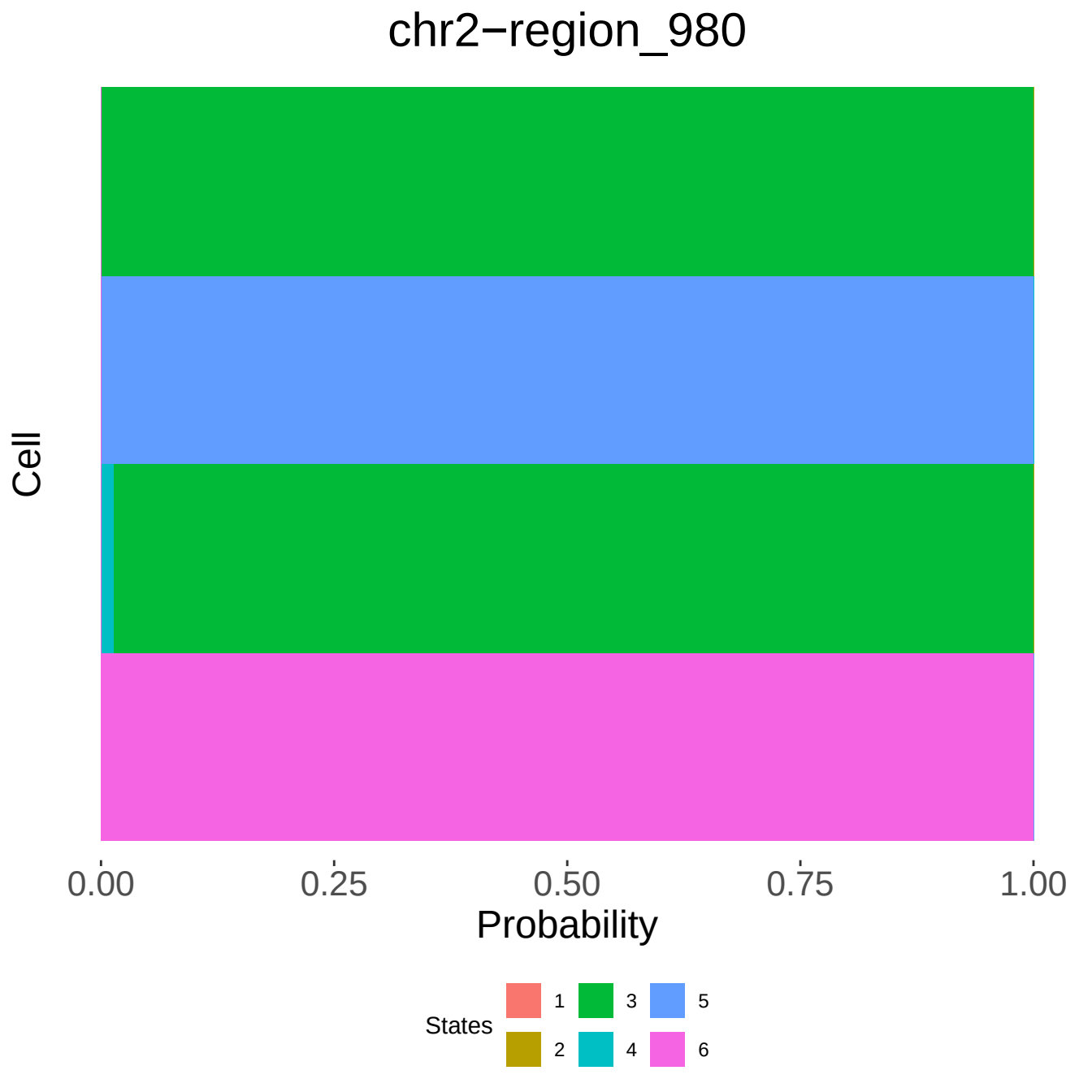
0.25
0.50
0.75
1.00
Probability
States
1
3
5
2
4
6


chr2−region_980
Cell
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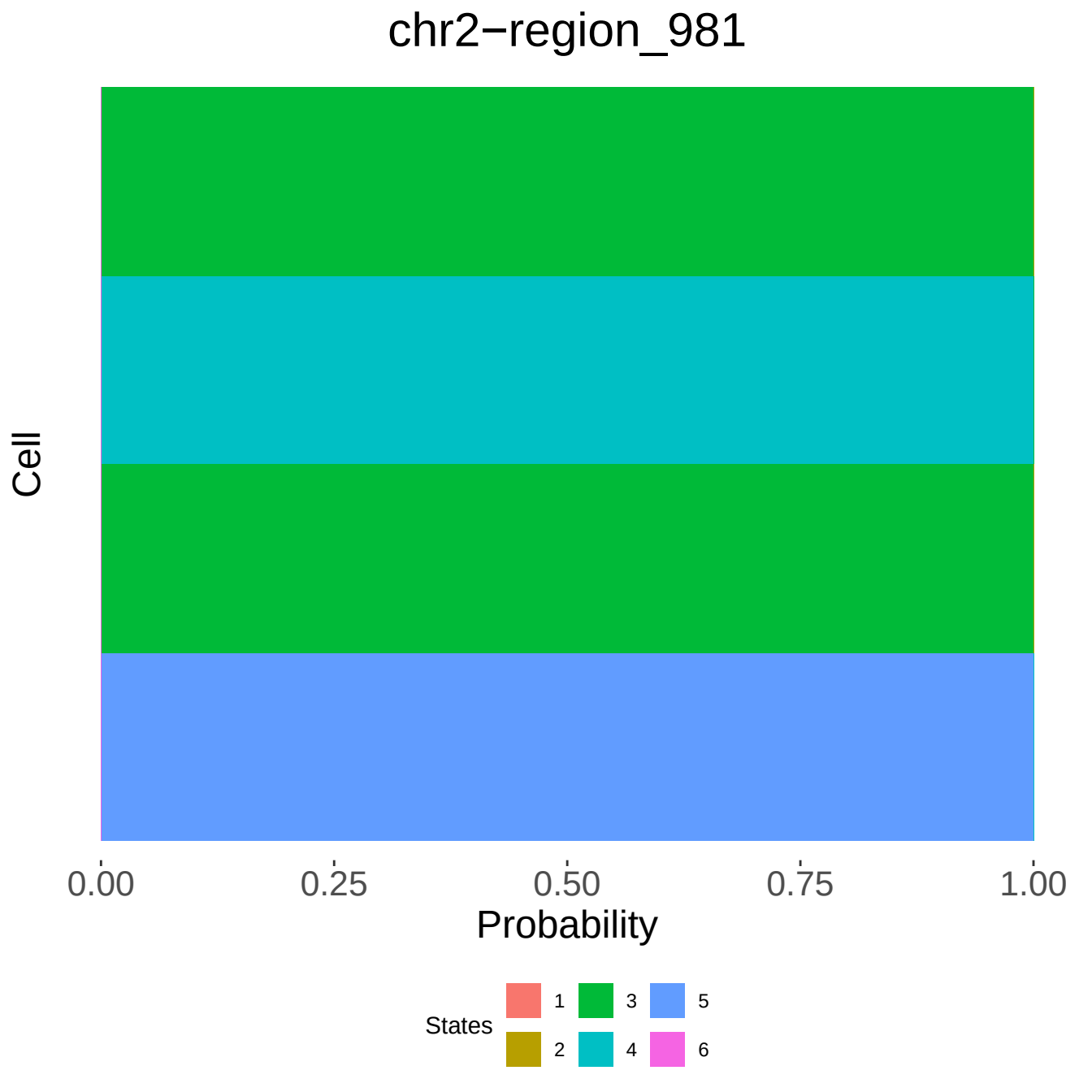
0.25
0.50
0.75
1.00
Probability
States
1
2
3
4
5
6


chr2−region_981
Cell
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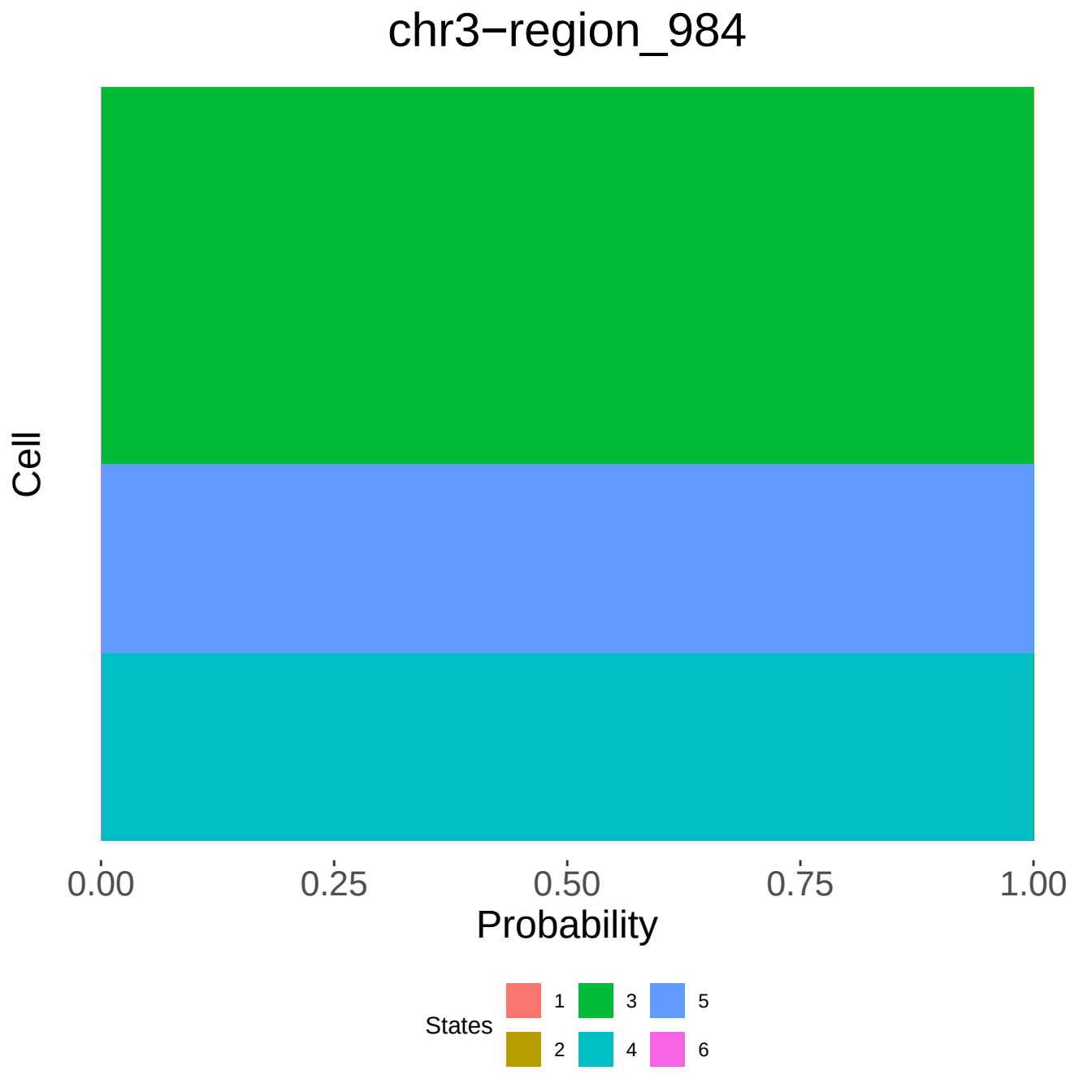
0.75
1.00
Probability
States
1
2
3
4
5
6


chr3−region_984
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0.75
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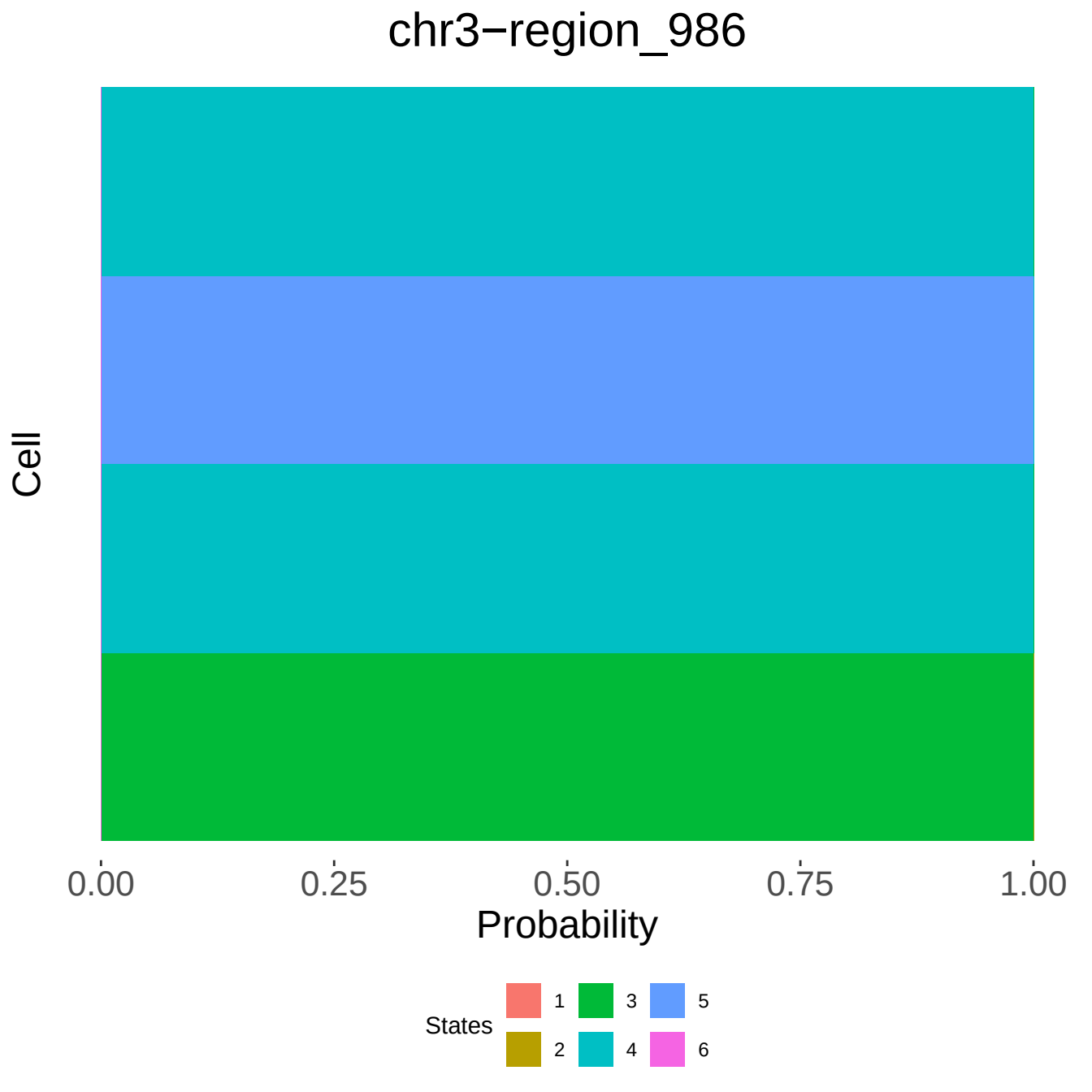
Probability
States
1
2
3
4
5
6


chr3−region_986
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0.75
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Probability
States
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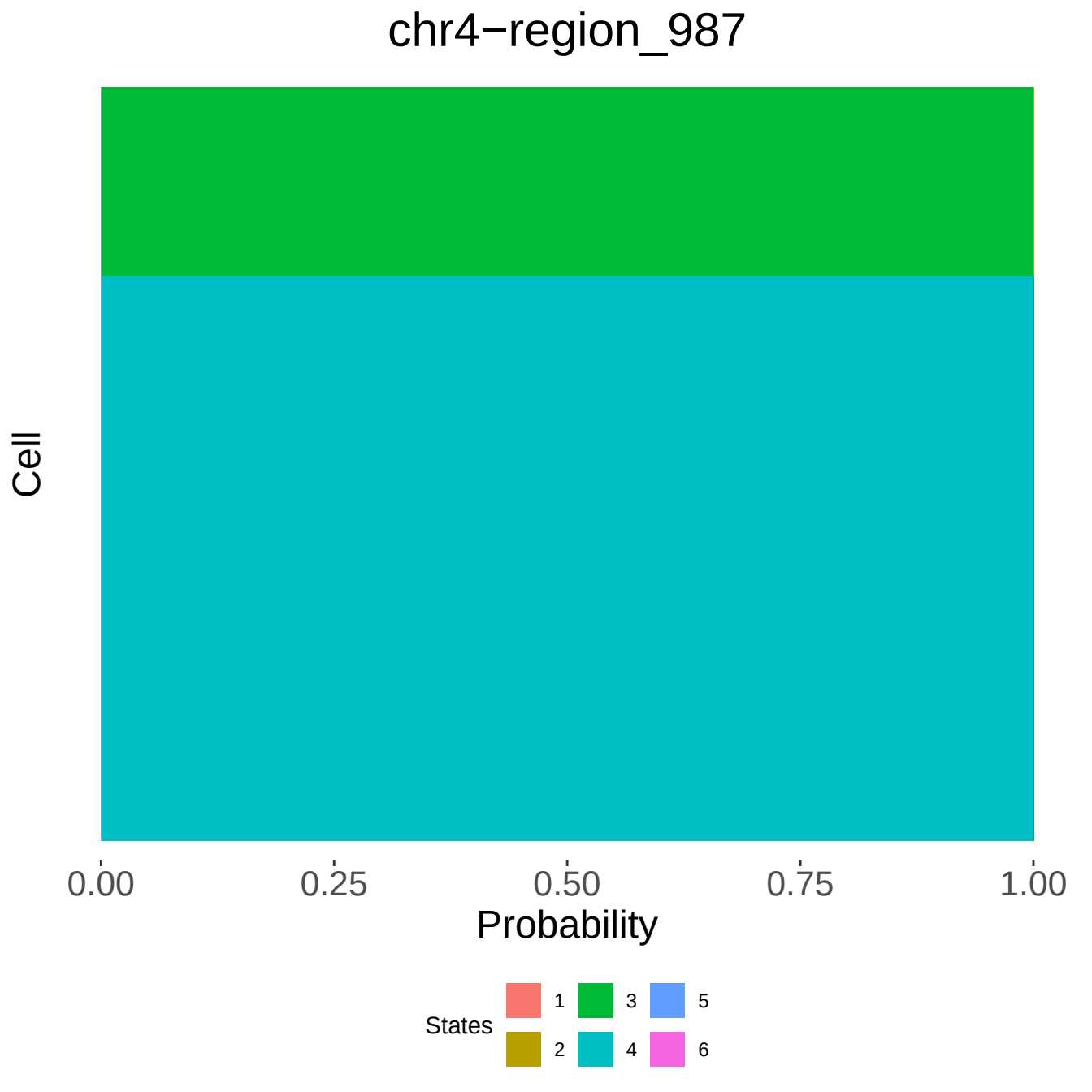
2
3
4
5
6


chr4−region_987
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0.75
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Probability
States
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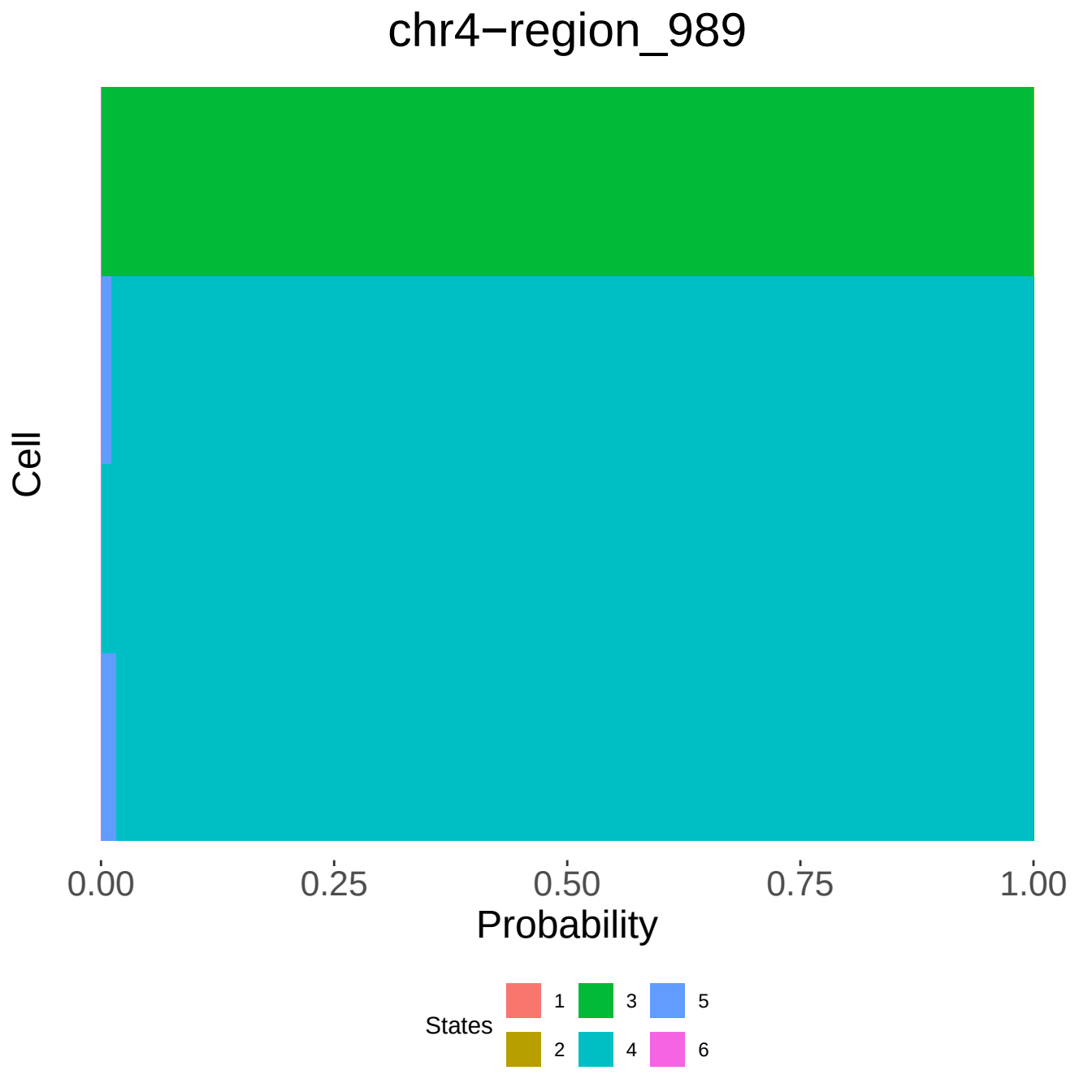
2
3
4
5
6


chr4−region_989
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Probability
States
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3
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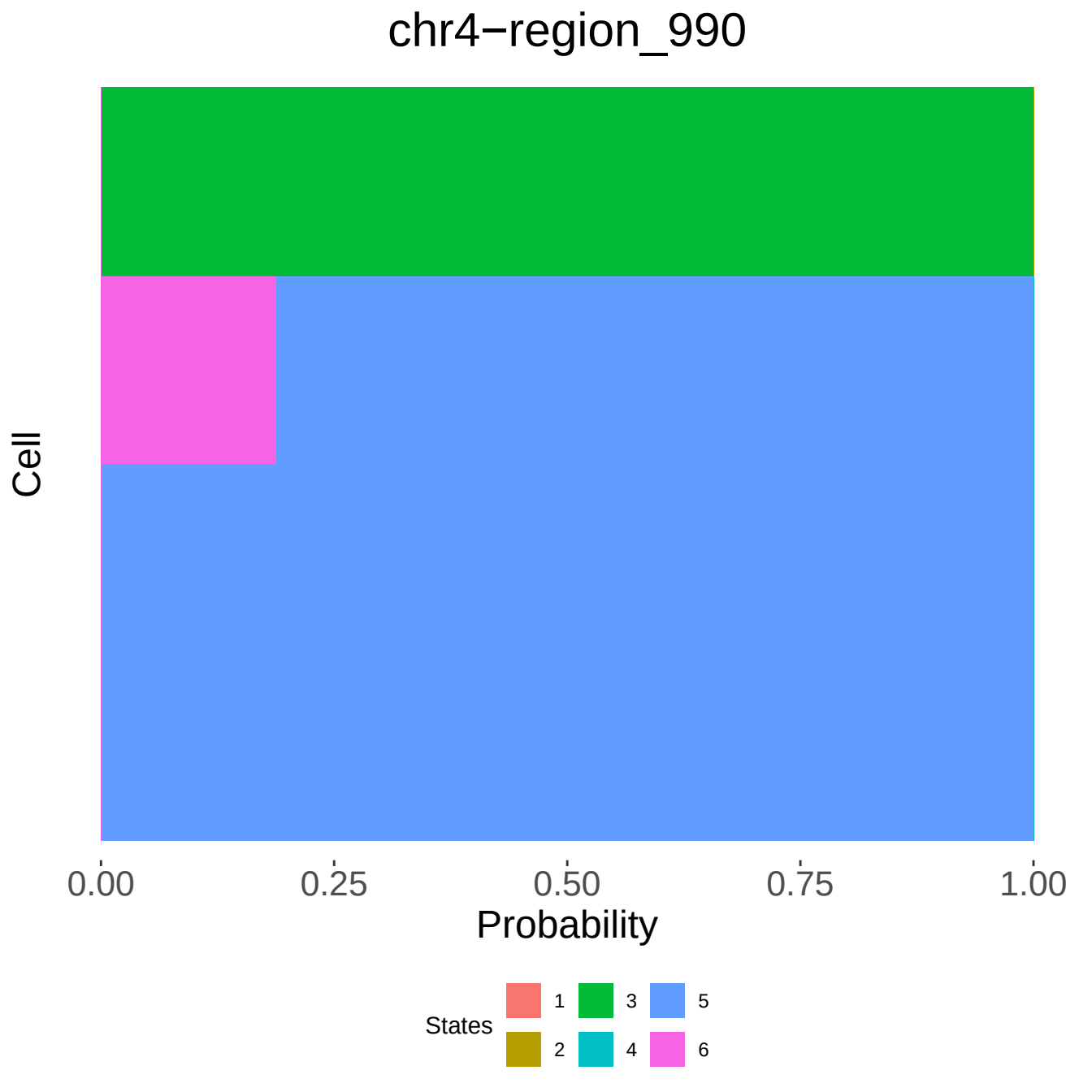
5
6


chr4−region_990
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0.75
1.00
Probability
States
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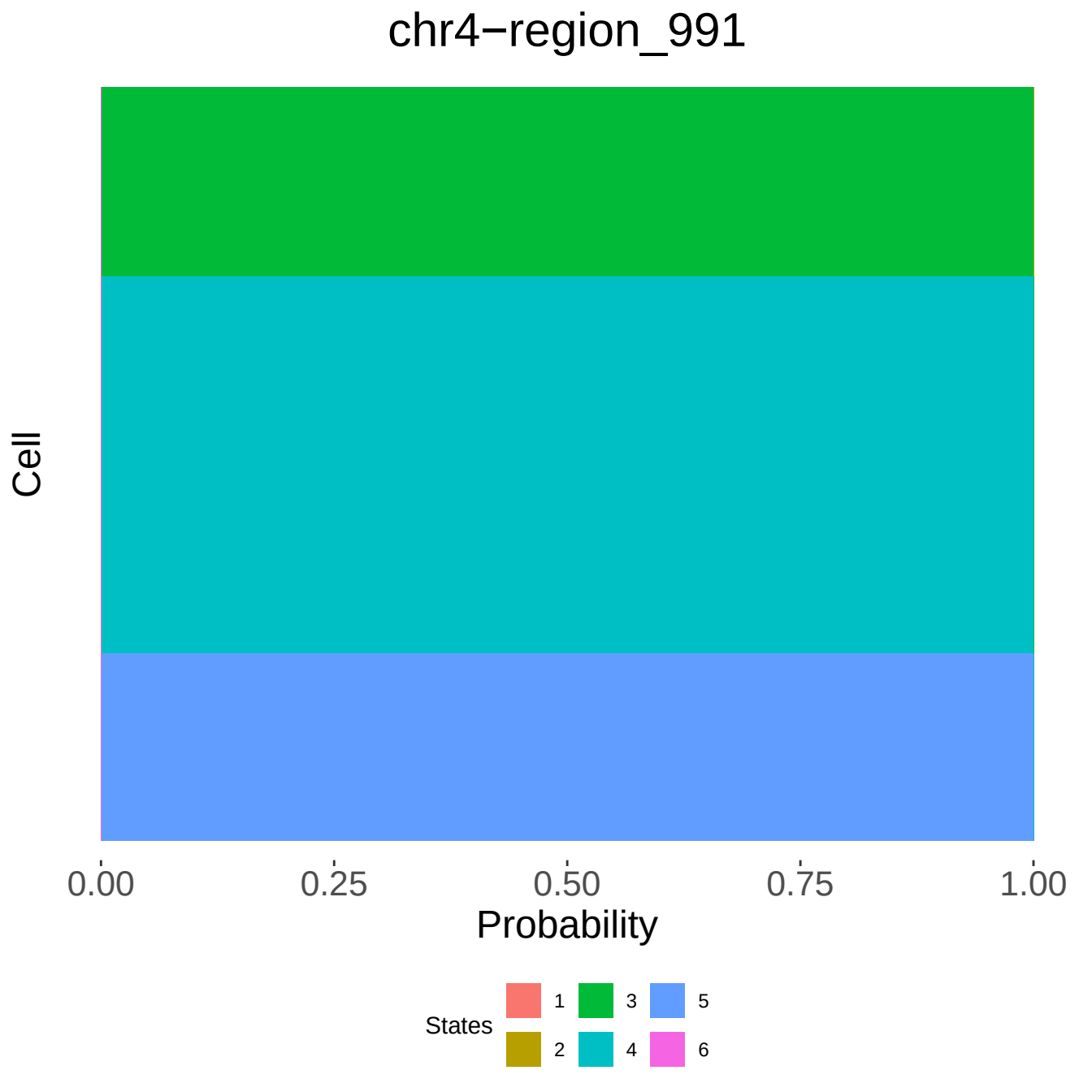
2
3
4
5
6


chr4−region_991
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Probability
States
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5
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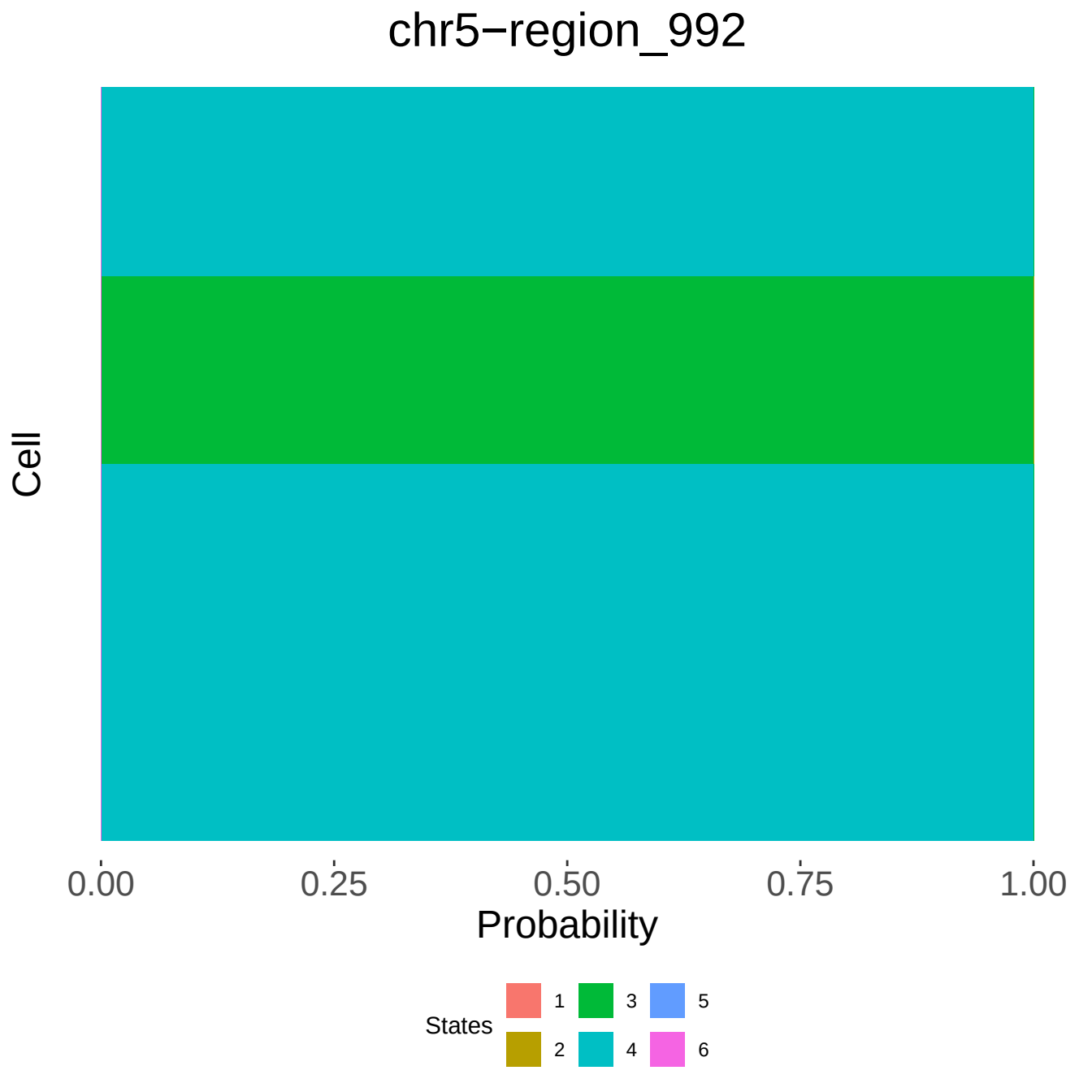
chr5−region_992
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0.75
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Probability
States
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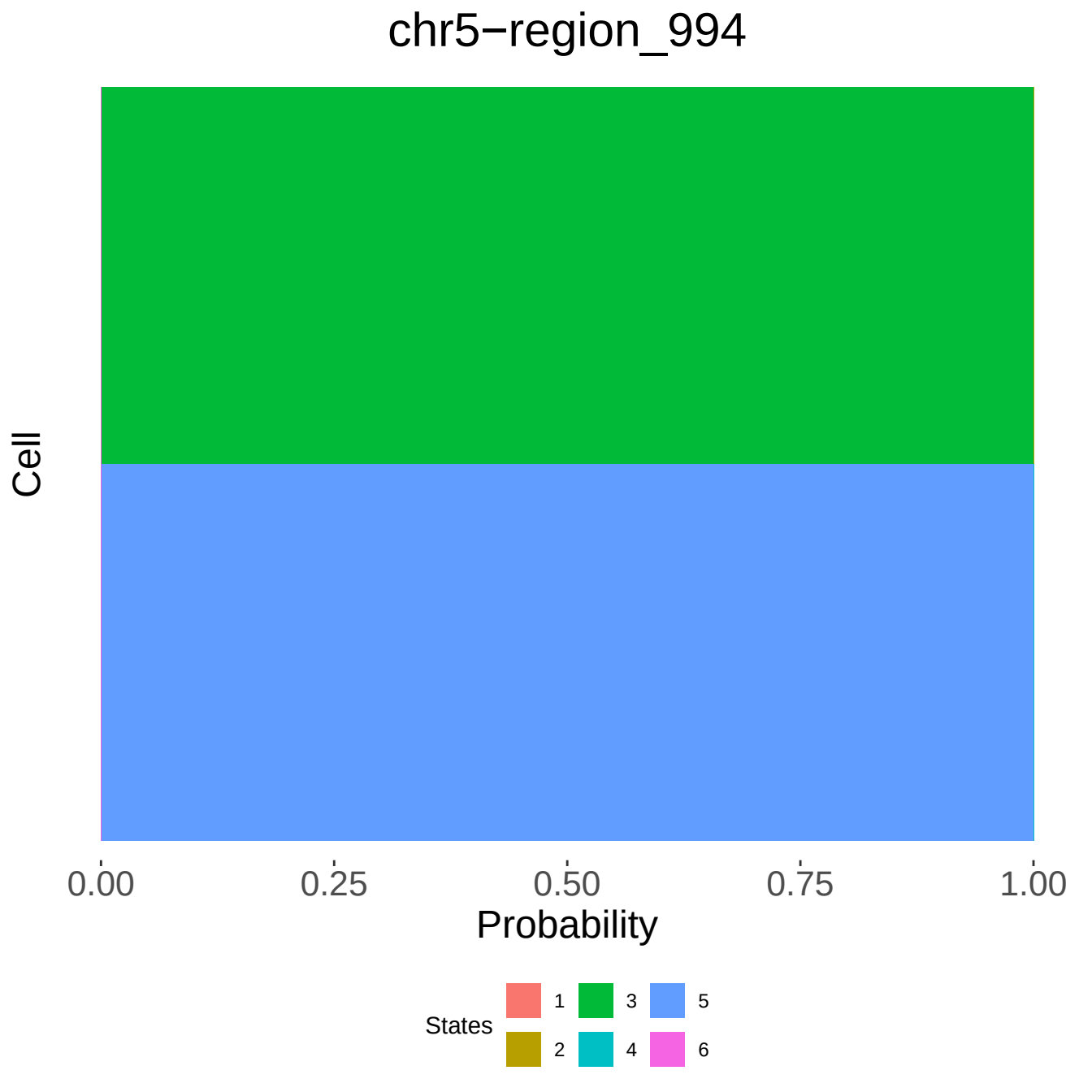
3
4
5
6


chr5−region_994
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Probability
States
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2
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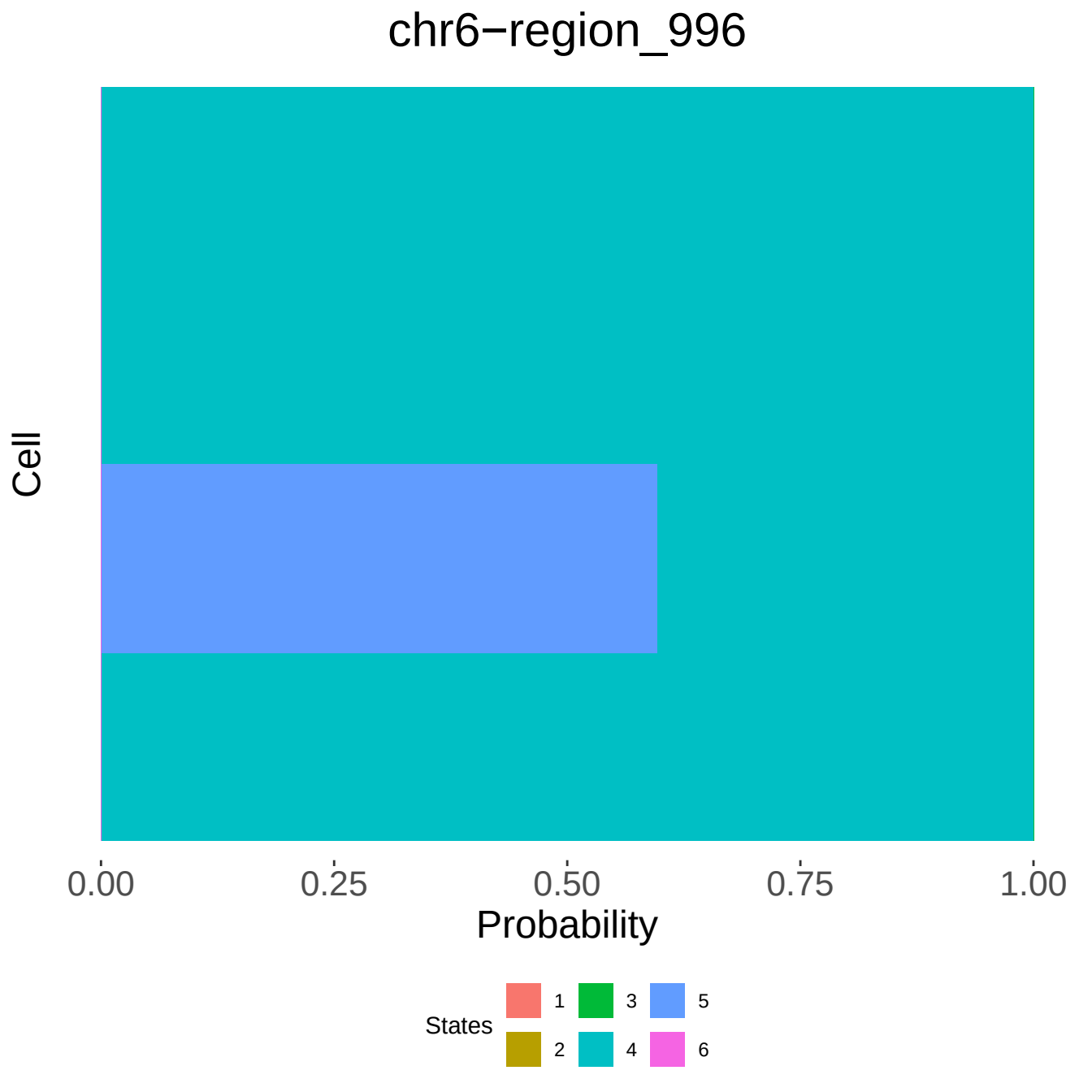
4
5
6


chr6−region_996
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Probability
States
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3
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5
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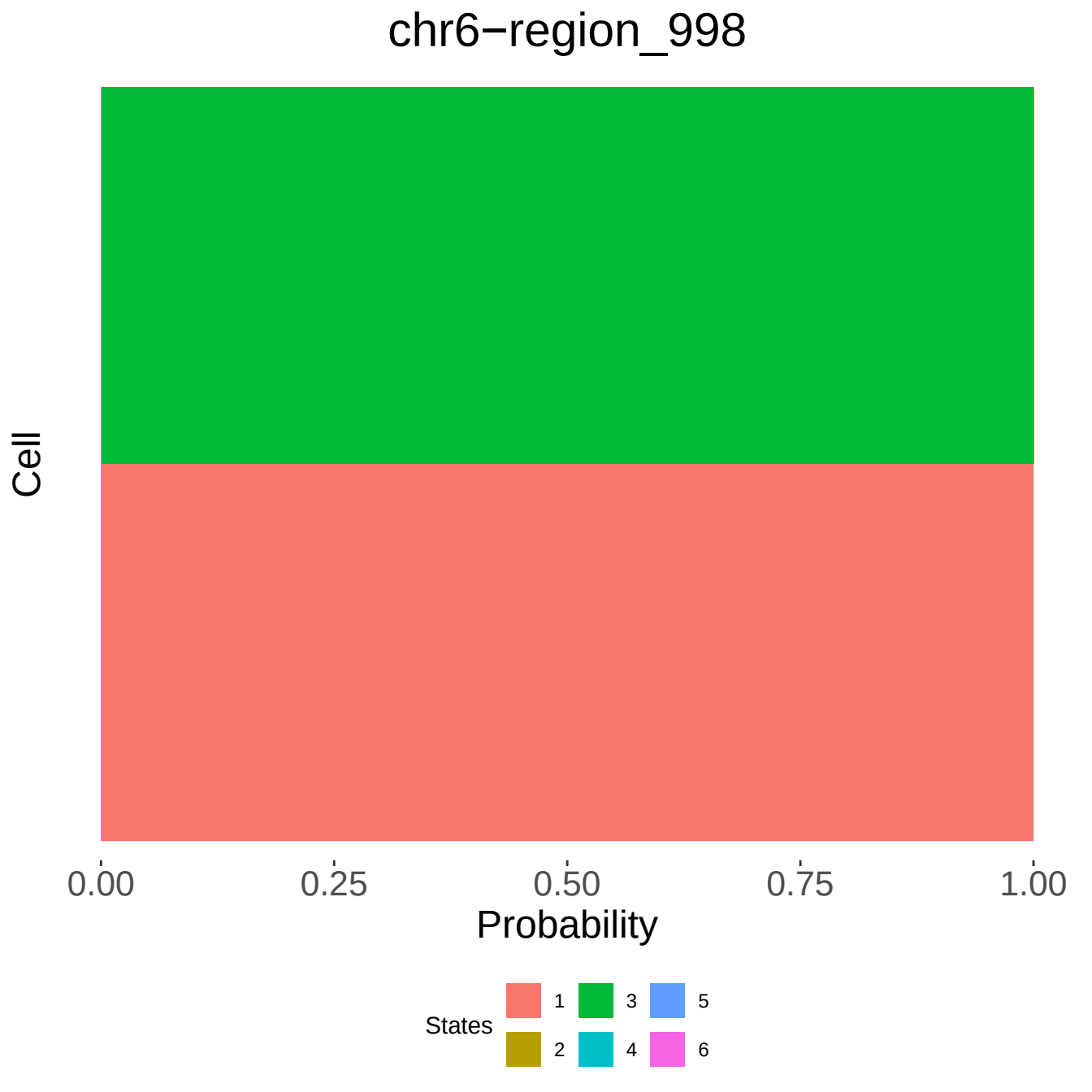
chr6−region_998
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1.00
Probability
States
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3
4
5
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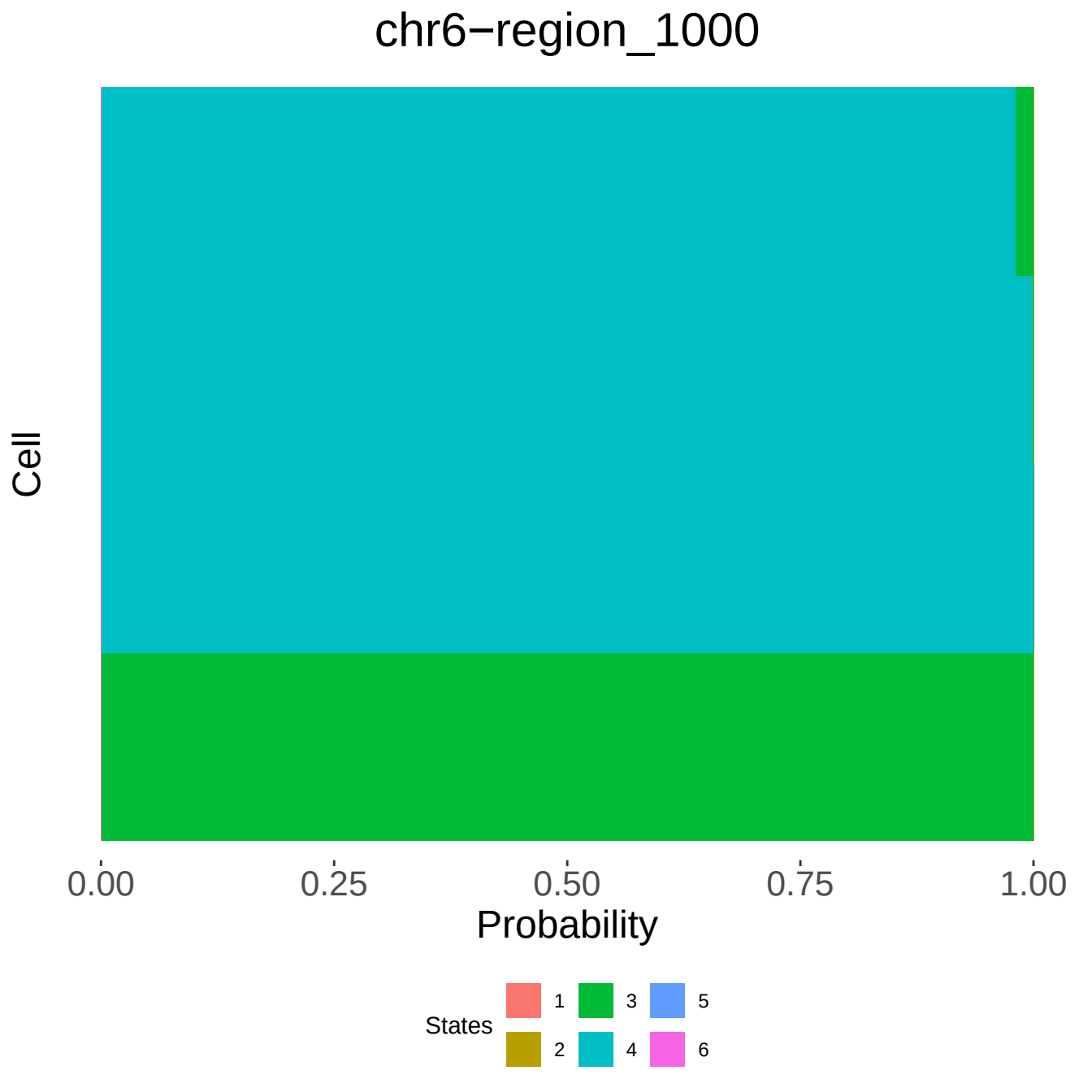
chr6−region_1000
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Probability
States
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2
3
4
5
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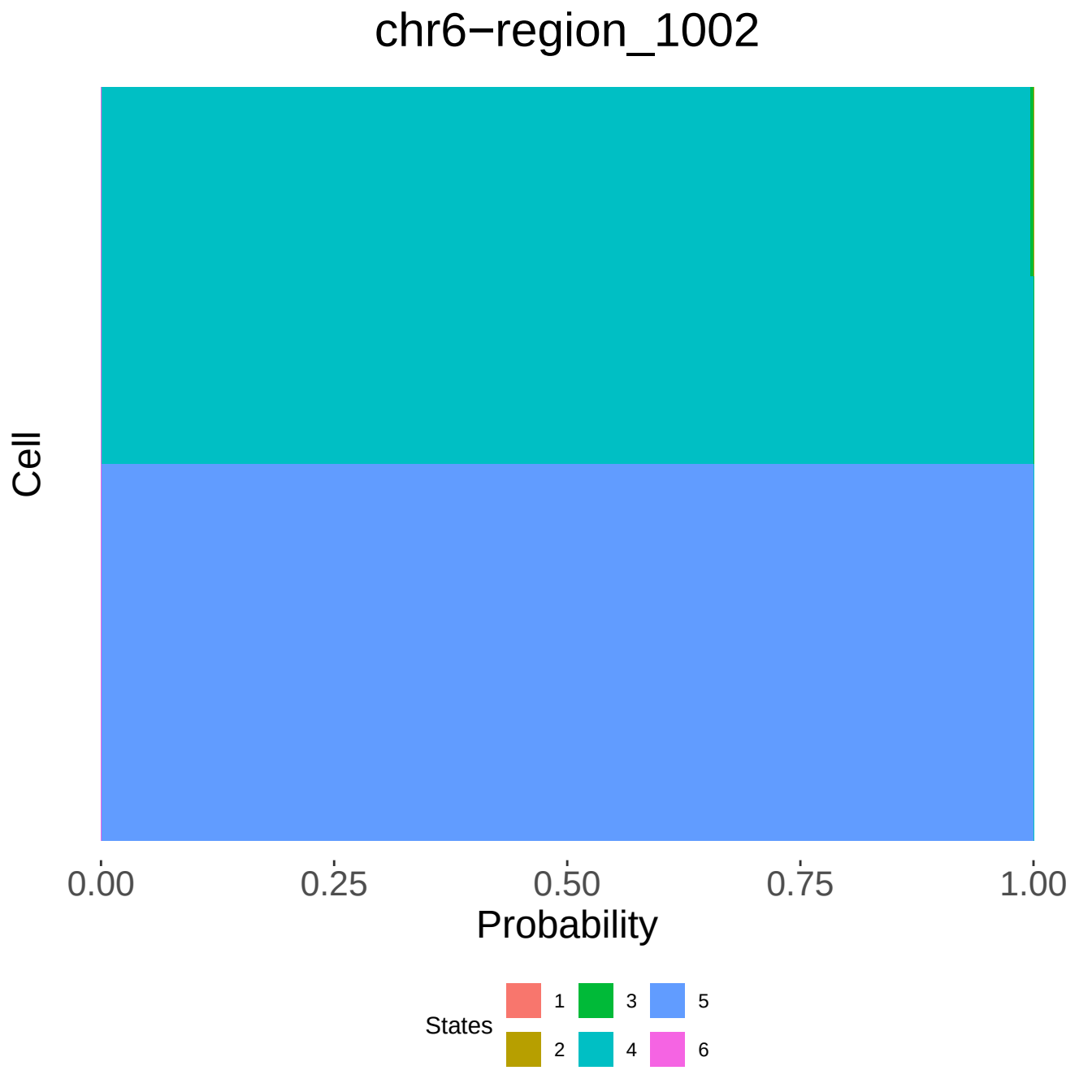
chr6−region_1002
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1.00
Probability
States
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5
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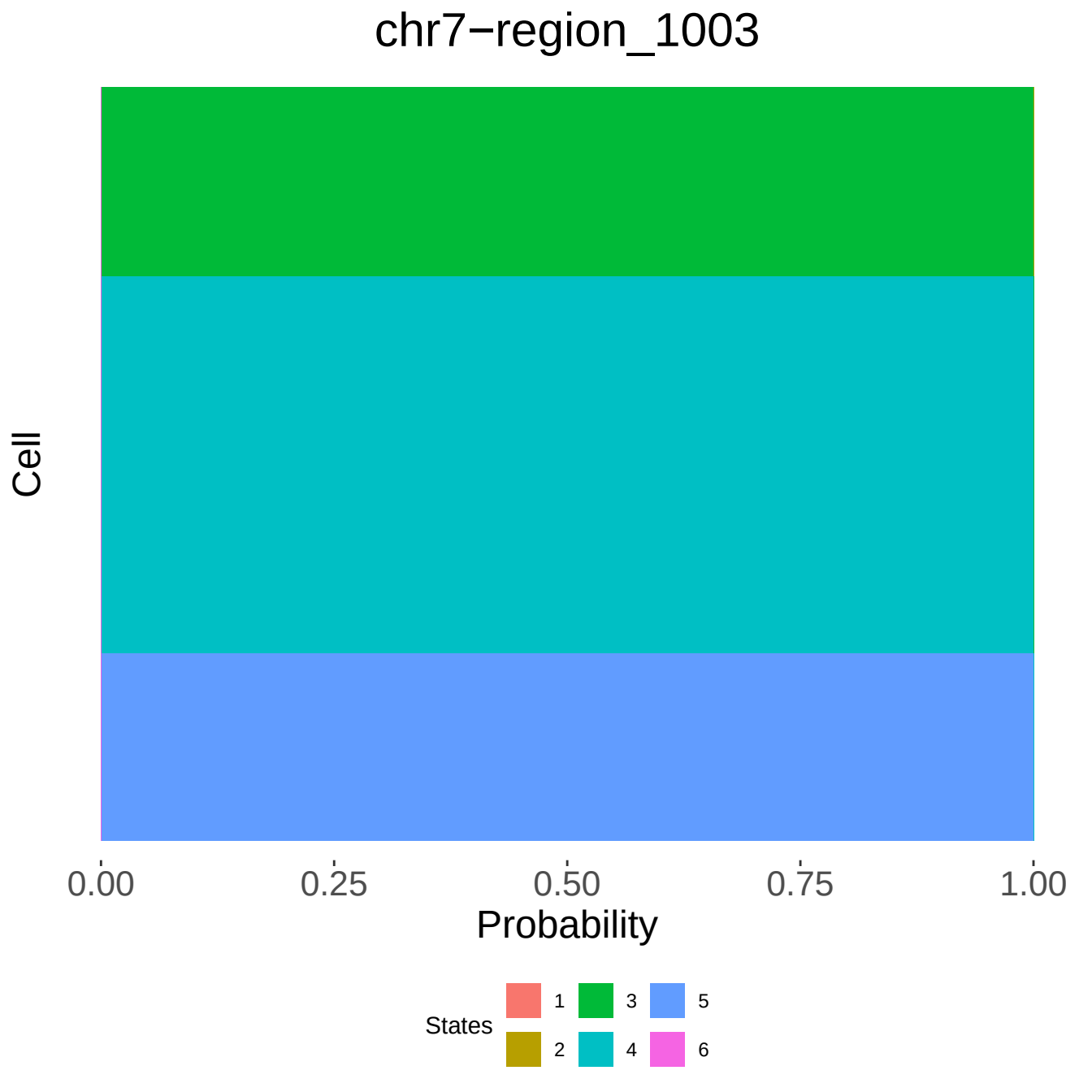
chr7−region_1003
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Probability
States
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3
4
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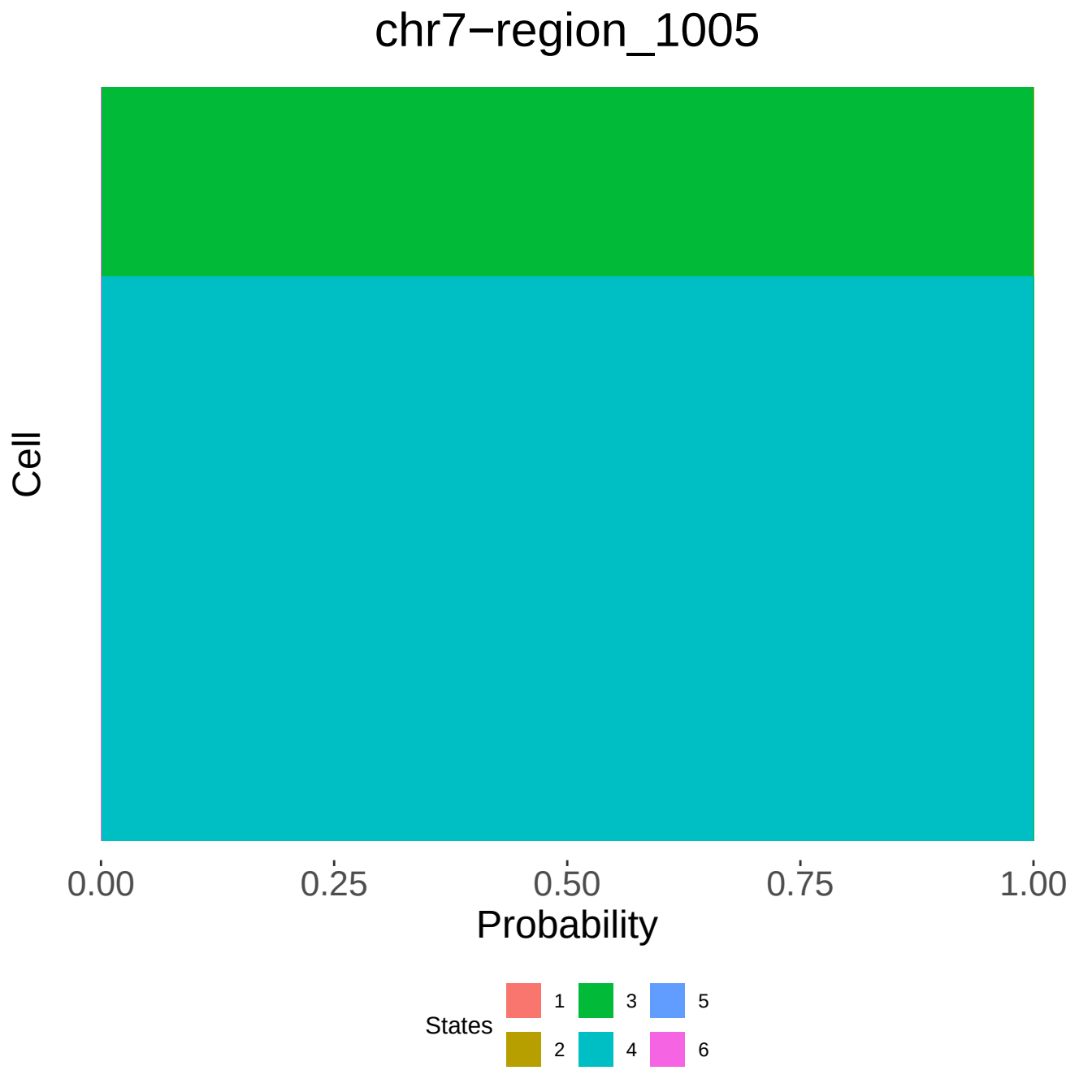
chr7−region_1005
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Probability
States
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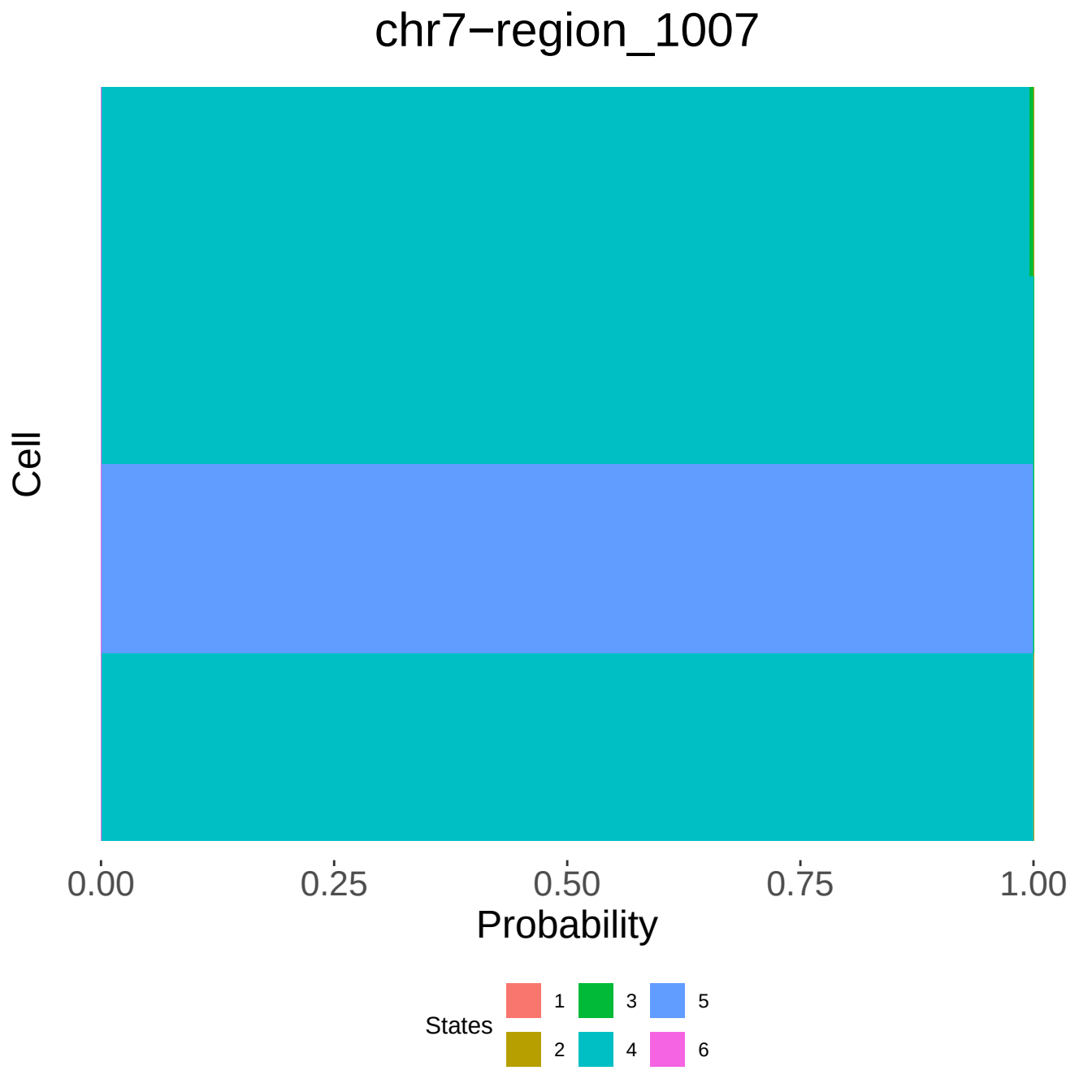
chr7−region_1007
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1.00
Probability
States
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3
4
5
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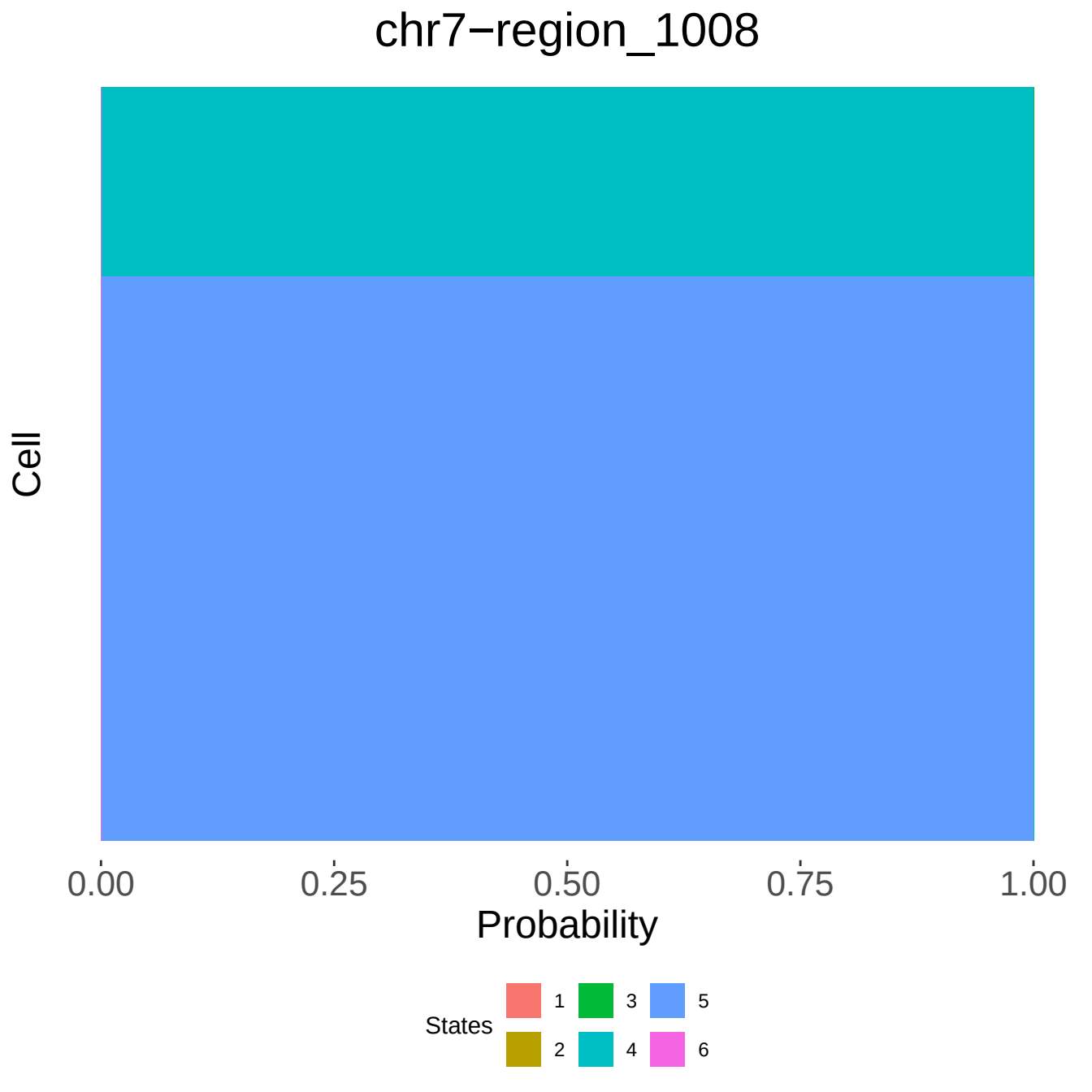
chr7−region_1008
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Probability
States
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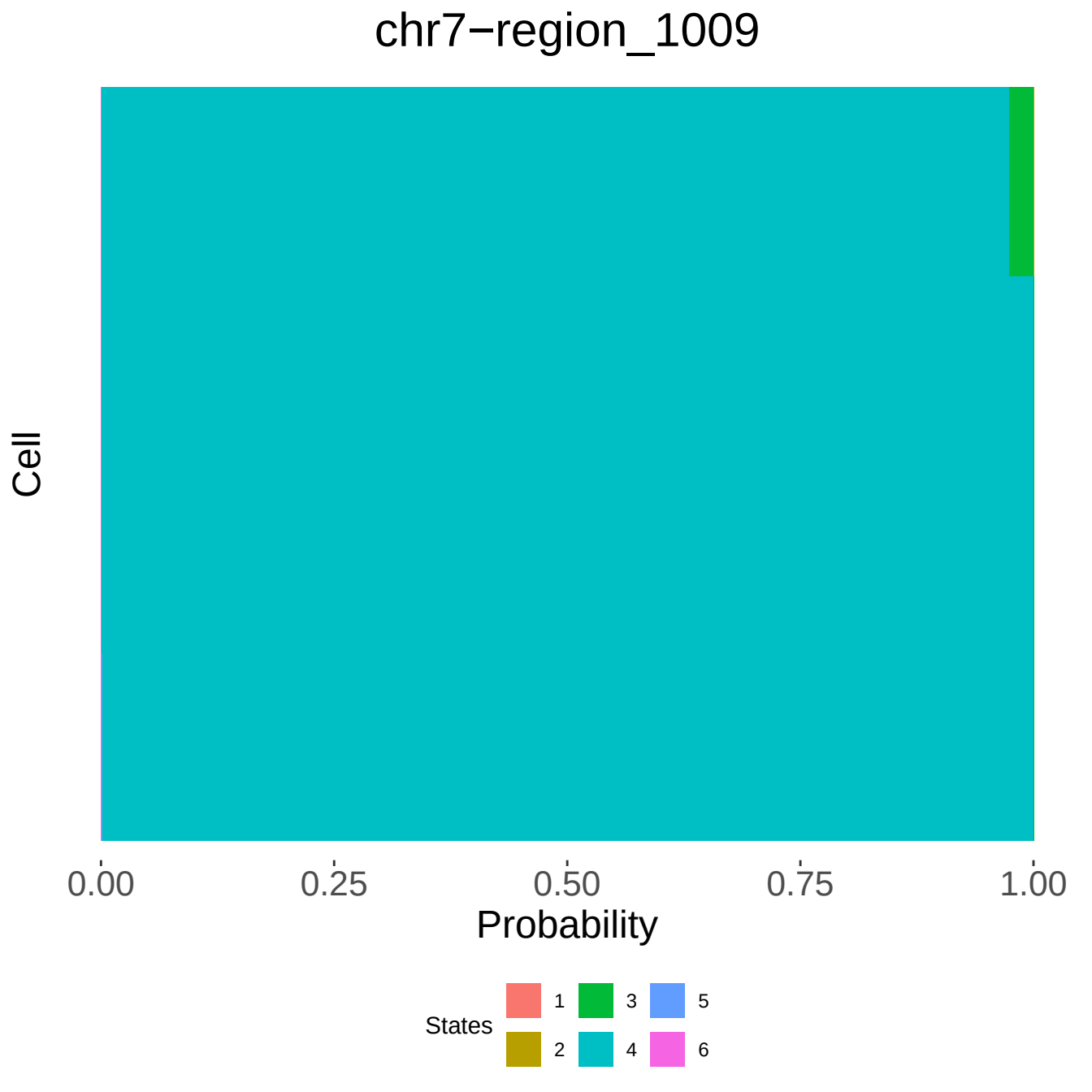
chr7−region_1009
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1.00
Probability
States
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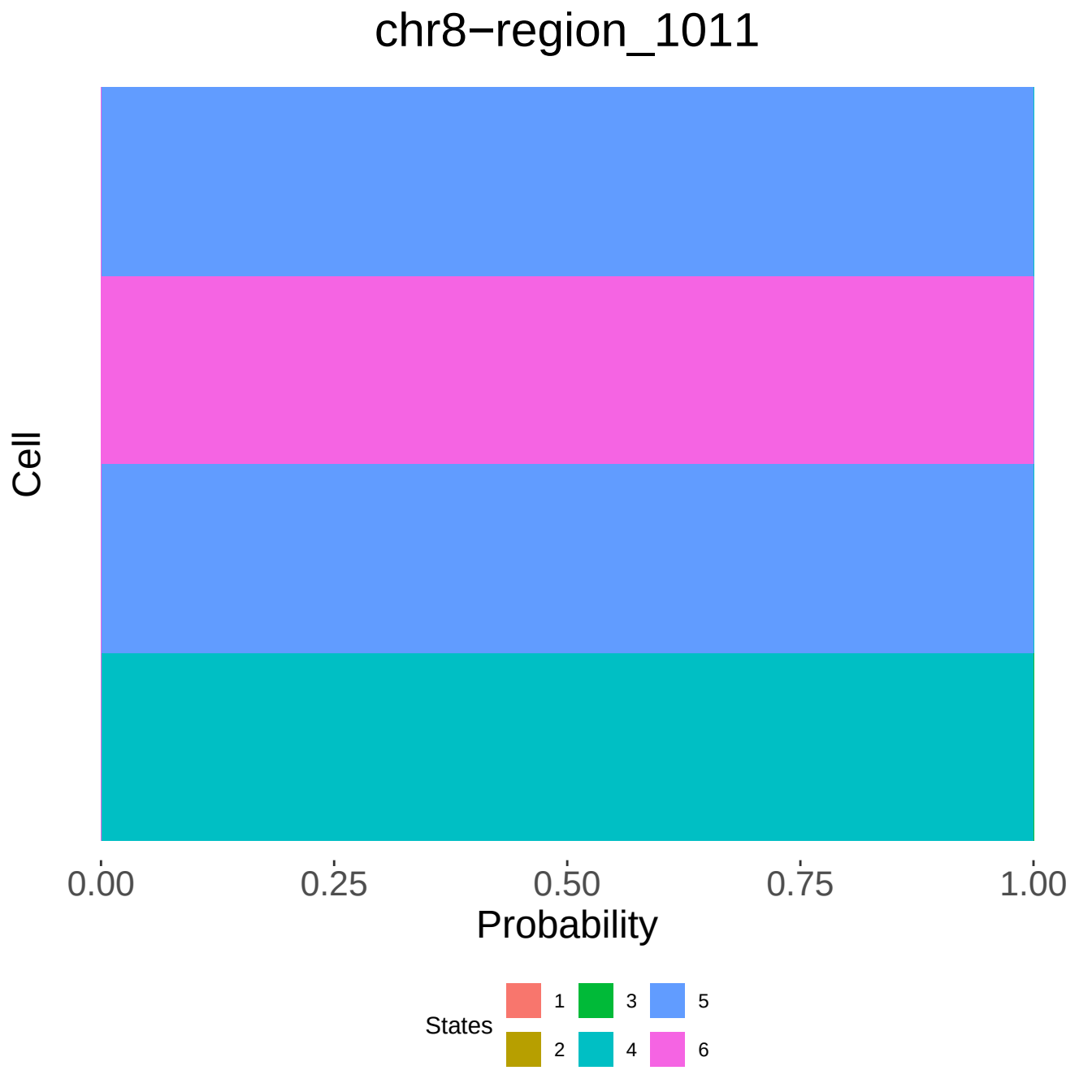
chr8−region_1011
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0.75
1.00
Probability
States
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3
4
5
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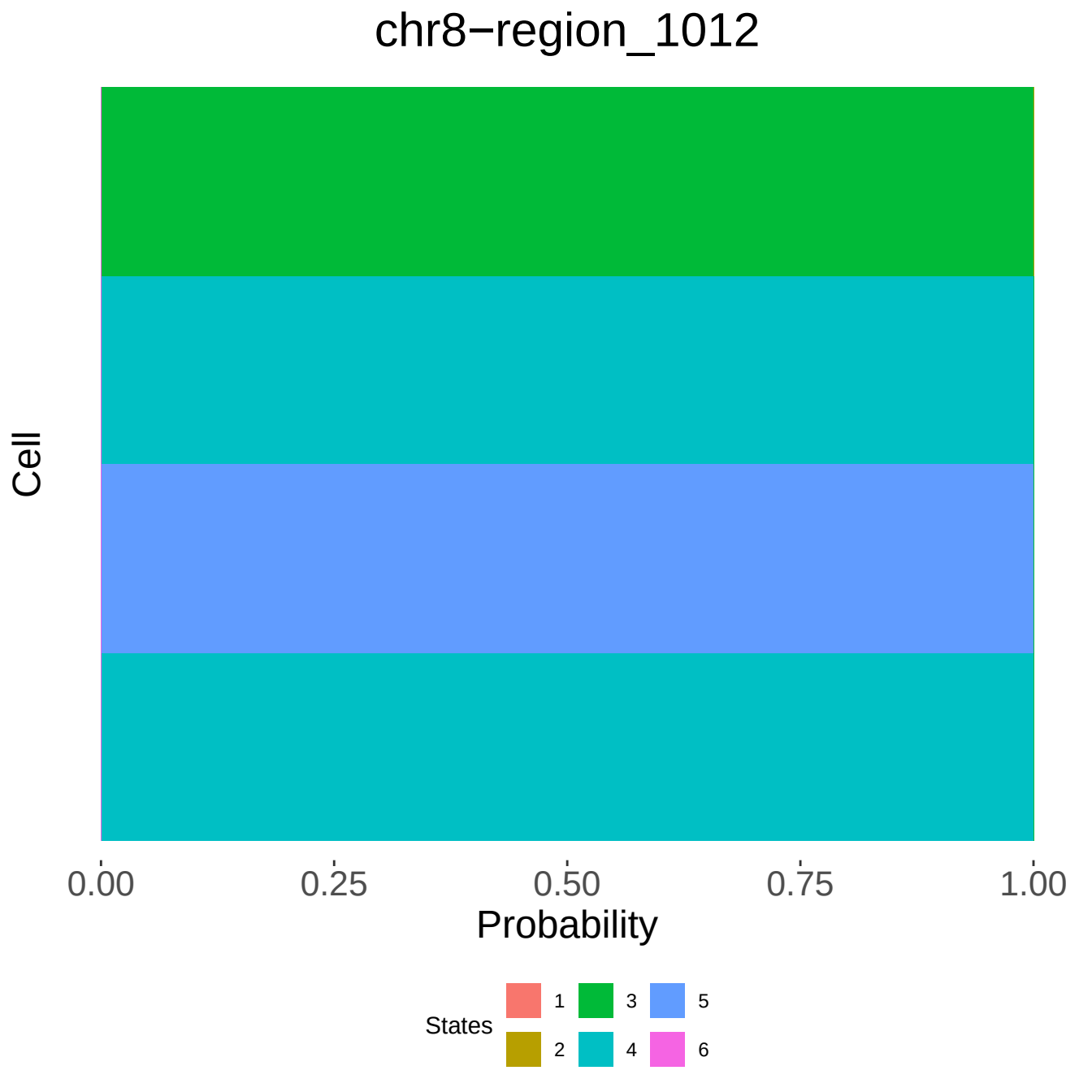
chr8−region_1012
Cell
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0.25
0.50
0.75
1.00
Probability
States
1
2
3
4
5
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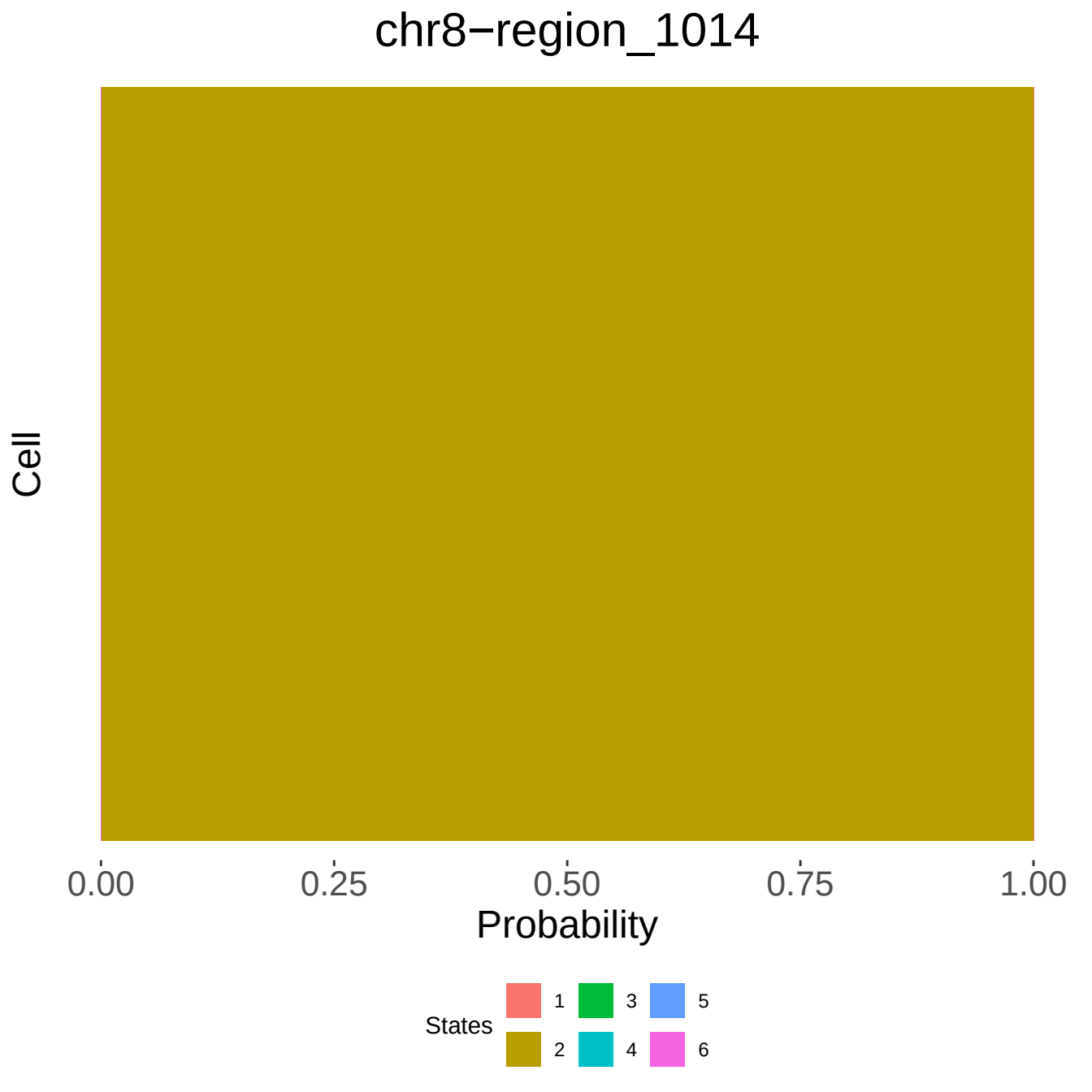
chr8−region_1014
Cell
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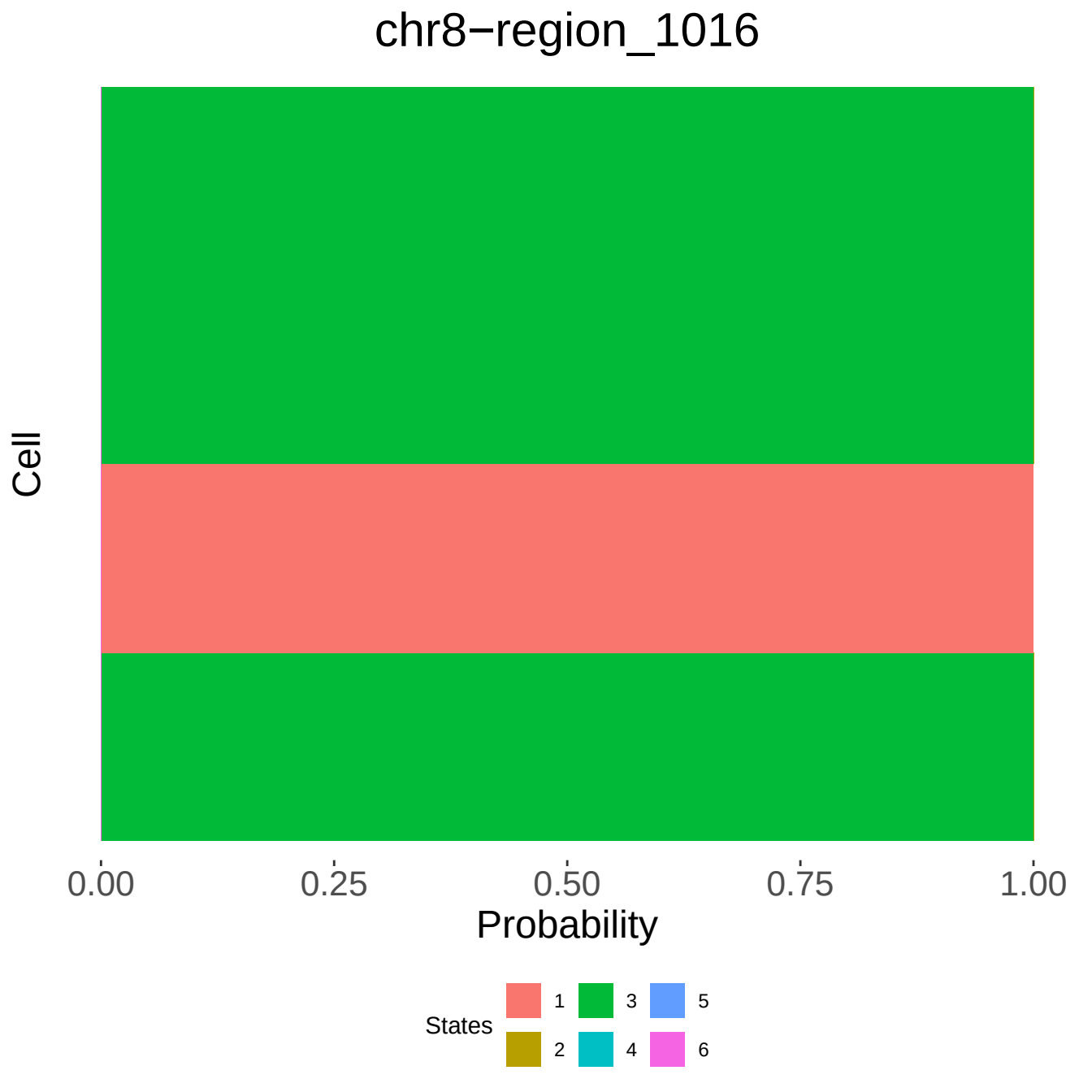
0.25
0.50
0.75
1.00
Probability
States
1
2
3
4
5
6


chr8−region_1016
Cell
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0.75
1.00
Probability
States
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3
4
5
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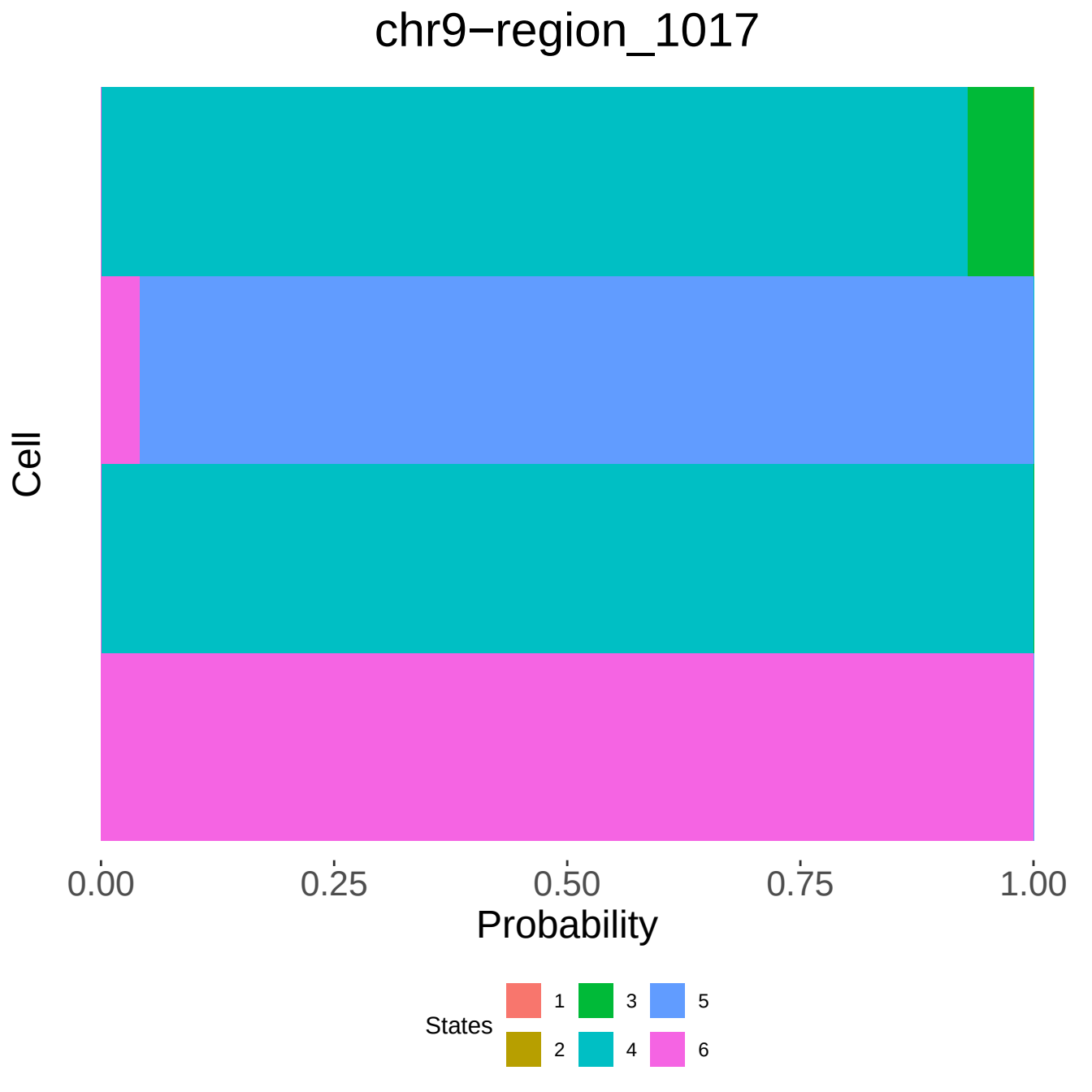
chr9−region_1017
Cell
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0.25
0.50
0.75
1.00
Probability
States
1
2
3
4
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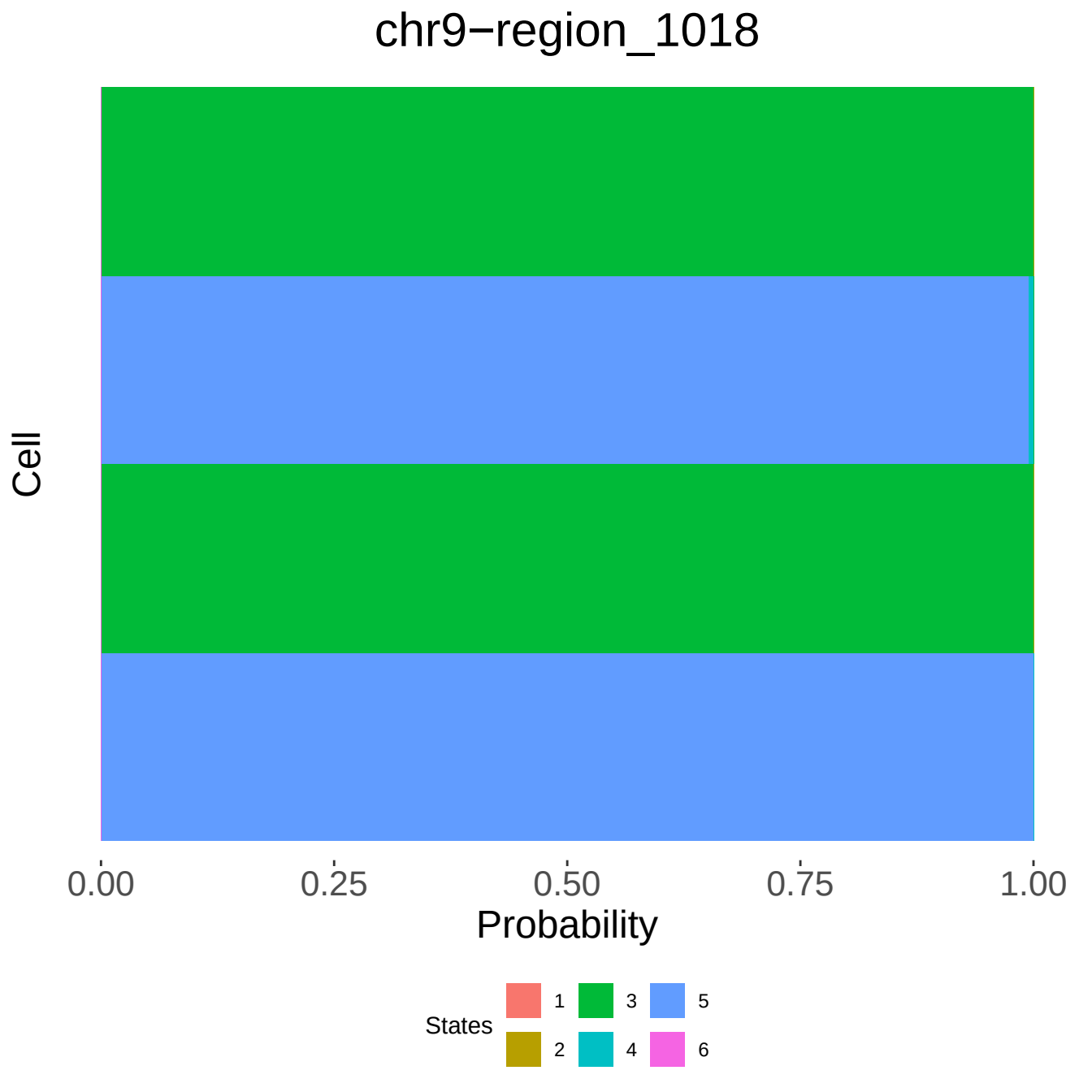
chr9−region_1018
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Probability
States
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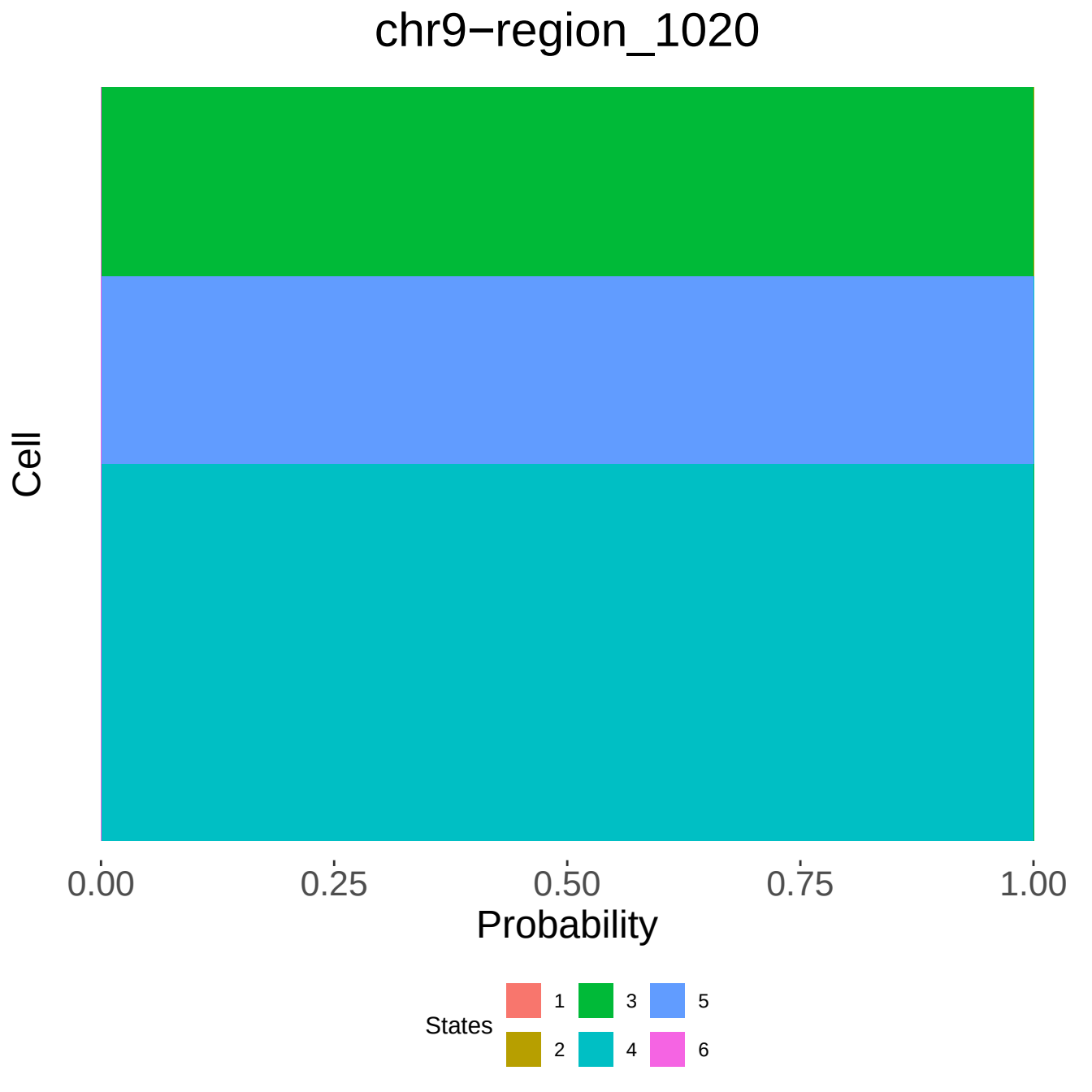
chr9−region_1020
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Probability
States
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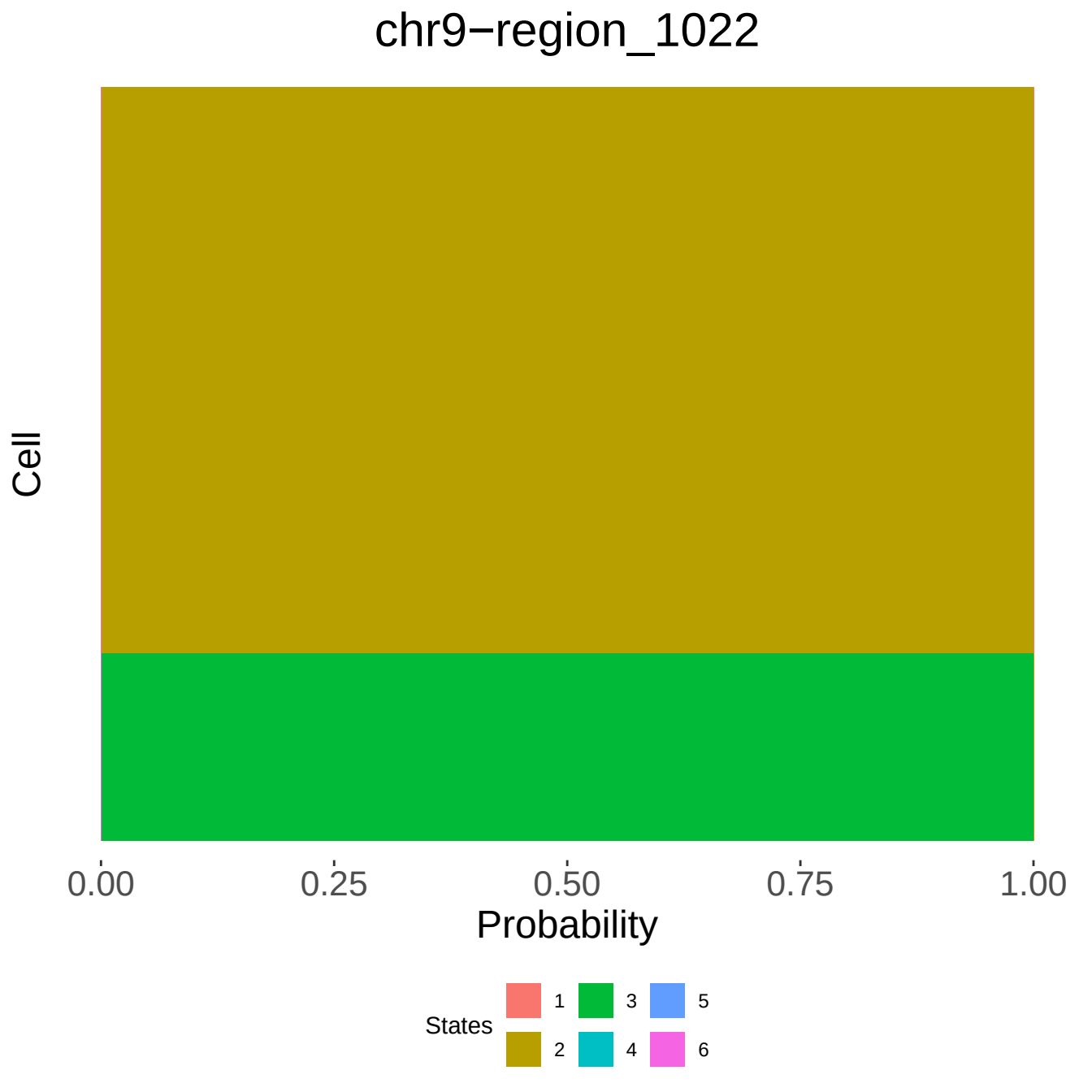
chr9−region_1022
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Probability
States
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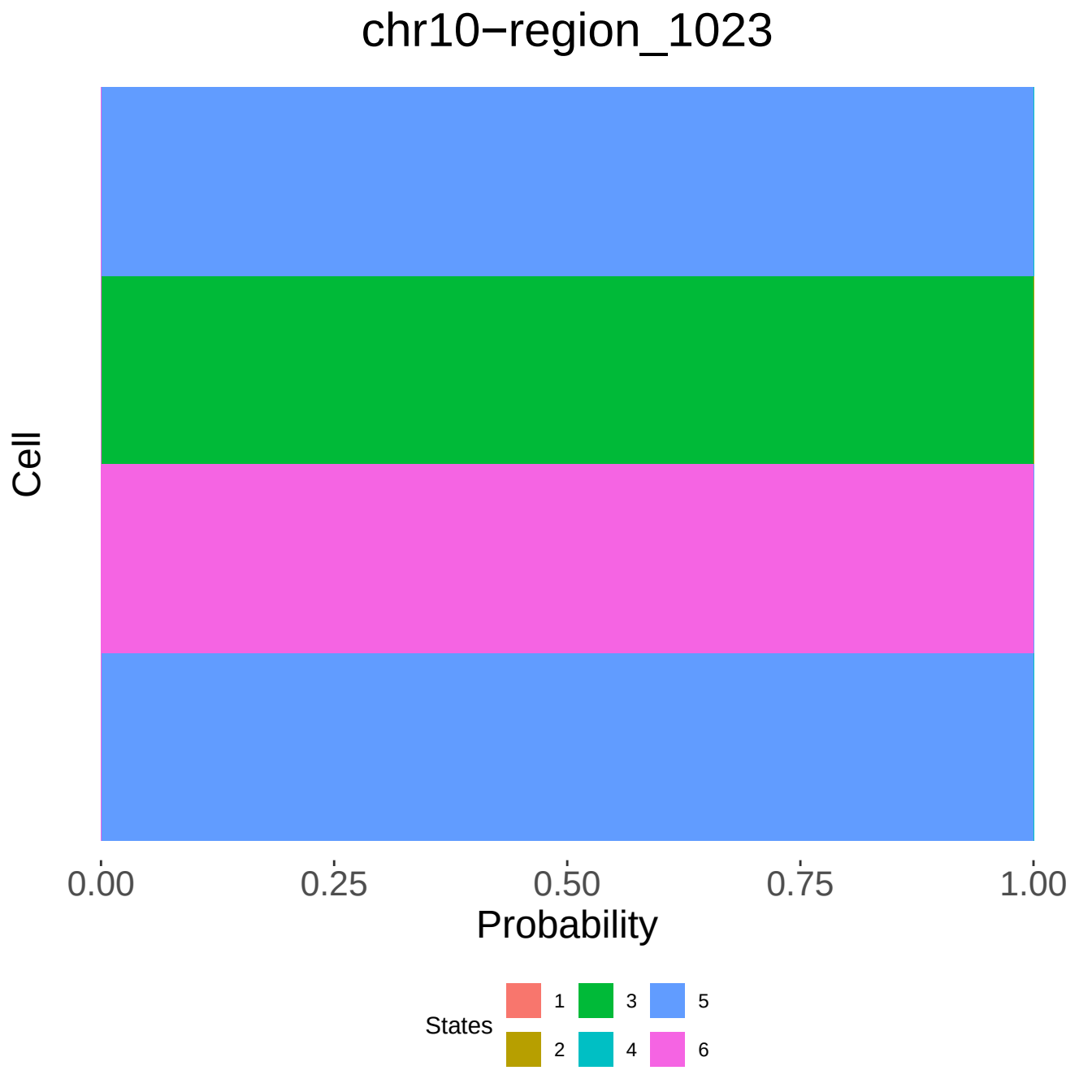
chr10−region_1023
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Probability
States
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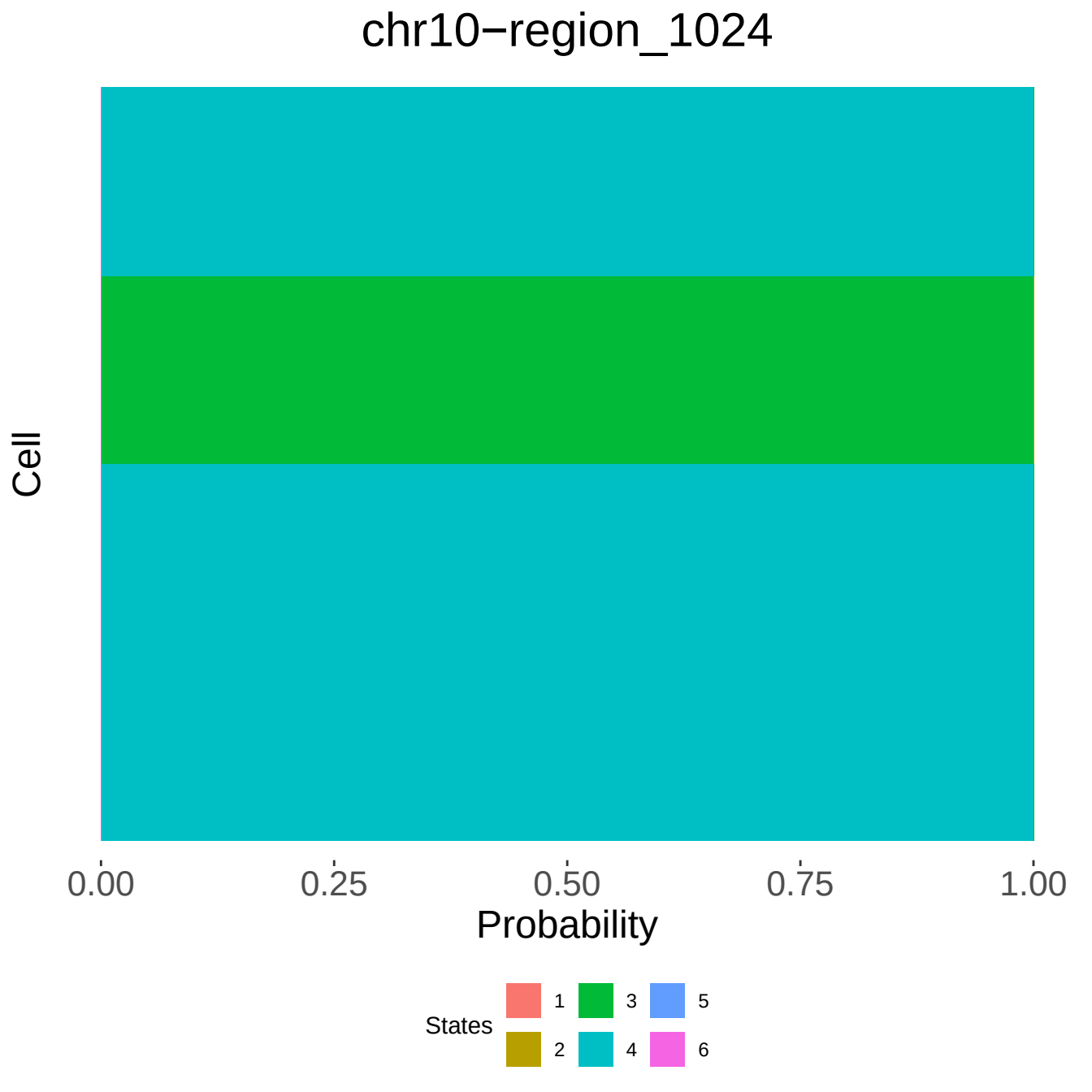
chr10−region_1024
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Probability
States
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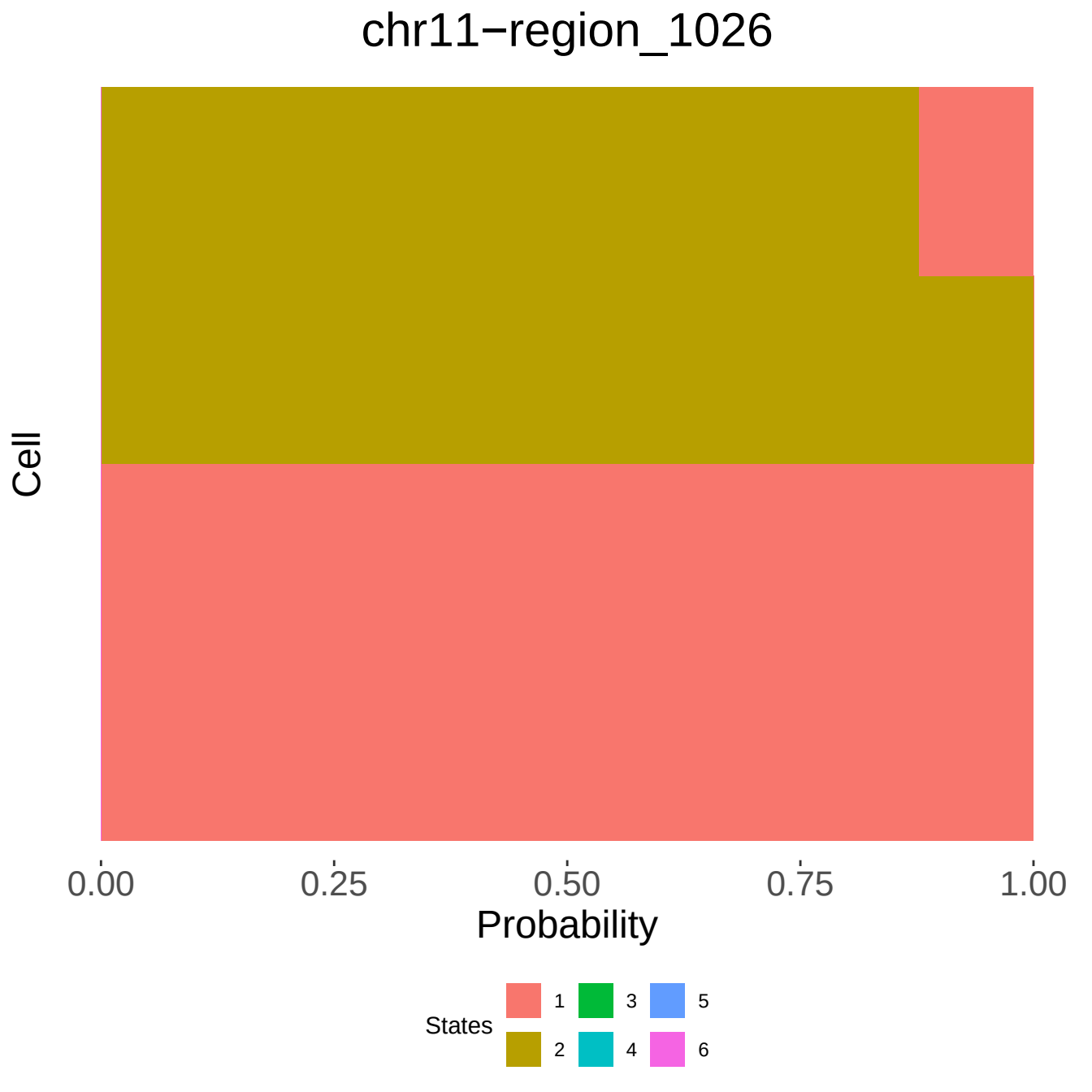
chr11−region_1026
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Probability
States
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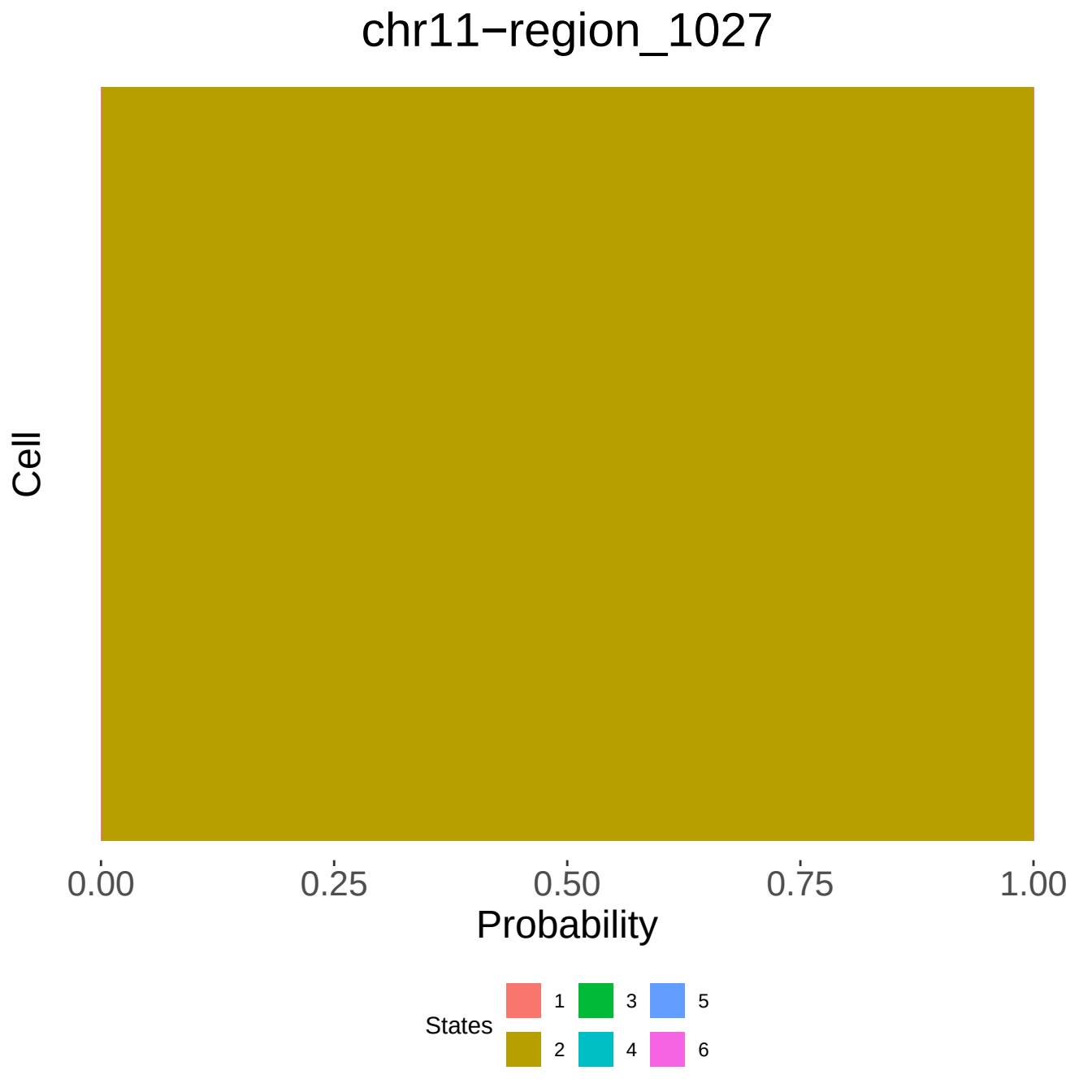
chr11−region_1027
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Probability
States
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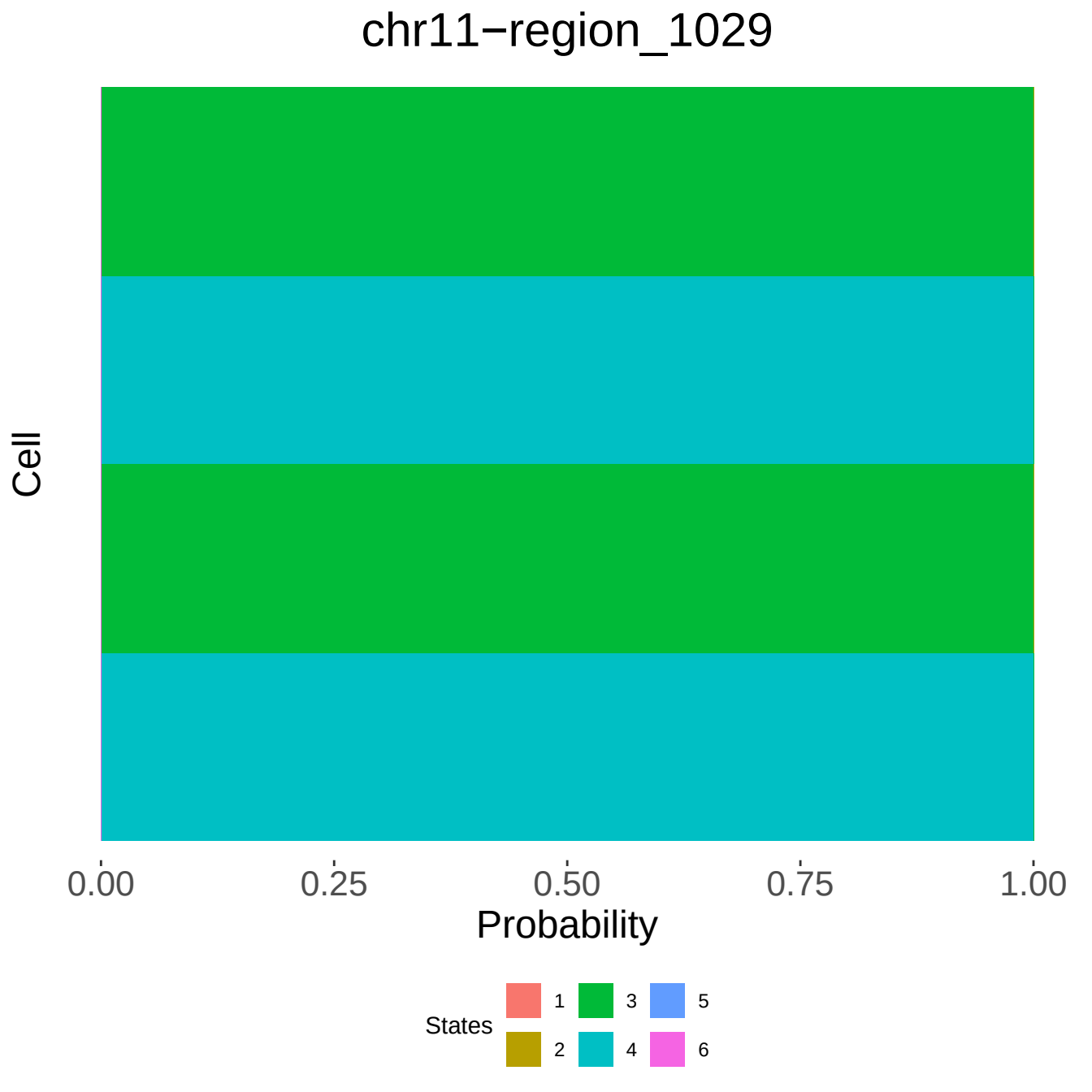
chr11−region_1029
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Probability
States
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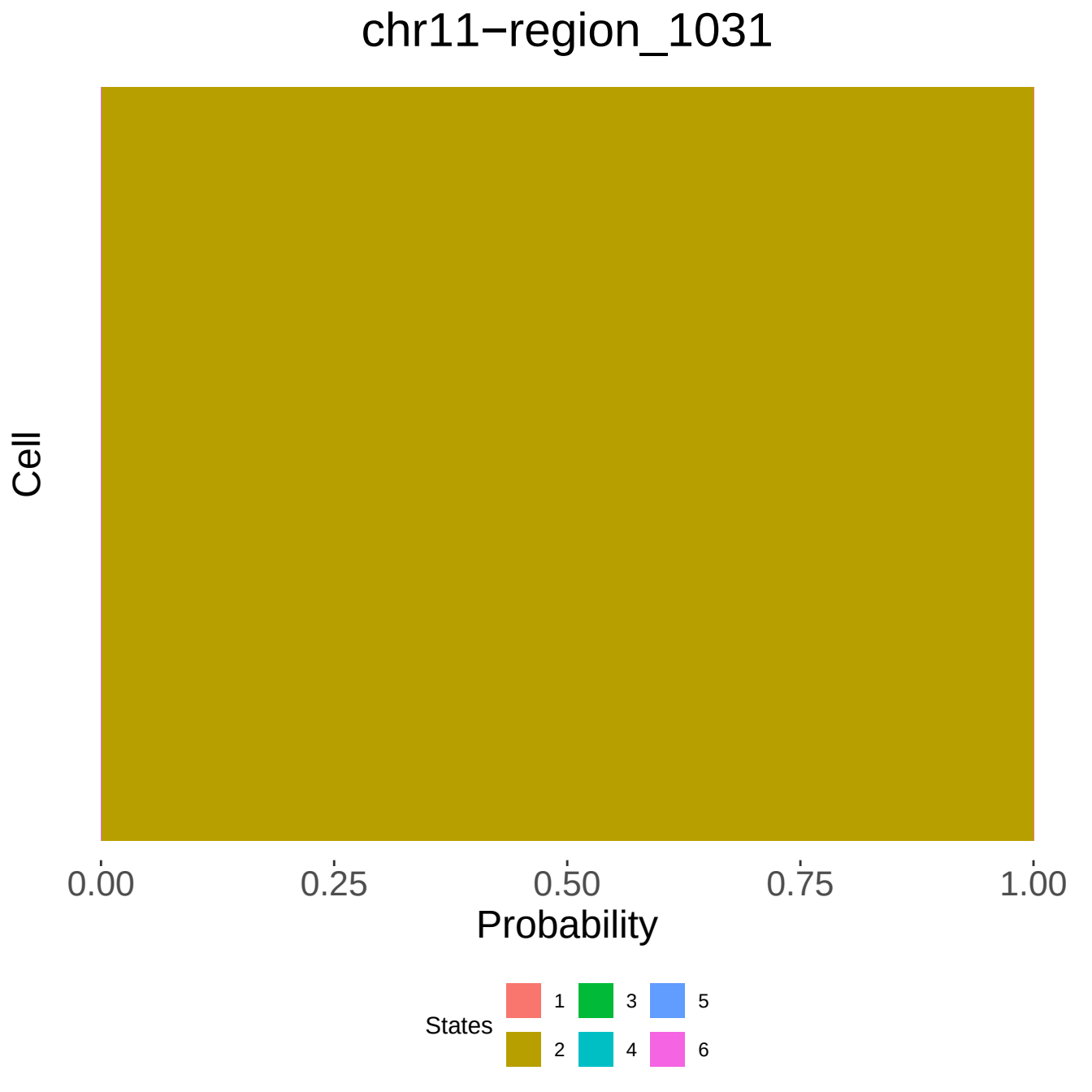
chr11−region_1031
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Probability
States
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3
4
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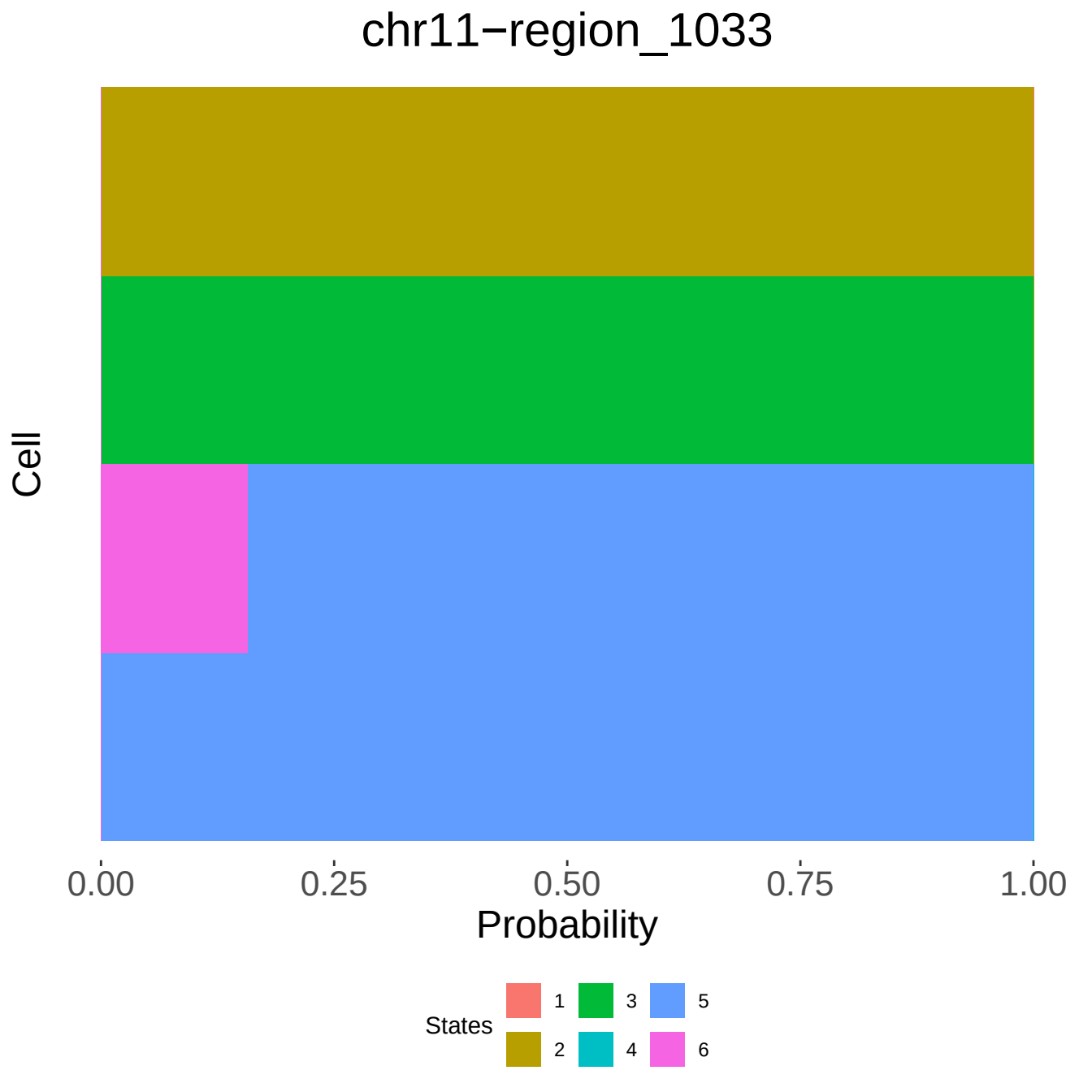
chr11−region_1033
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Probability
States
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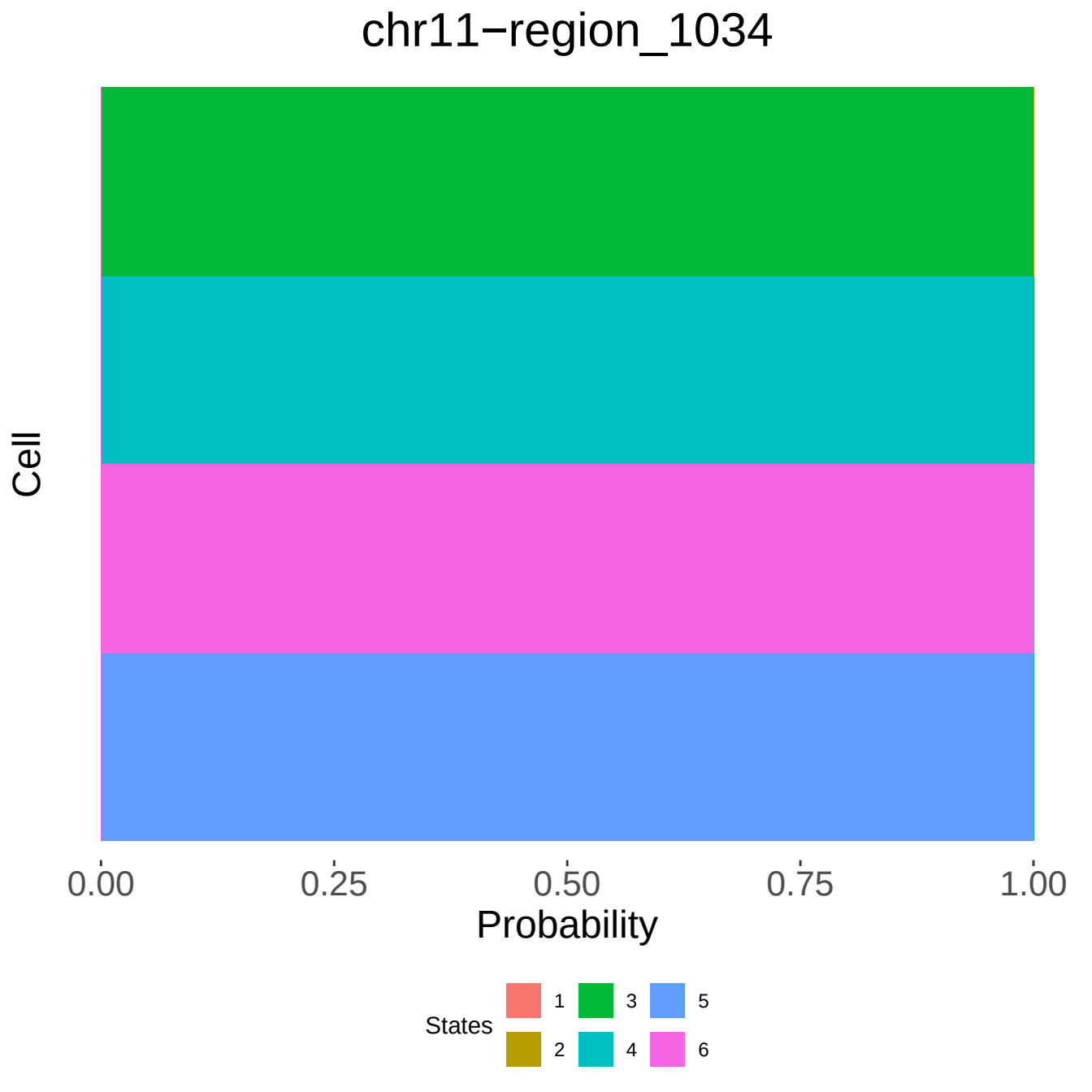
5
2
4
6


chr11−region_1034
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Probability
States
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3
4
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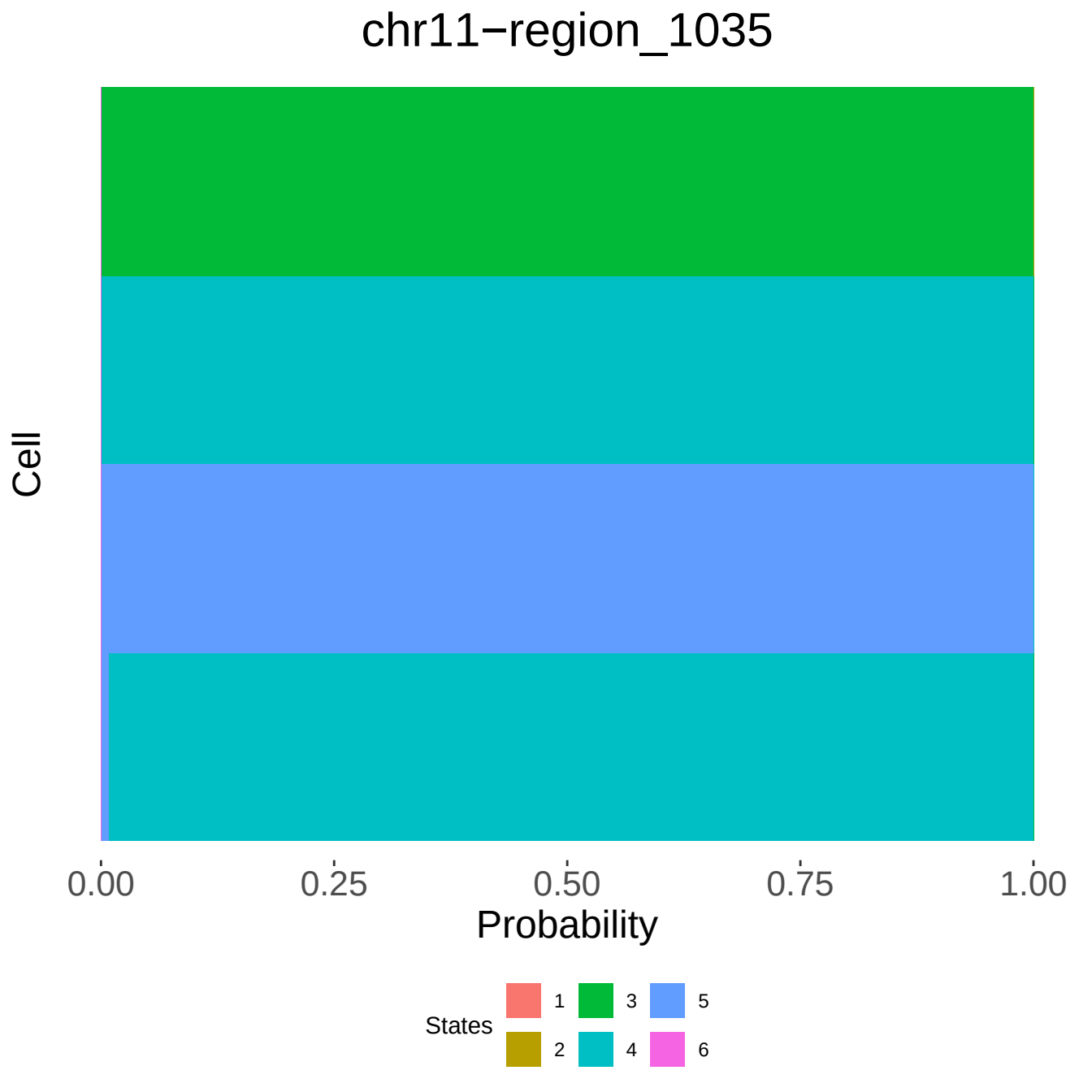
chr11−region_1035
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Probability
States
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4
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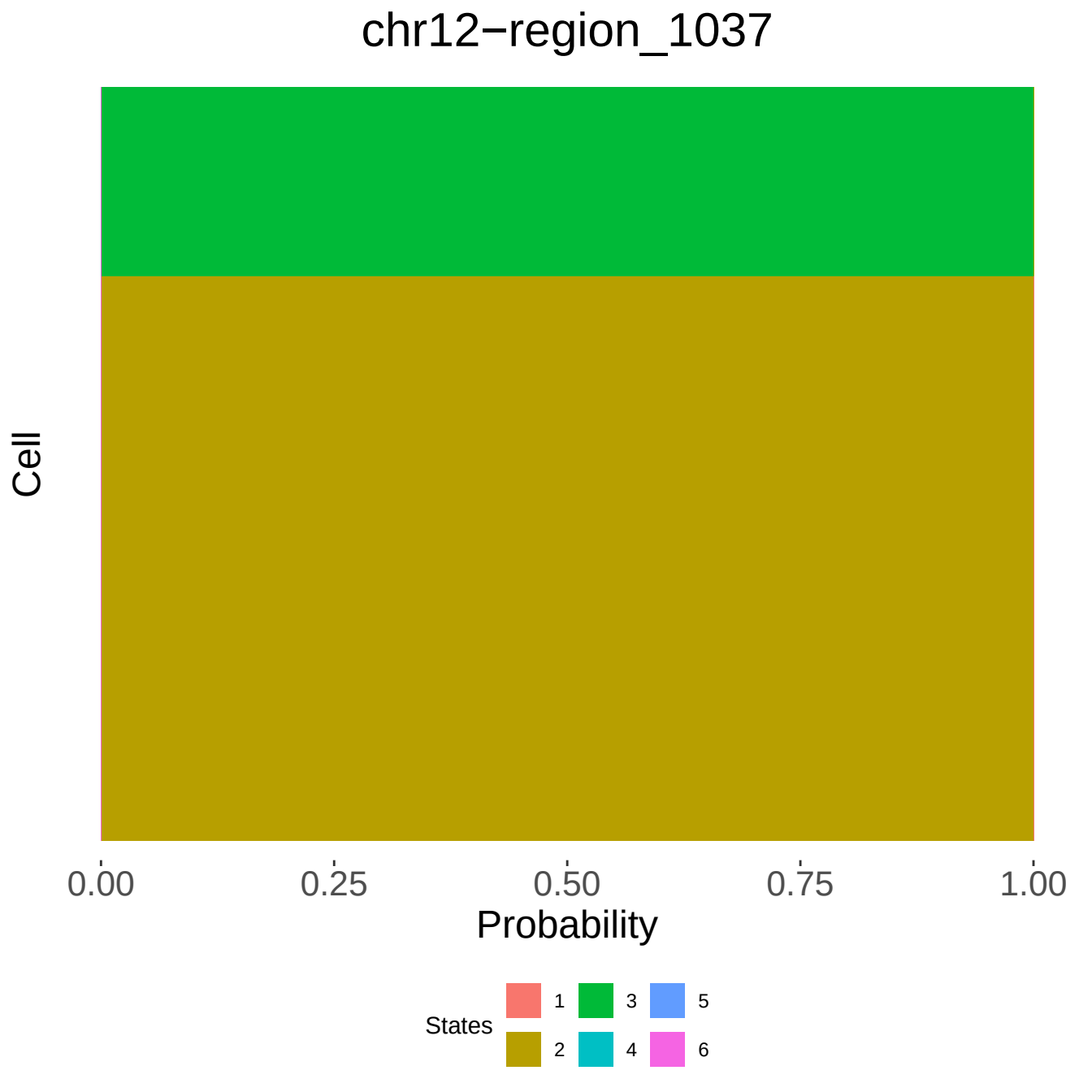
chr12−region_1037
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Probability
States
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3
4
5
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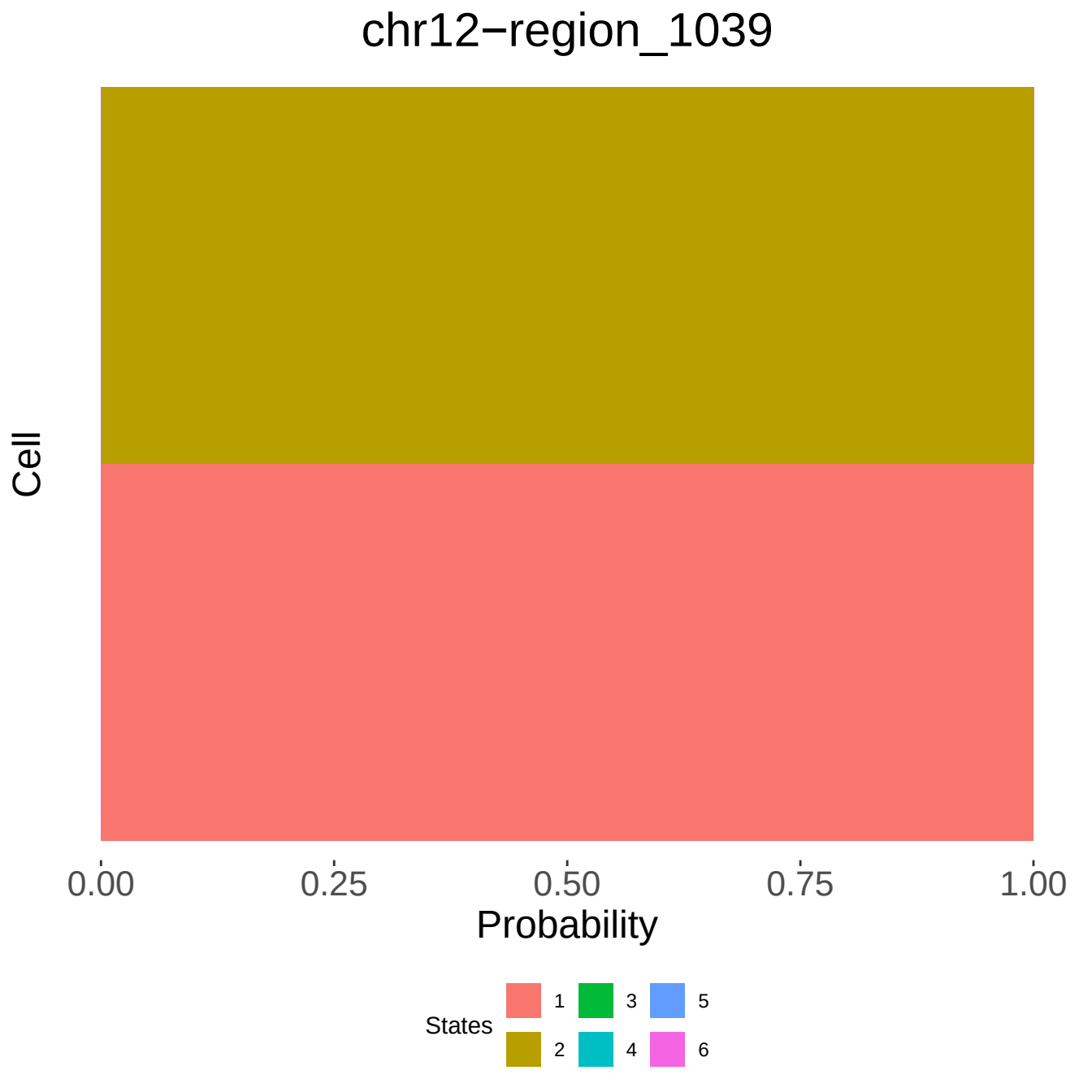
chr12−region_1039
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Probability
States
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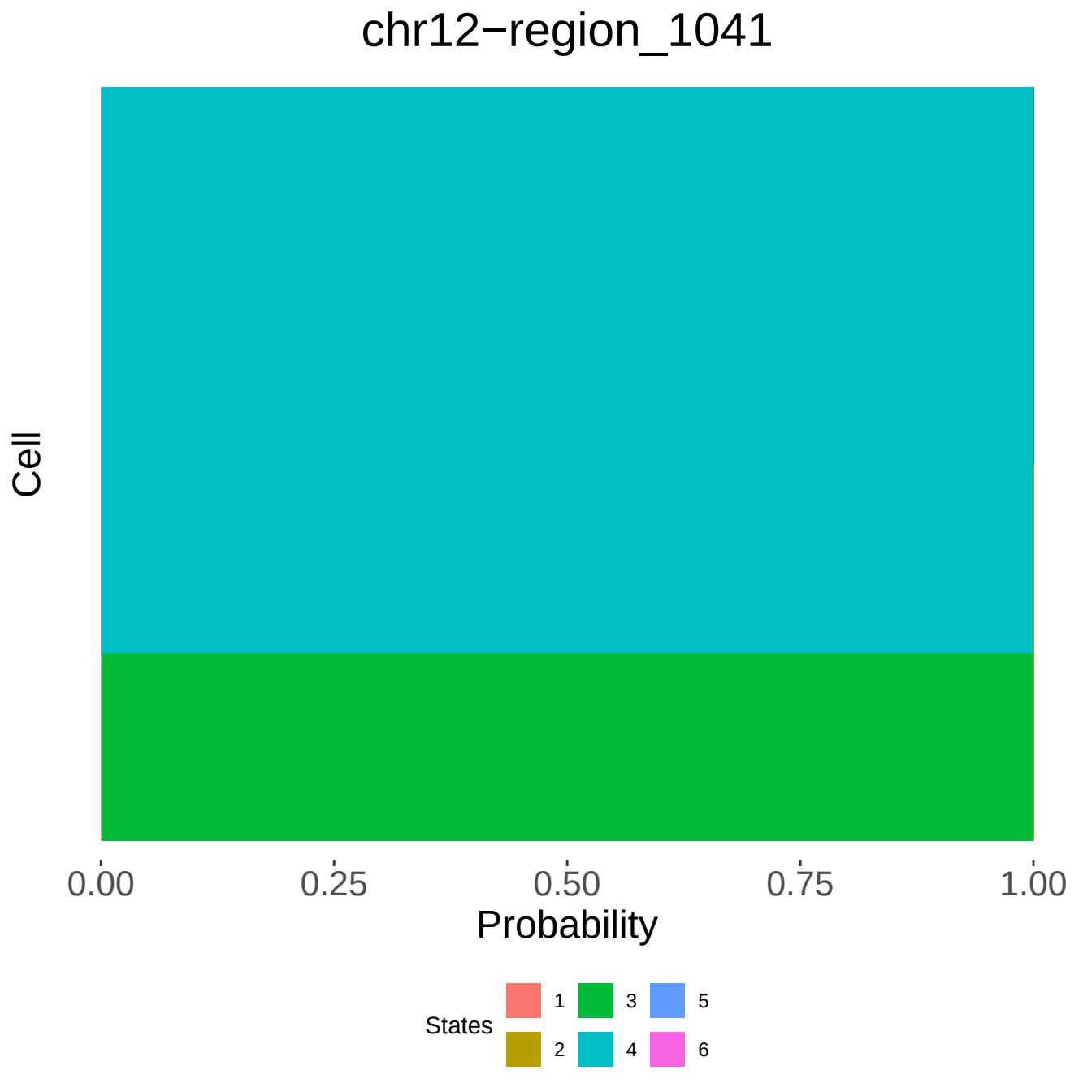
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Probability
States
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4
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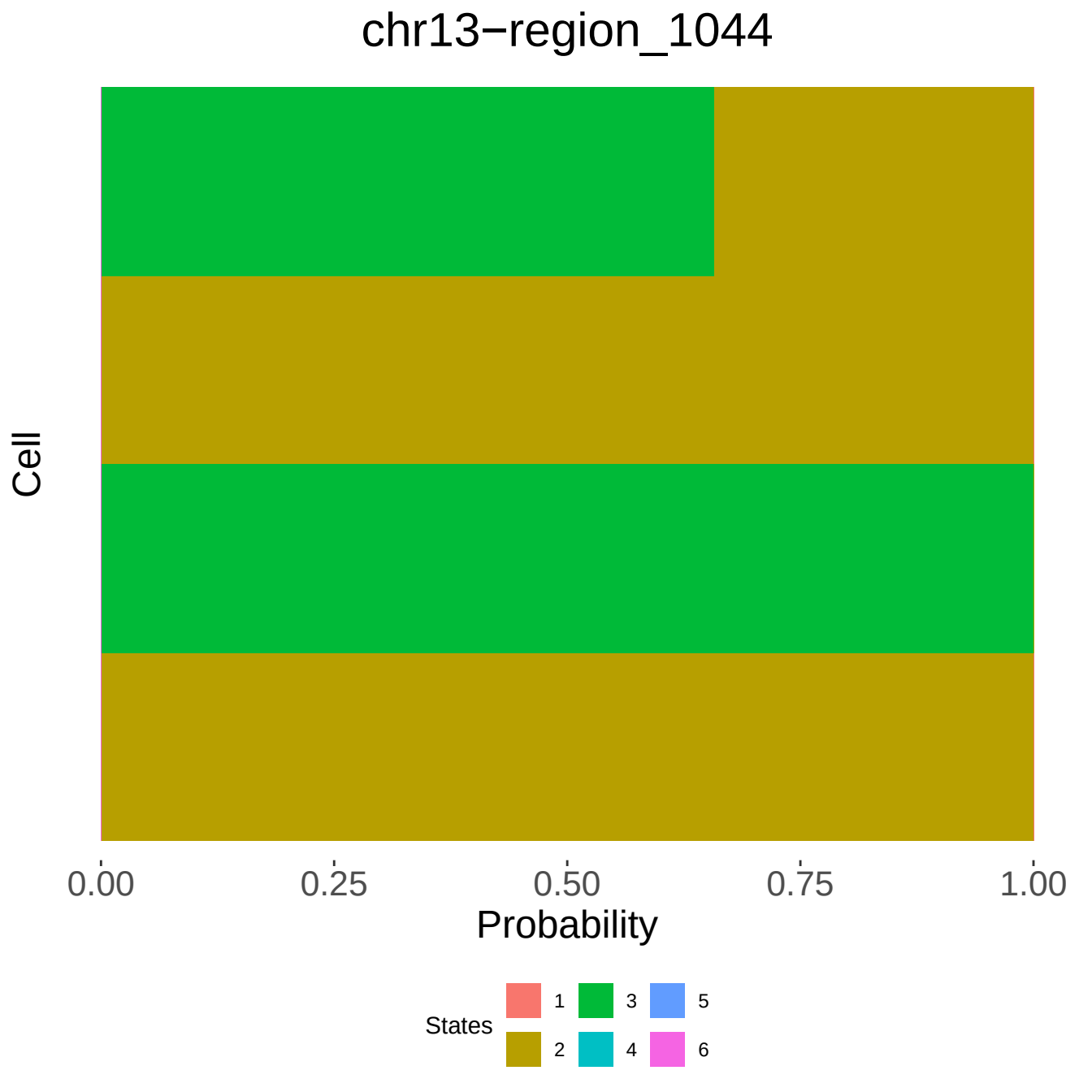
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Probability
States
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4
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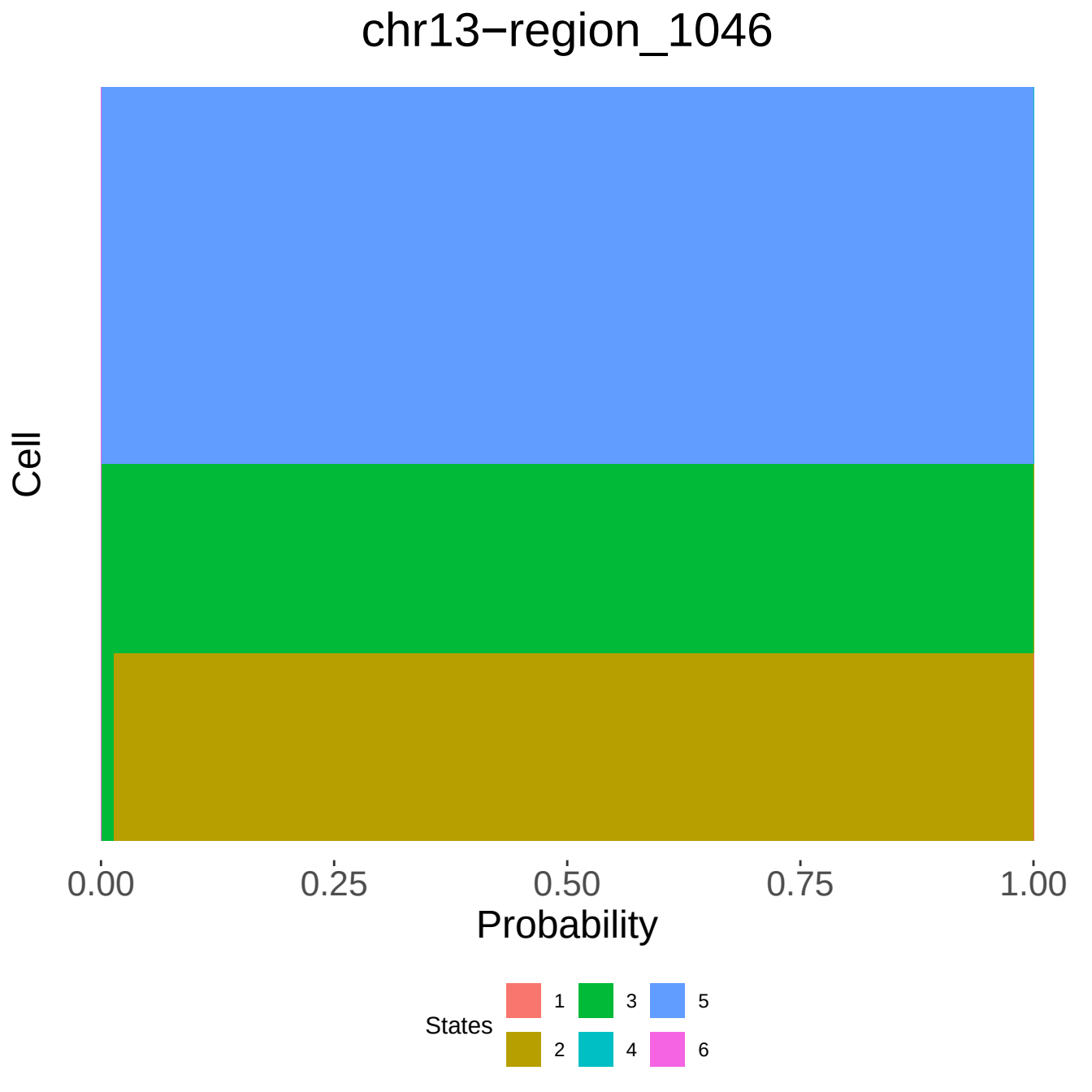
chr13−region_1046
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Probability
States
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3
4
5
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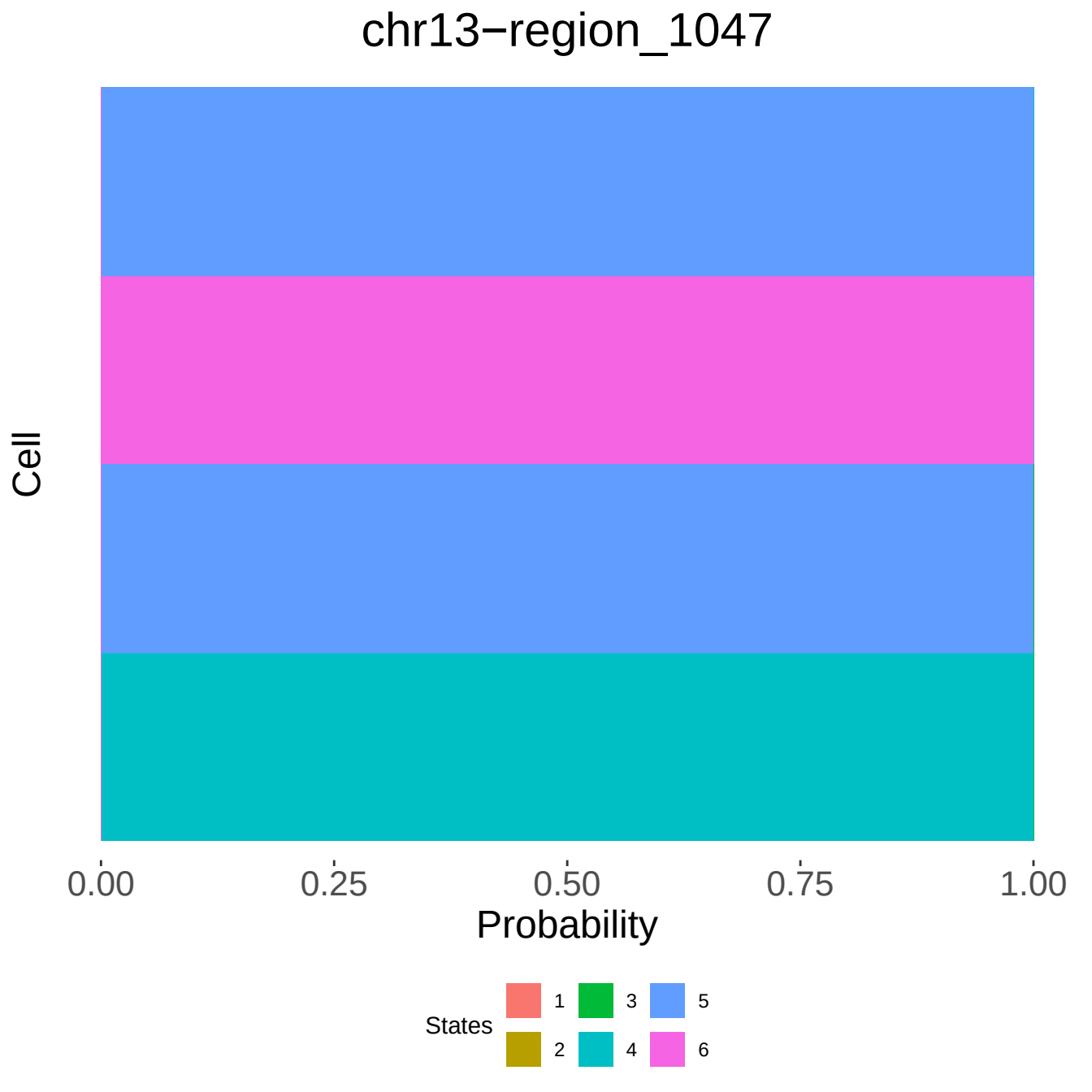
chr13−region_1047
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Probability
States
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4
5
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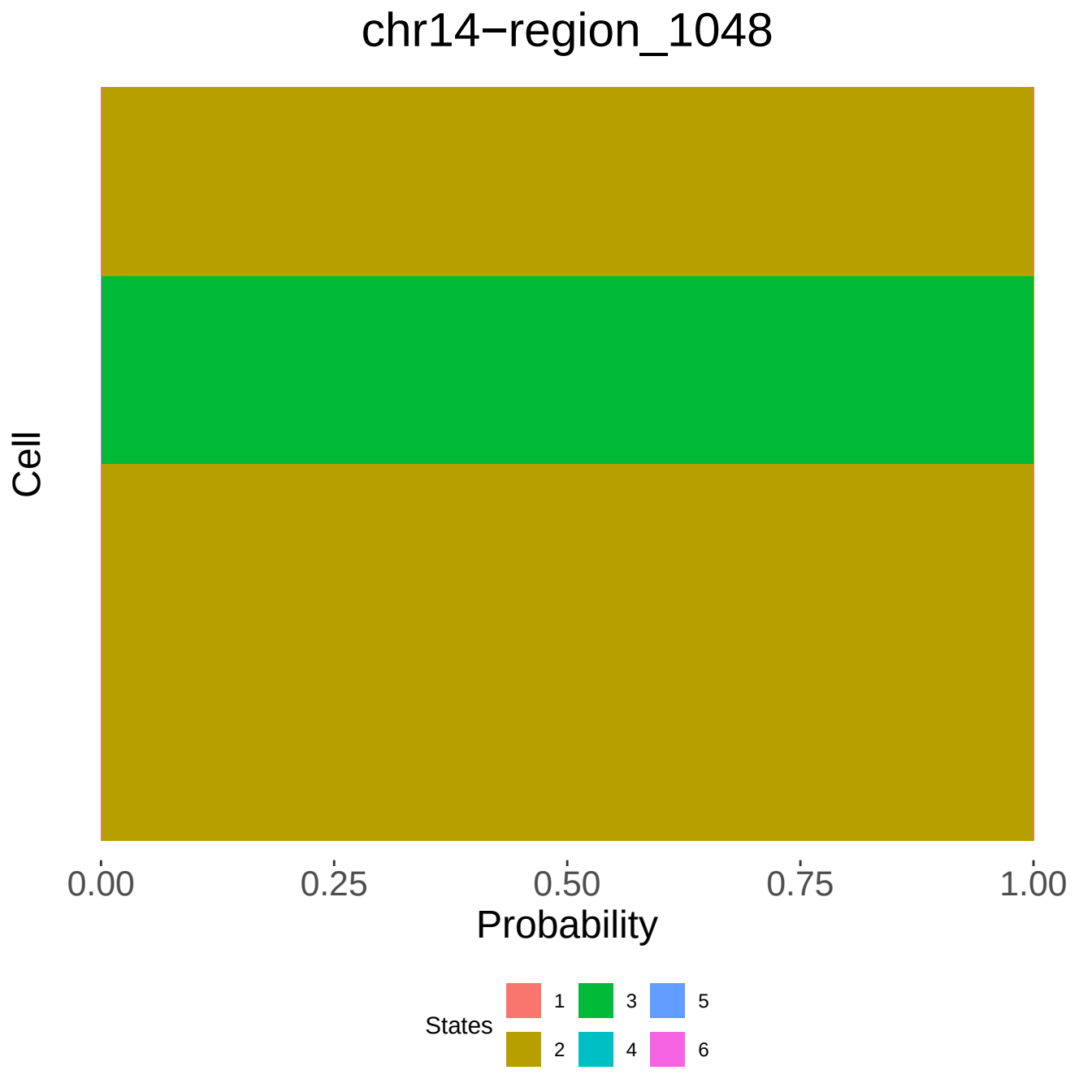
chr14−region_1048
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Probability
States
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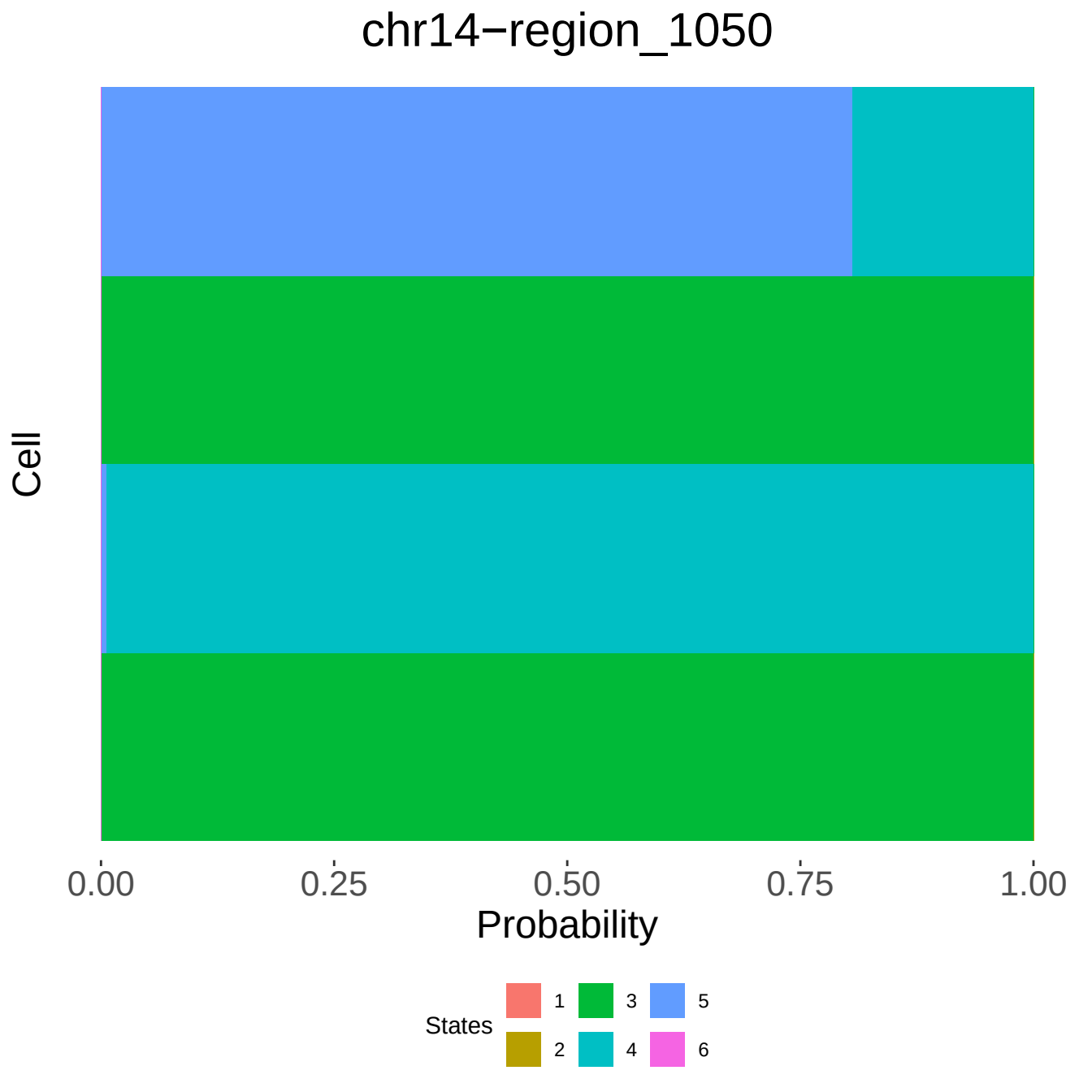
3
4
5
6


chr14−region_1050
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Probability
States
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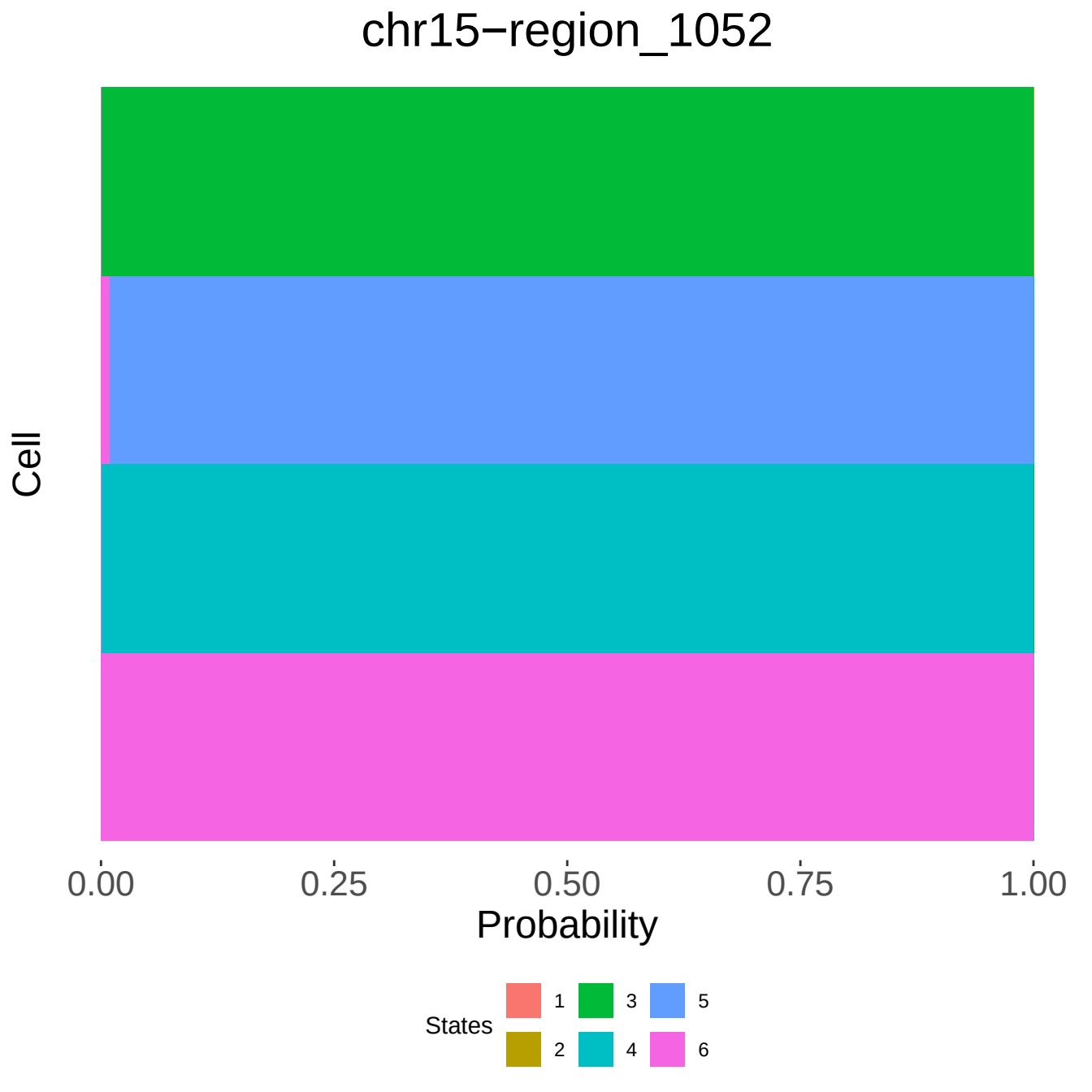
2
3
4
5
6


chr15−region_1052
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Probability
States
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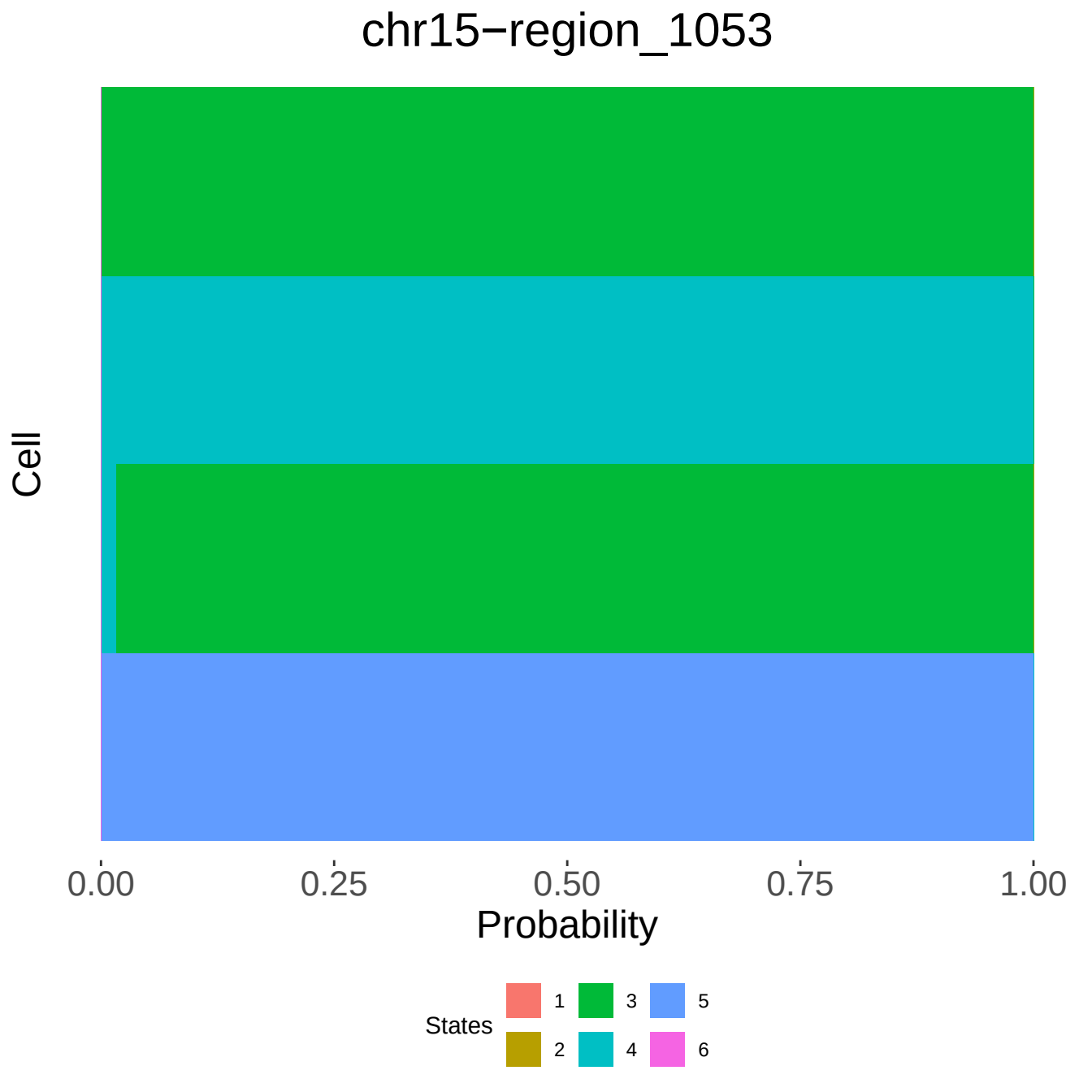
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Probability
States
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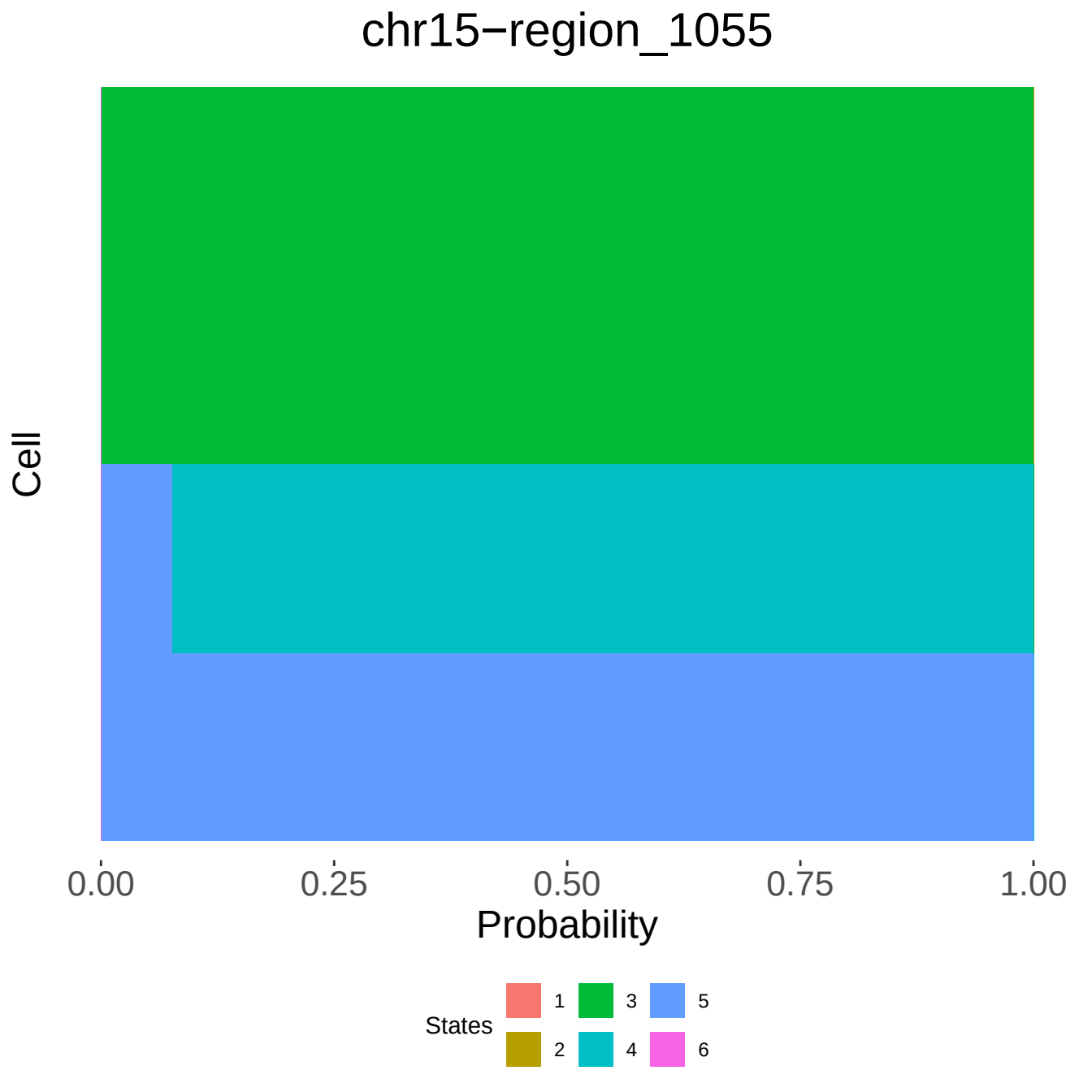
chr15−region_1055
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Probability
States
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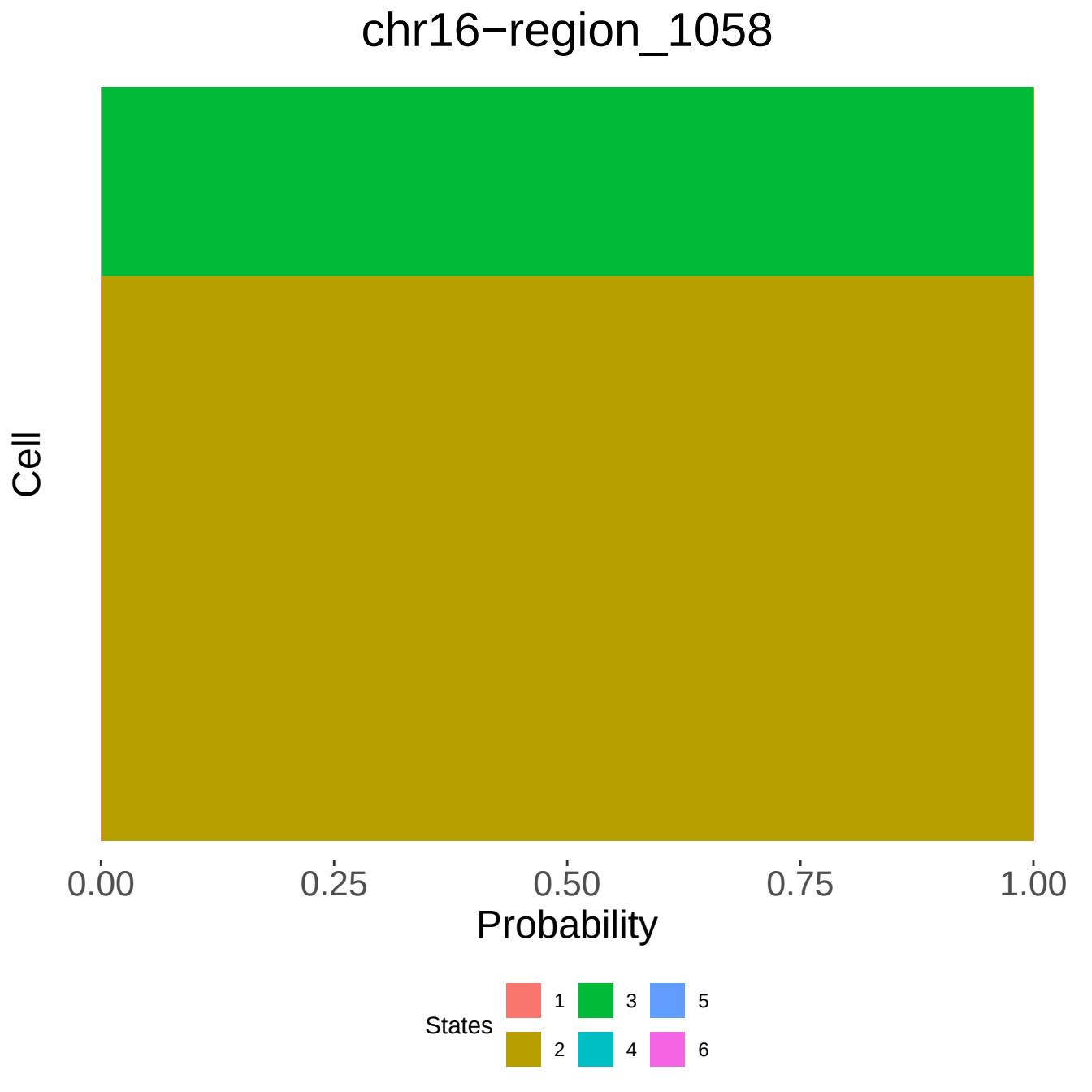
chr16−region_1058
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Probability
States
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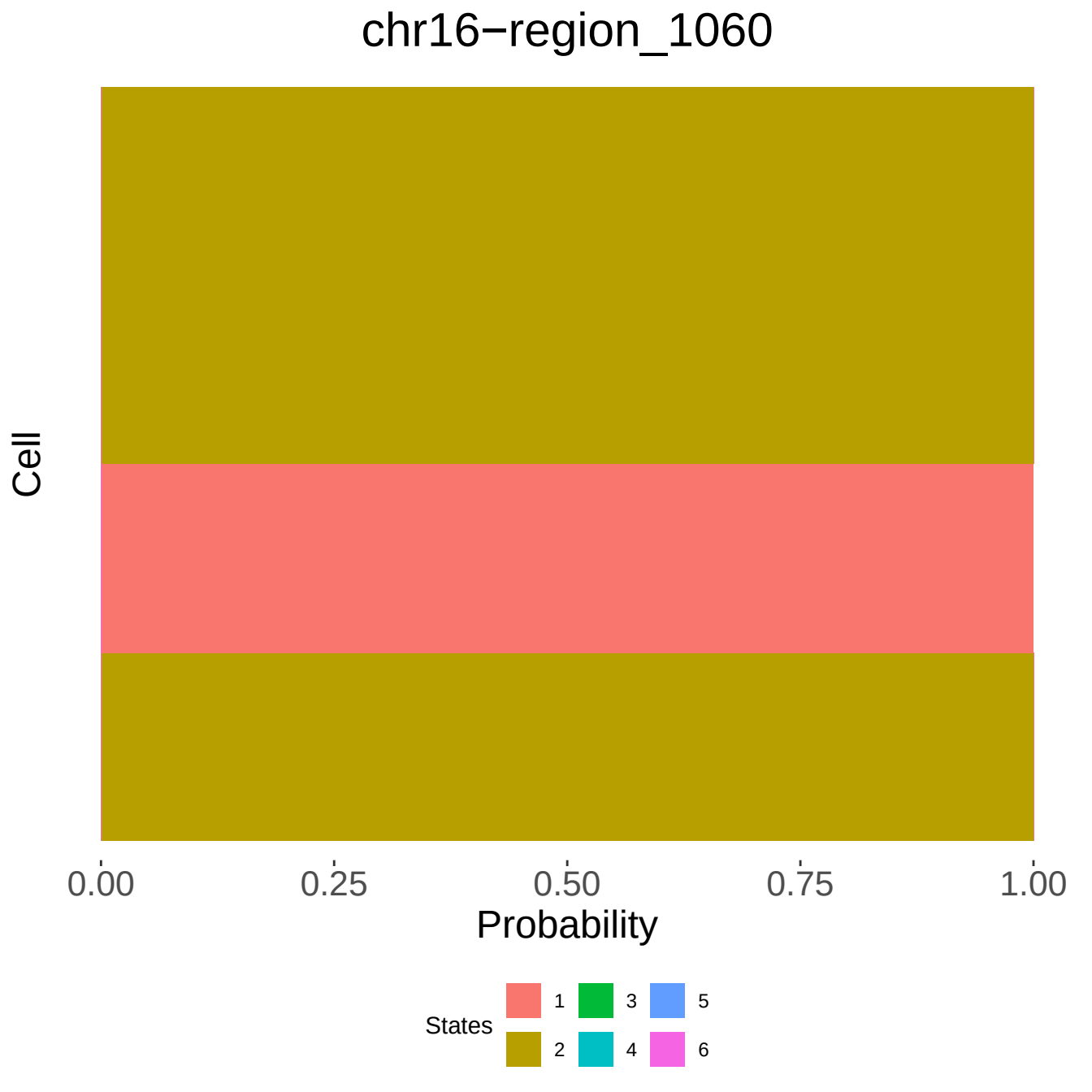
chr16−region_1060
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Probability
States
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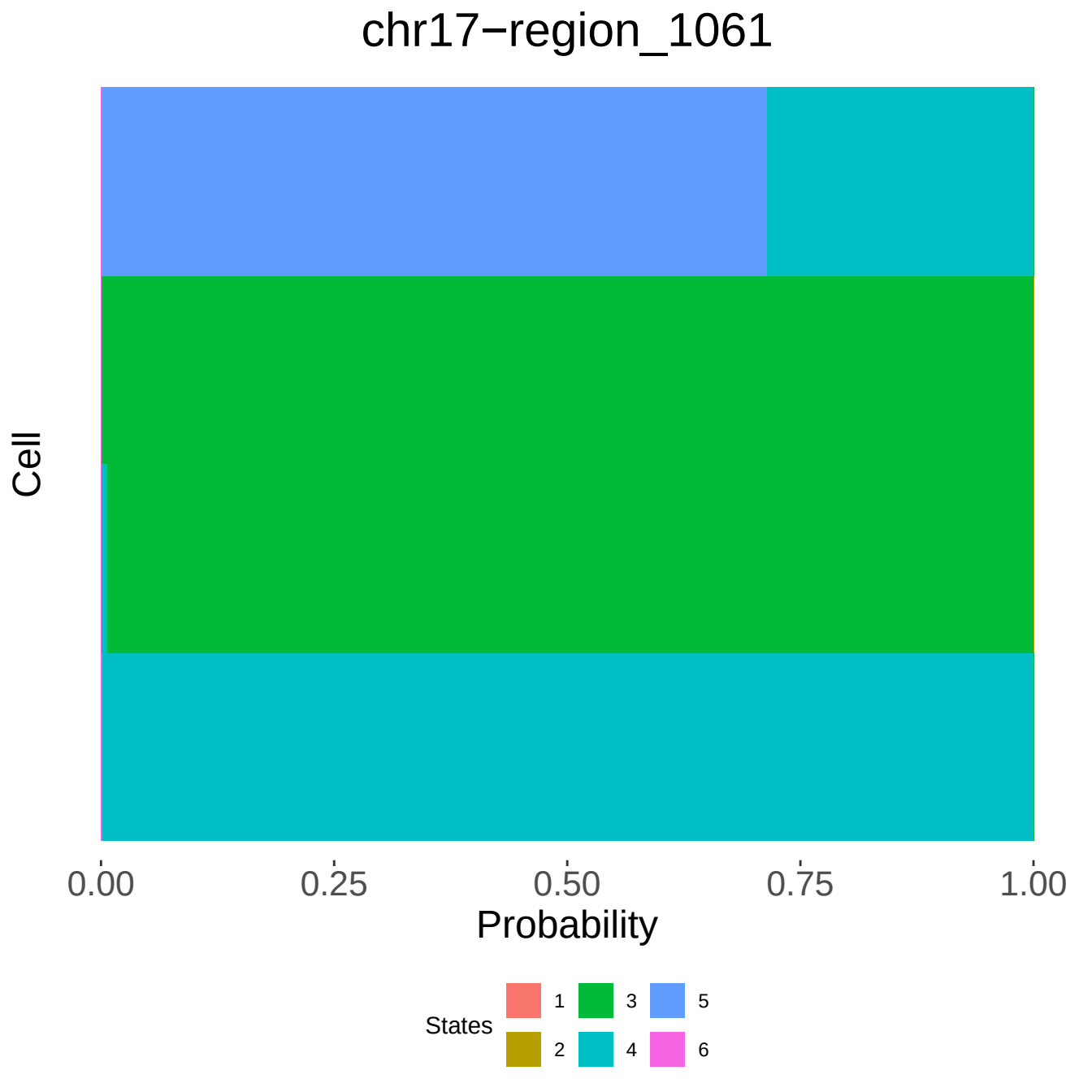
chr17−region_1061
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Probability
States
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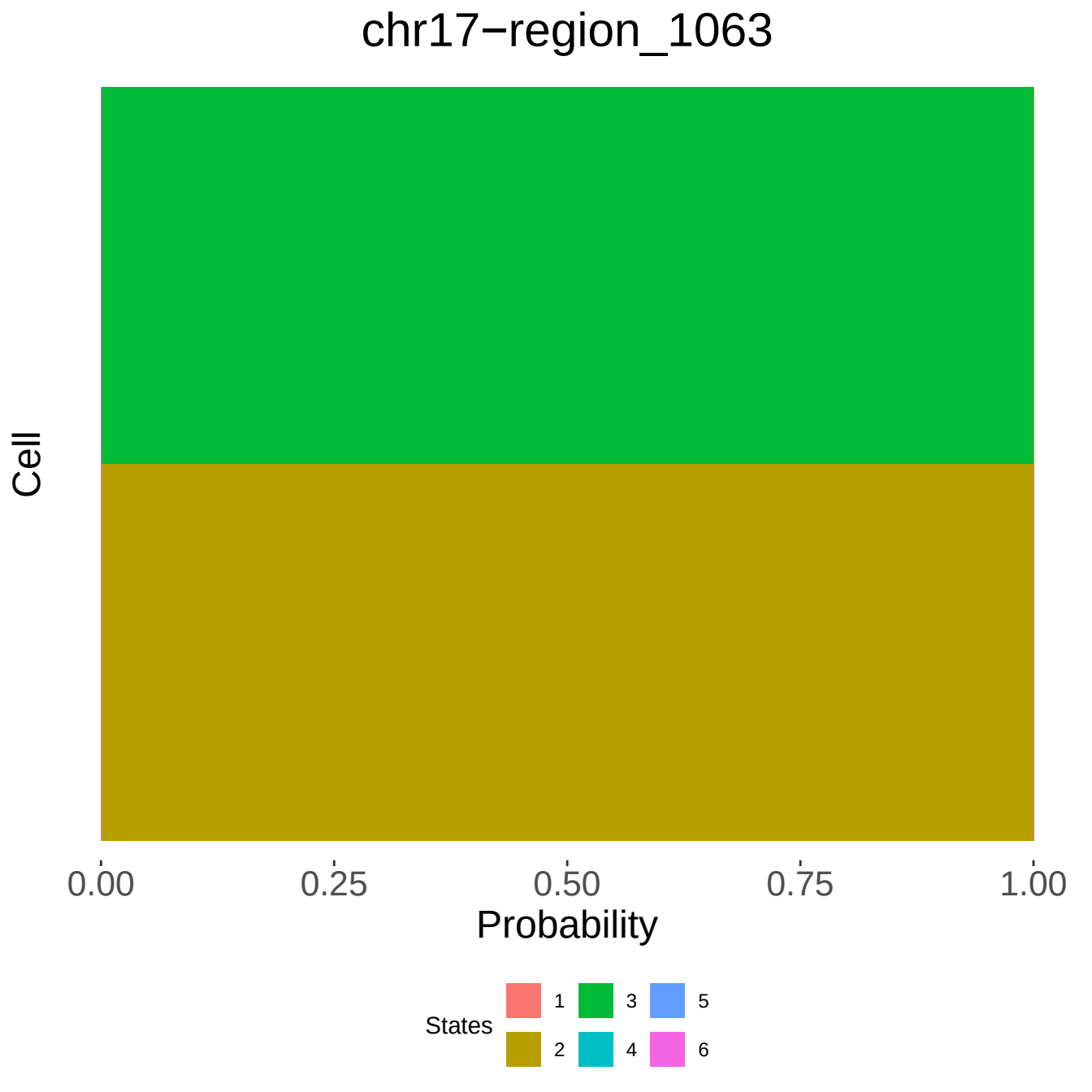
chr17−region_1063
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Probability
States
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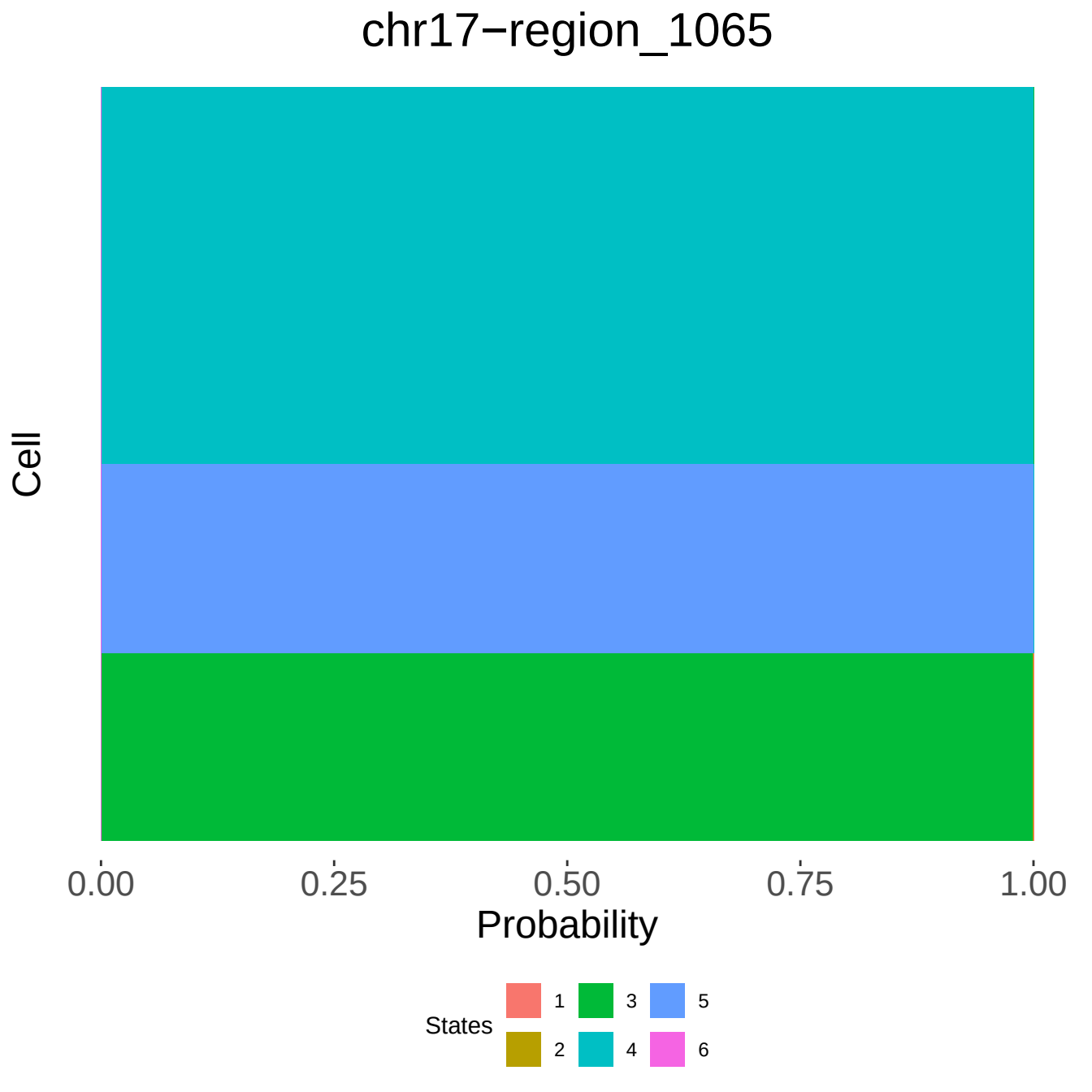
chr17−region_1065
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Probability
States
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3
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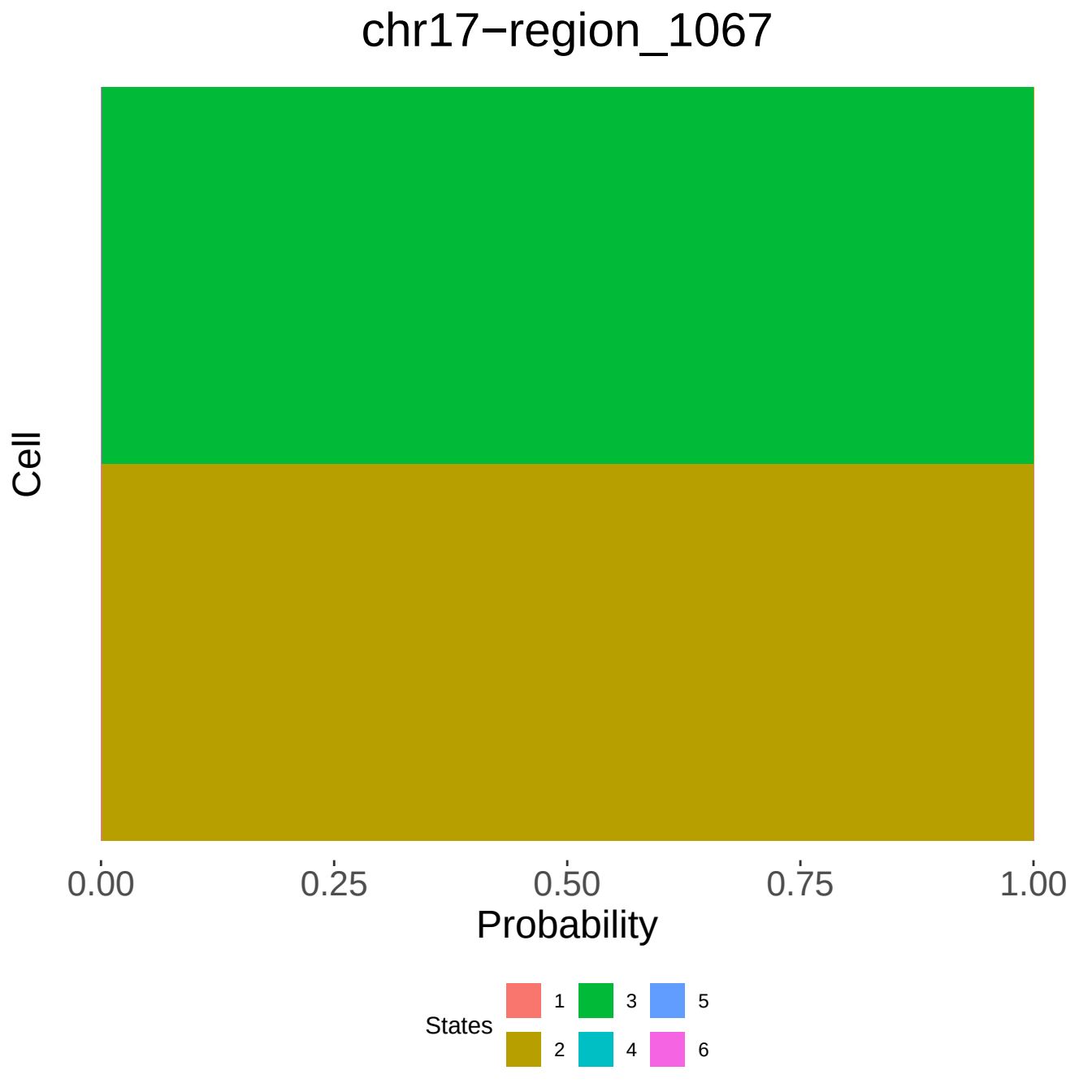
chr17−region_1067
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Probability
States
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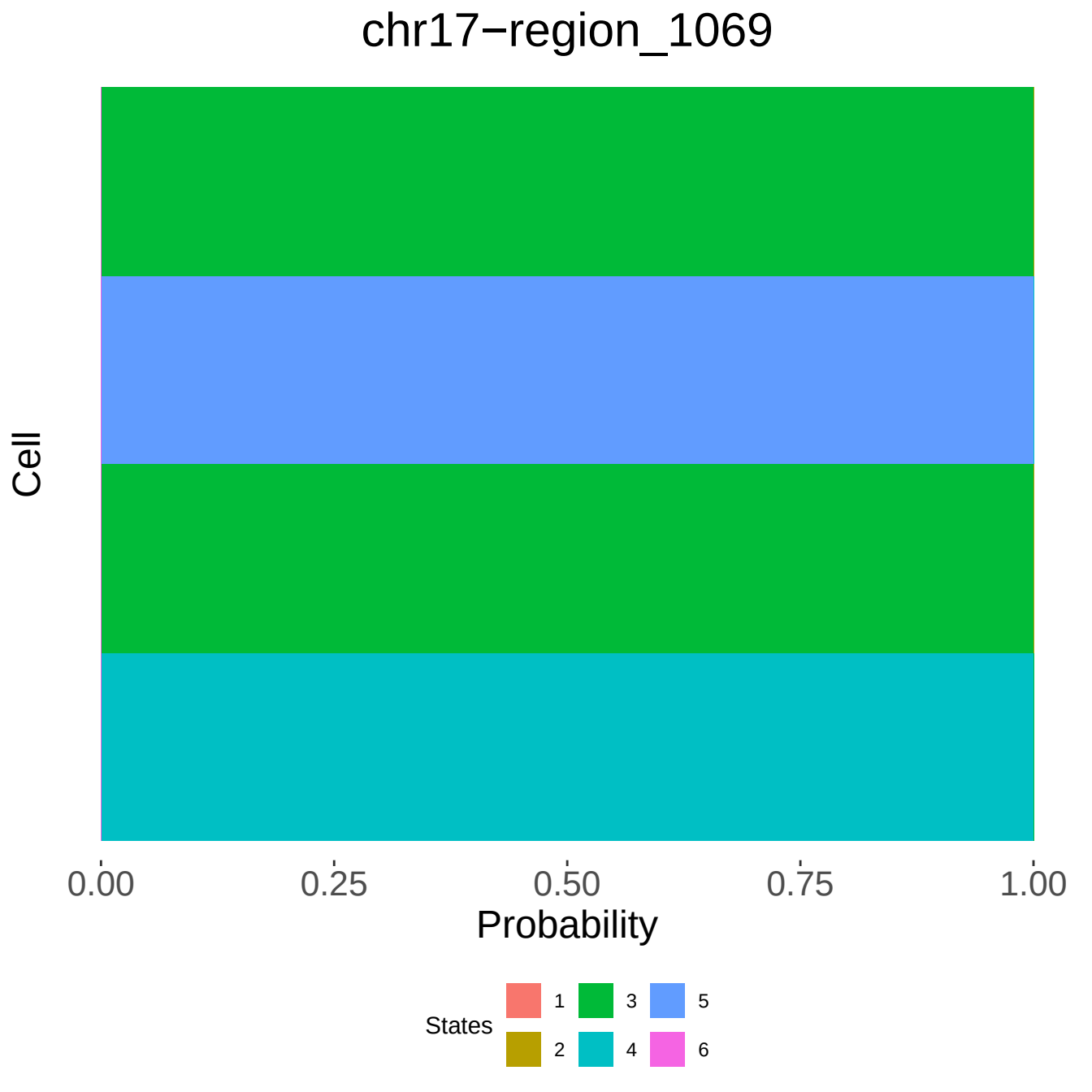
chr17−region_1069
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Probability
States
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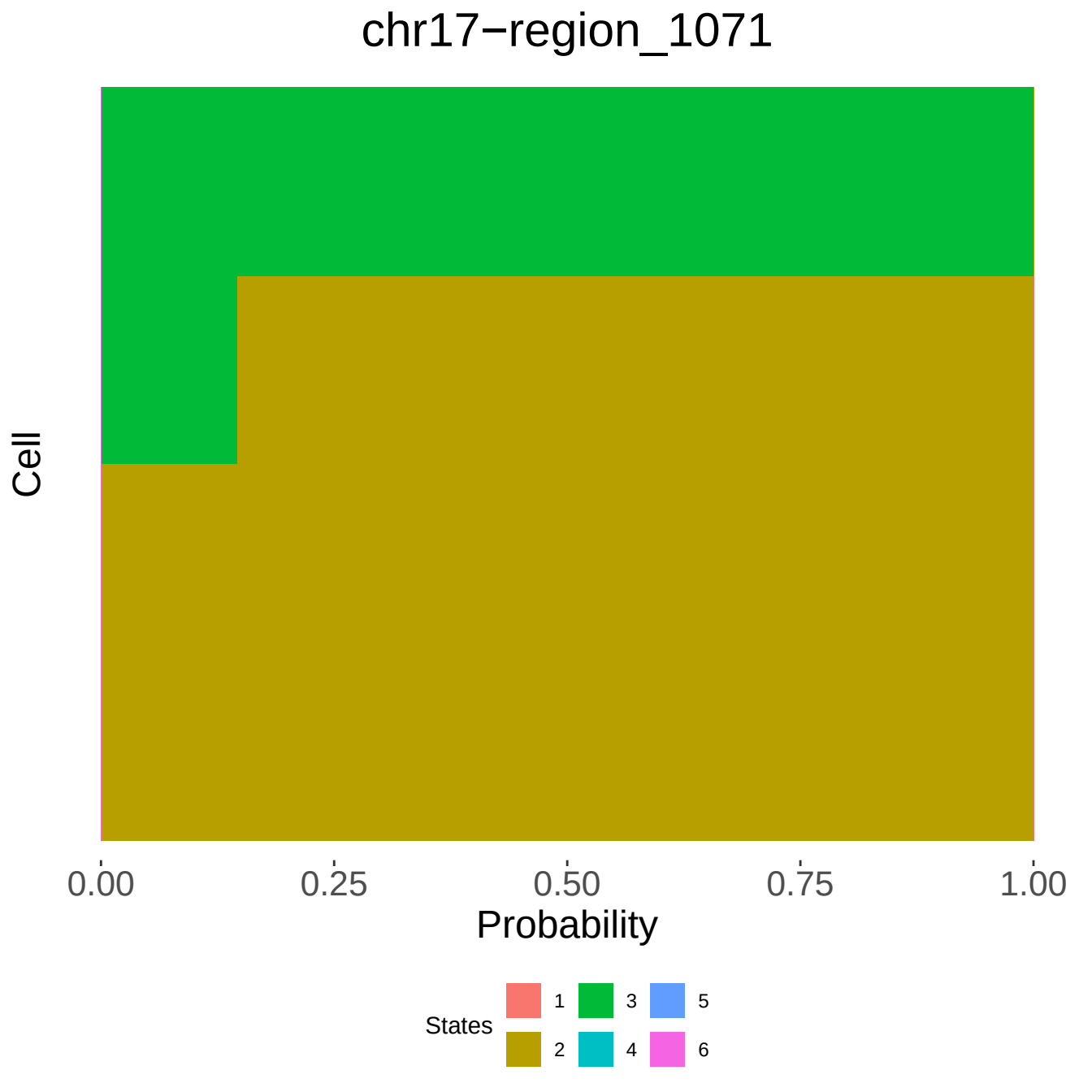
chr17−region_1071
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Probability
States
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3
4
5
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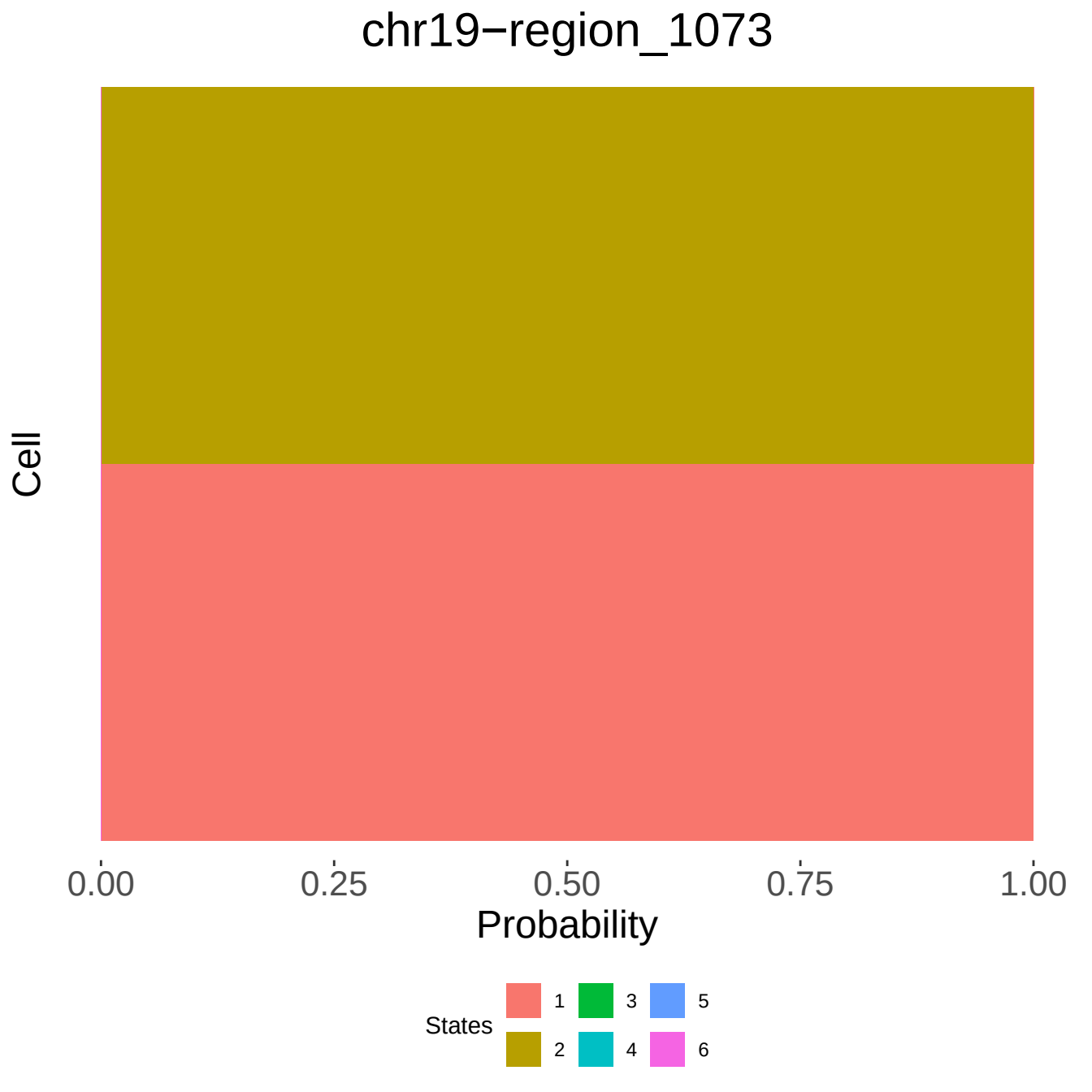
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Probability
States
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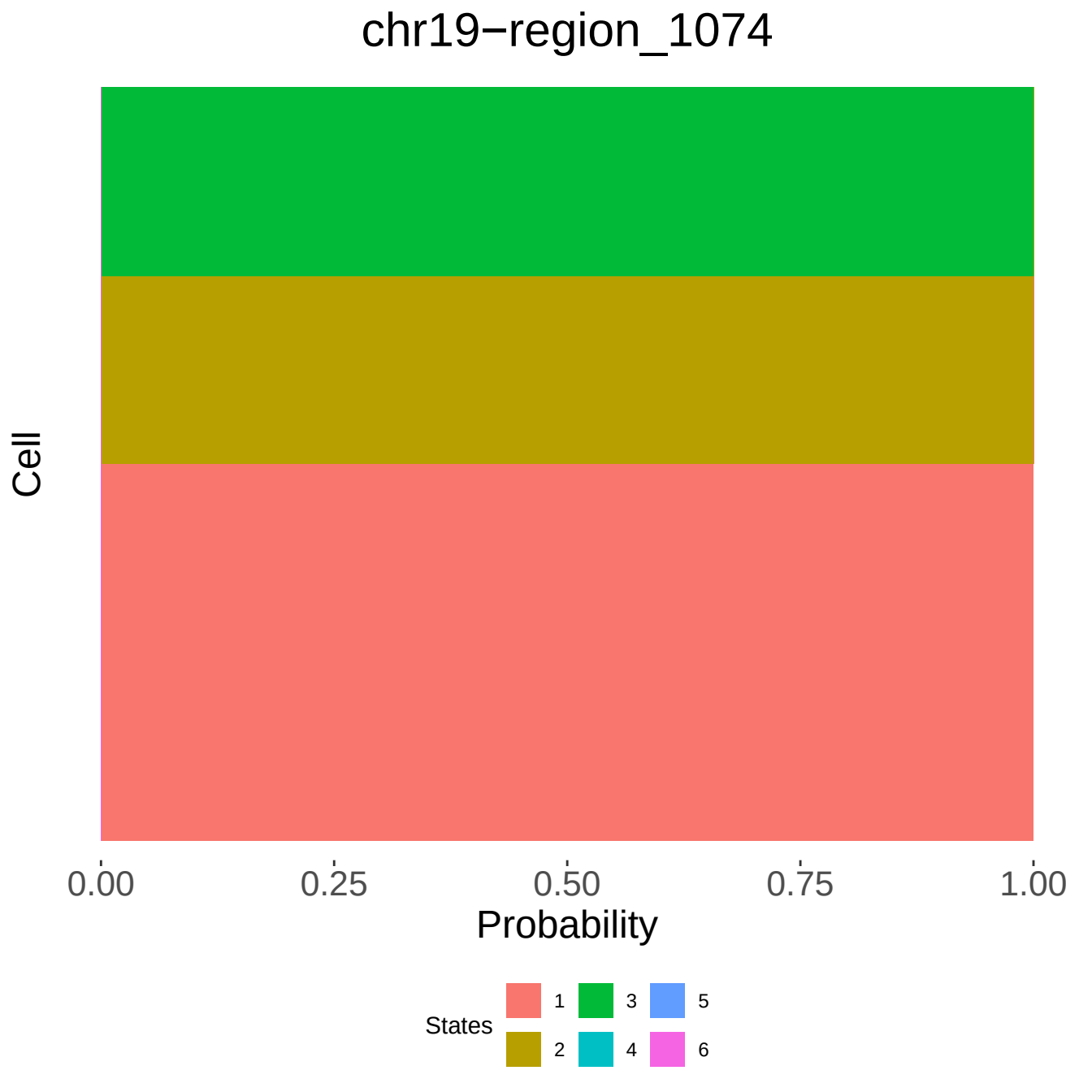
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Probability
States
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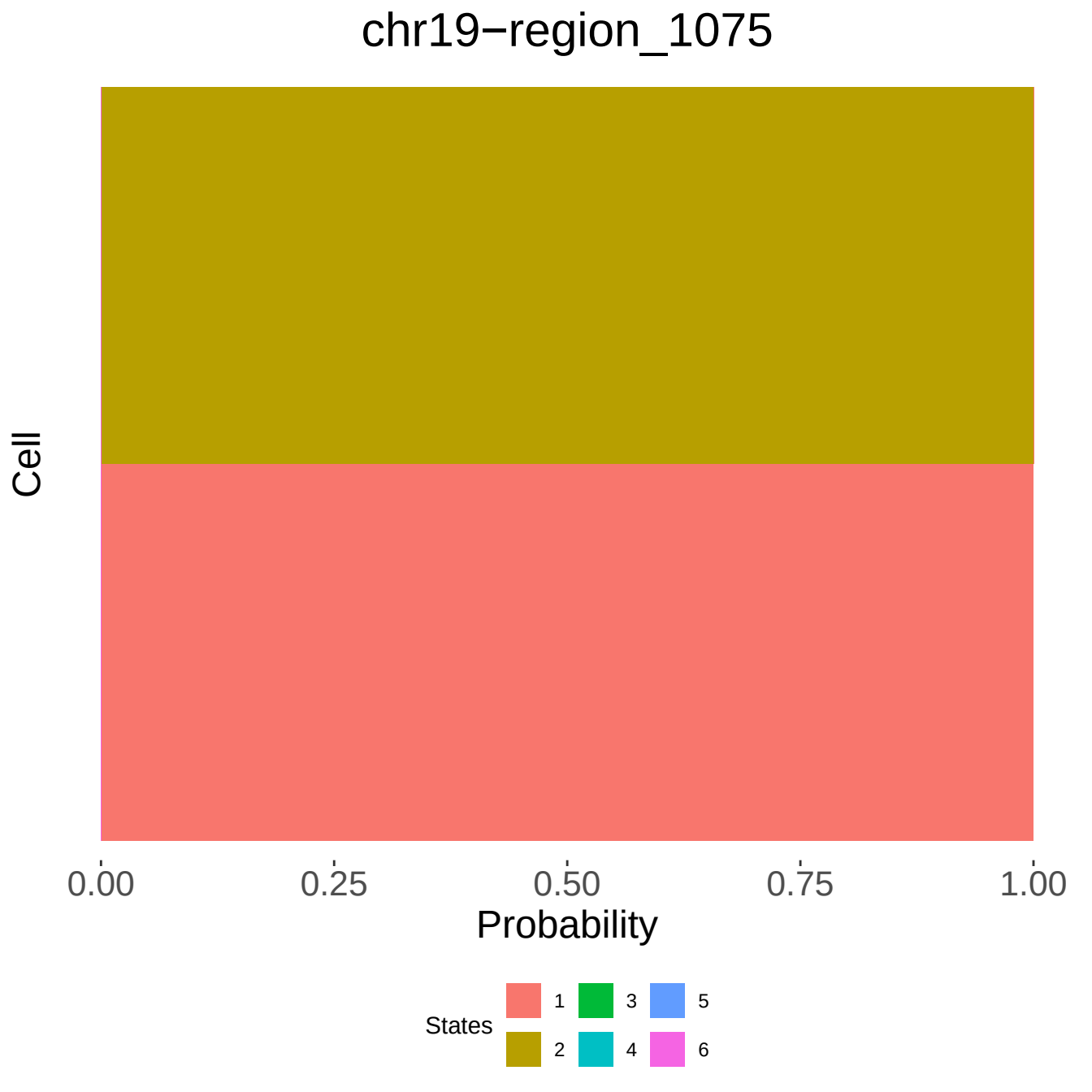
chr19−region_1075
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Probability
States
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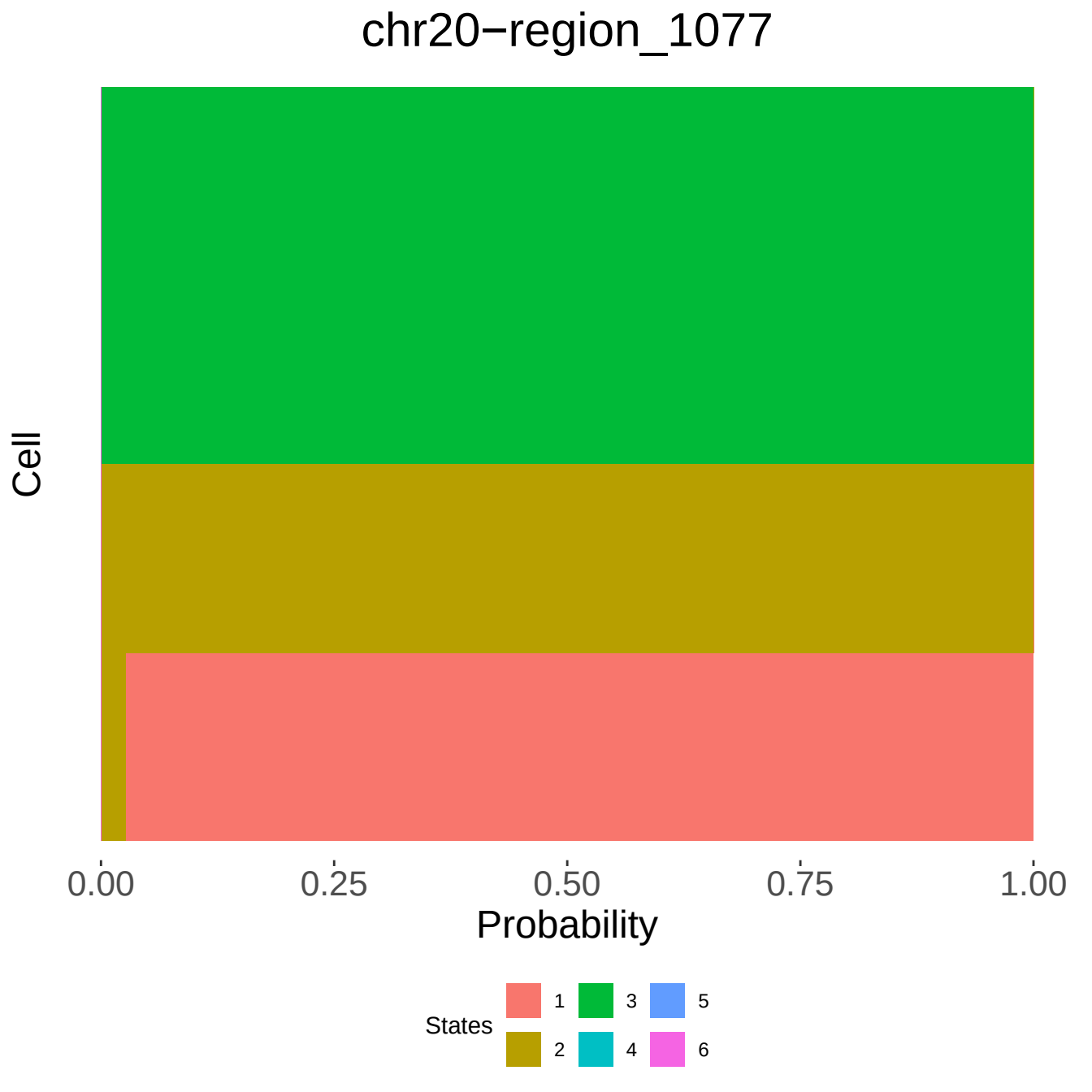
chr20−region_1077
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Probability
States
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4
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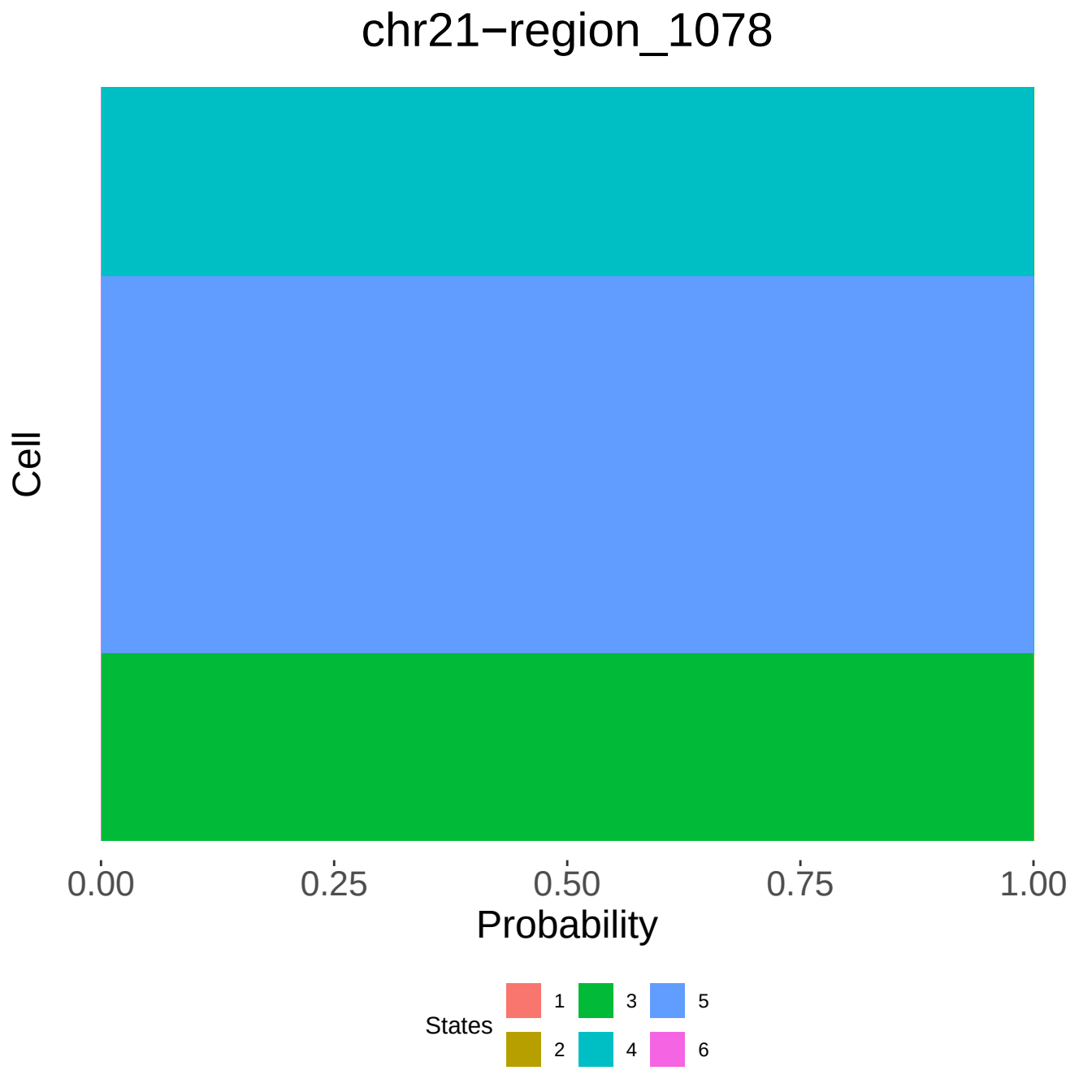
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Probability
States
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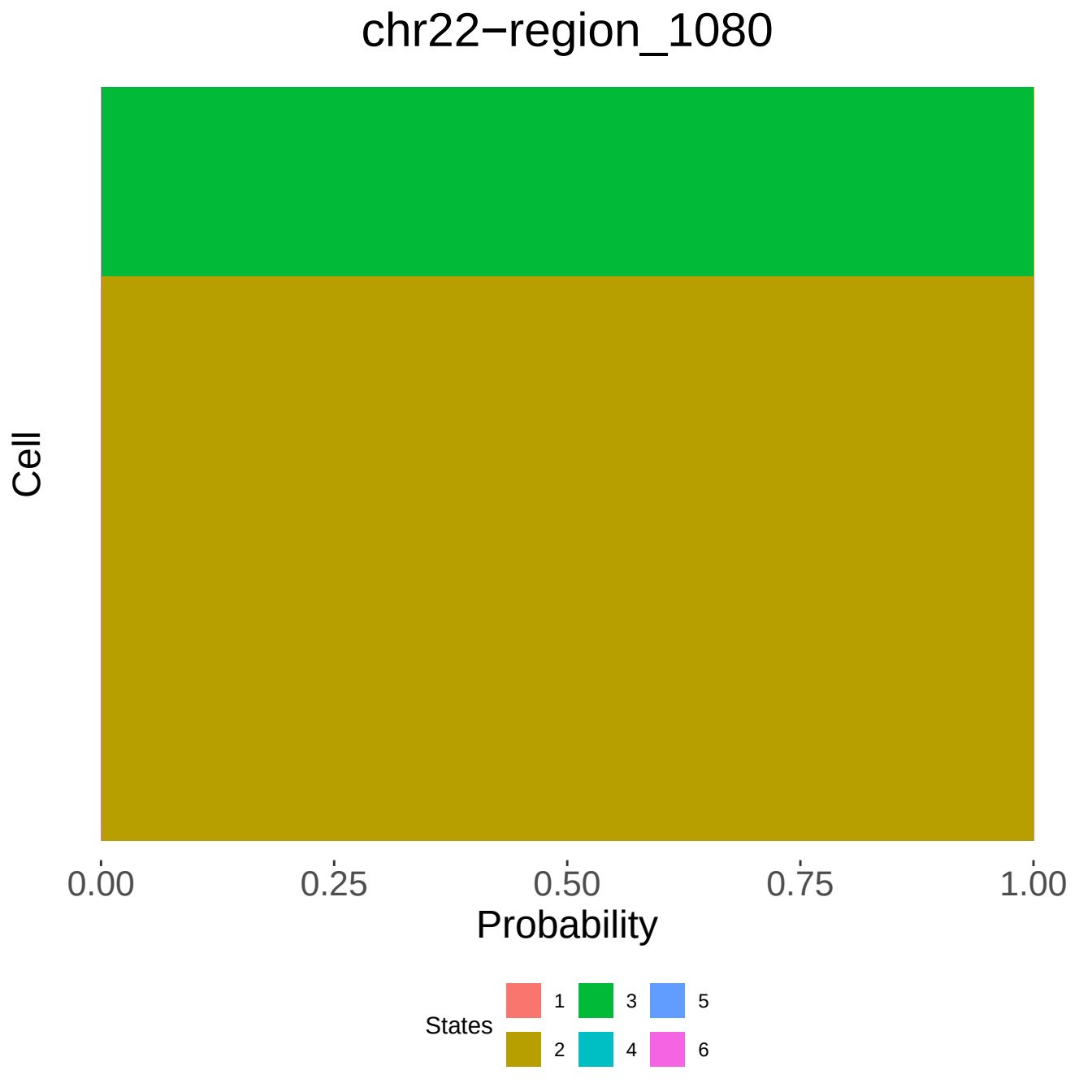
chr22−region_1080
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1.00
Probability
States
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3
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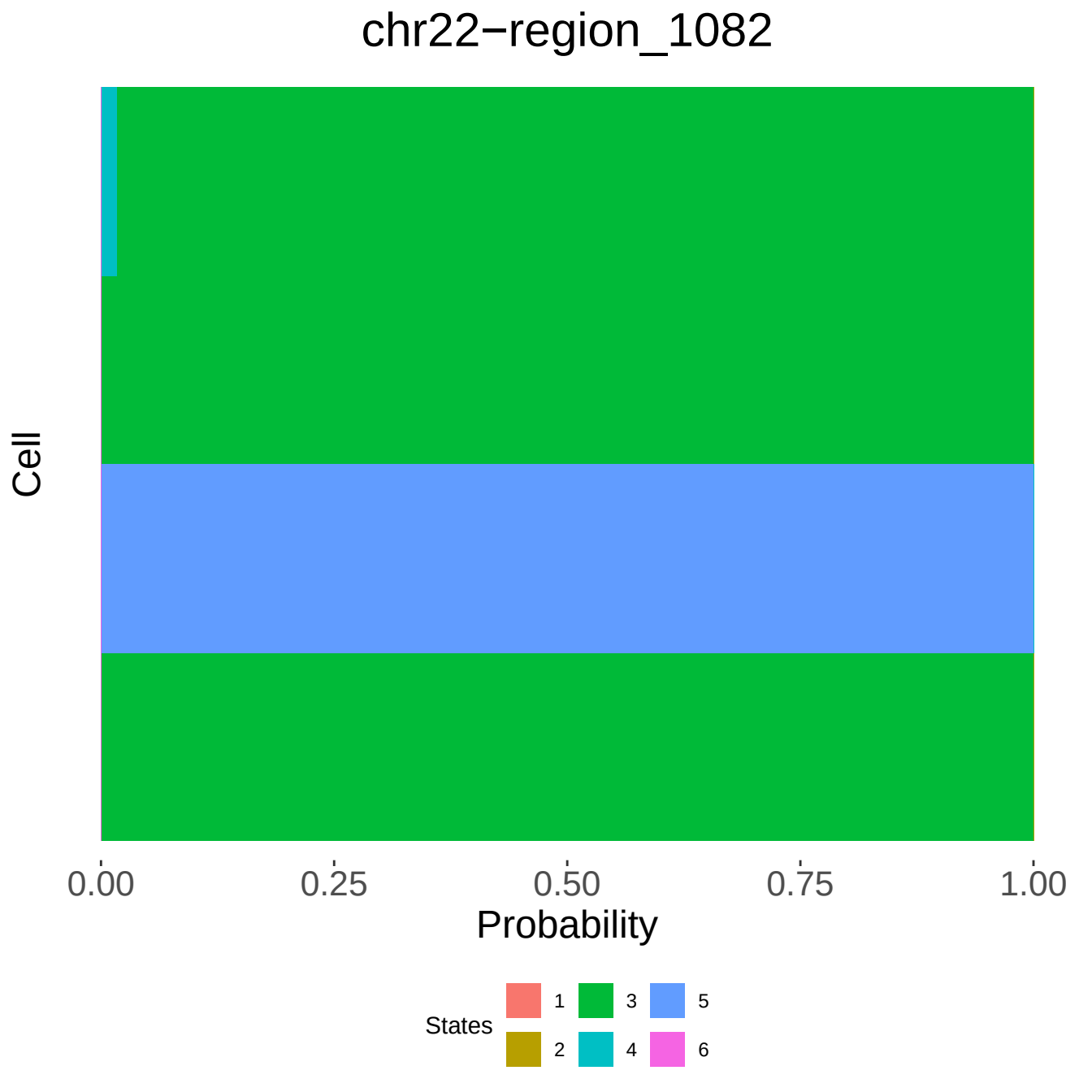
chr22−region_1082
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Probability
States
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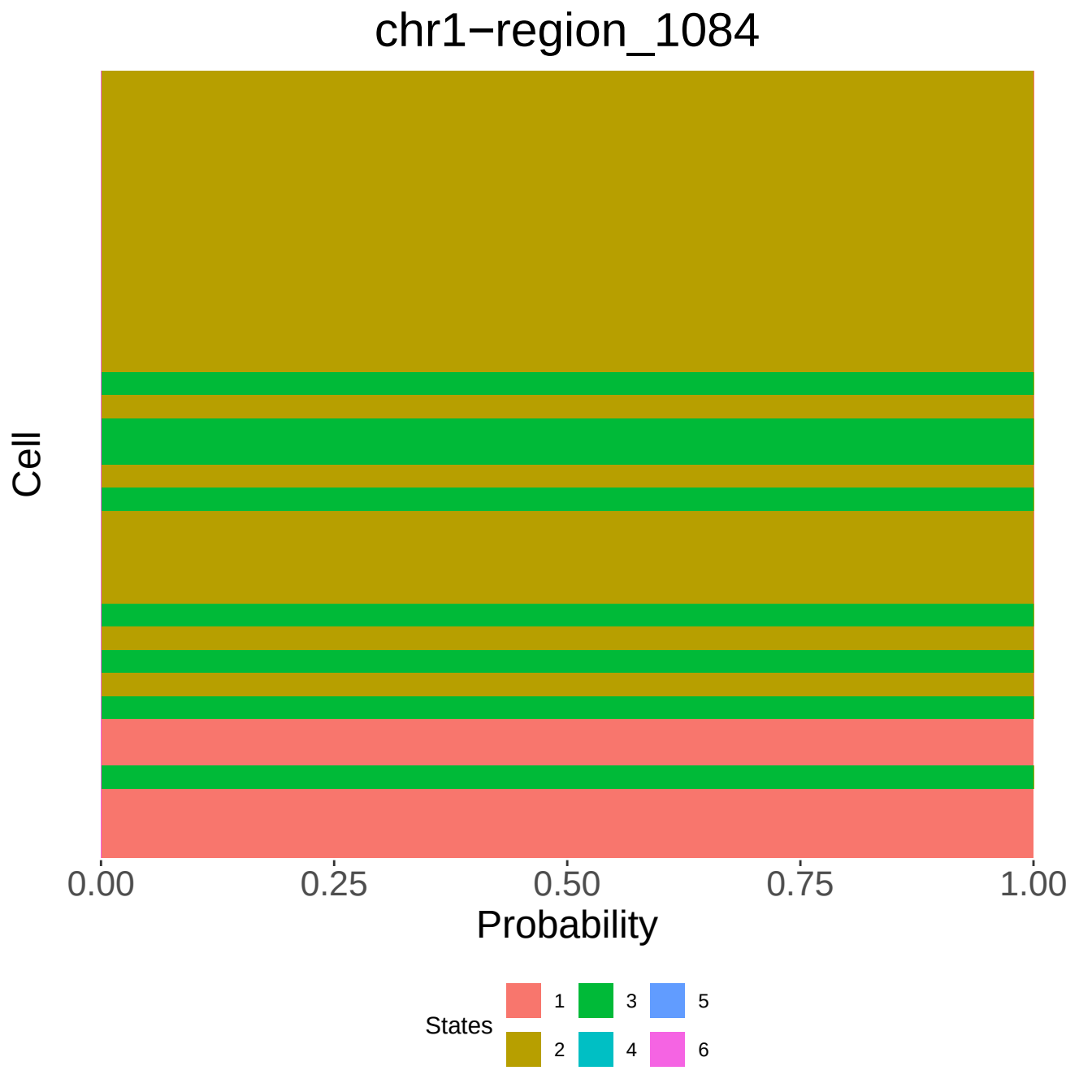
chr1−region_1084
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Probability
States
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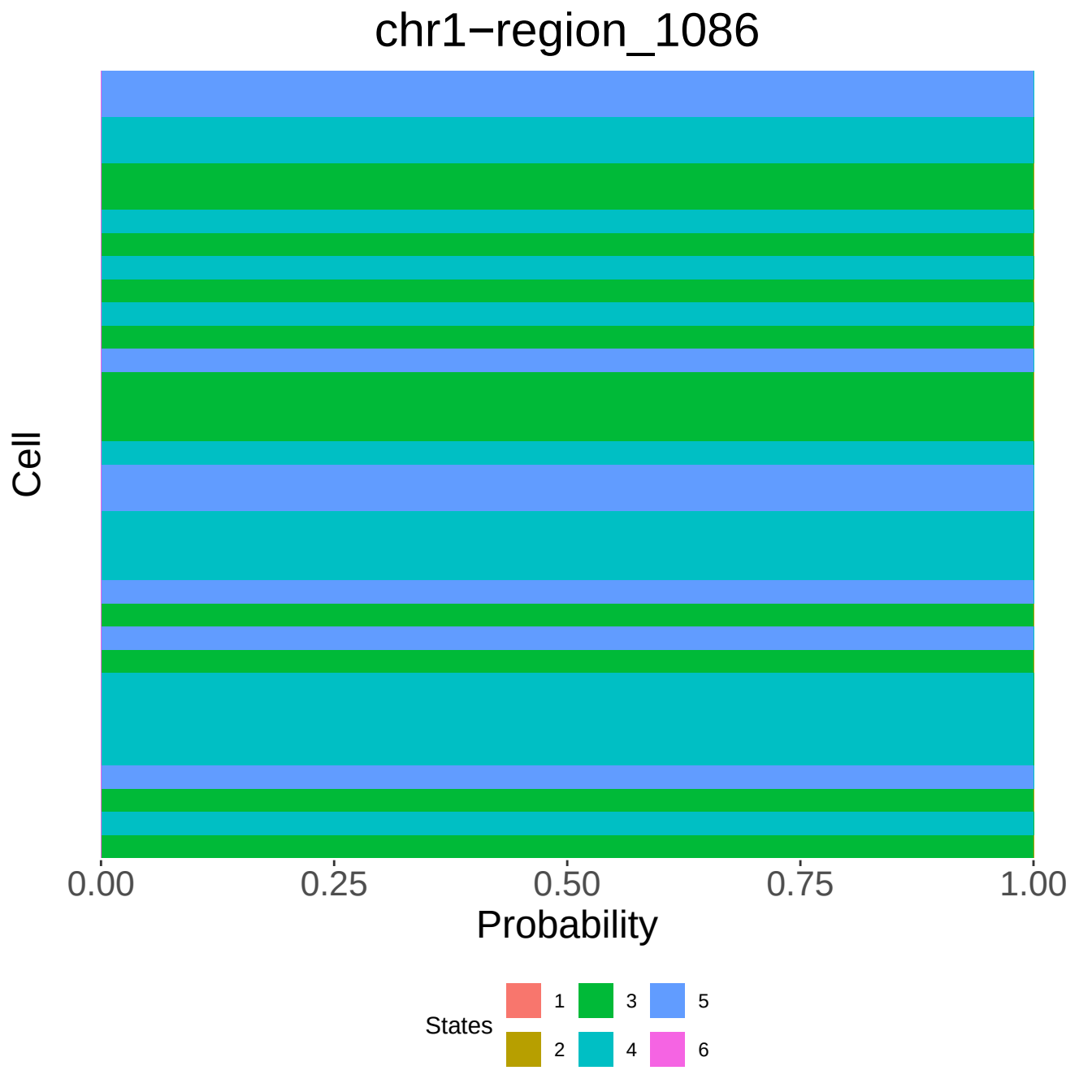
chr1−region_1086
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Probability
States
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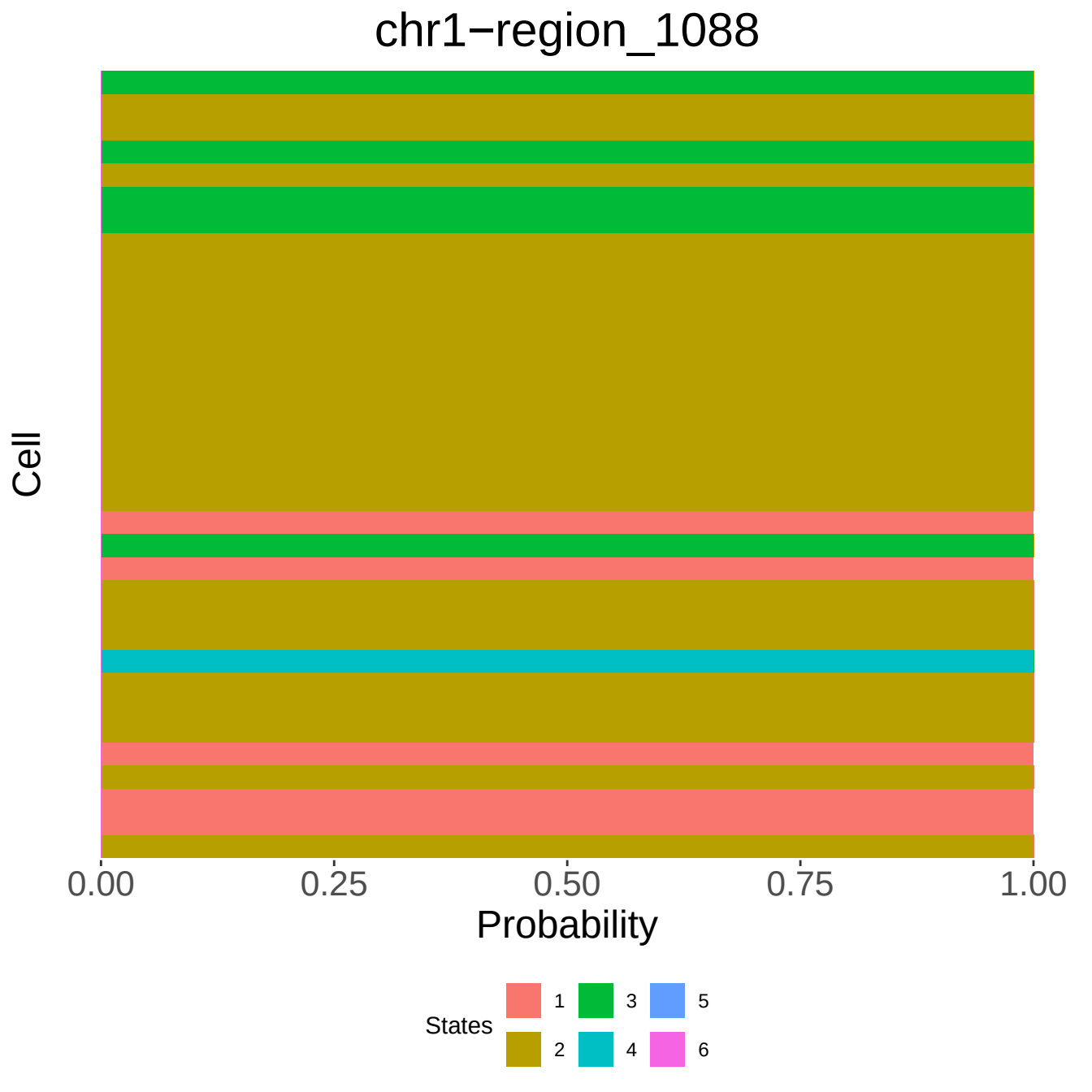
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Probability
States
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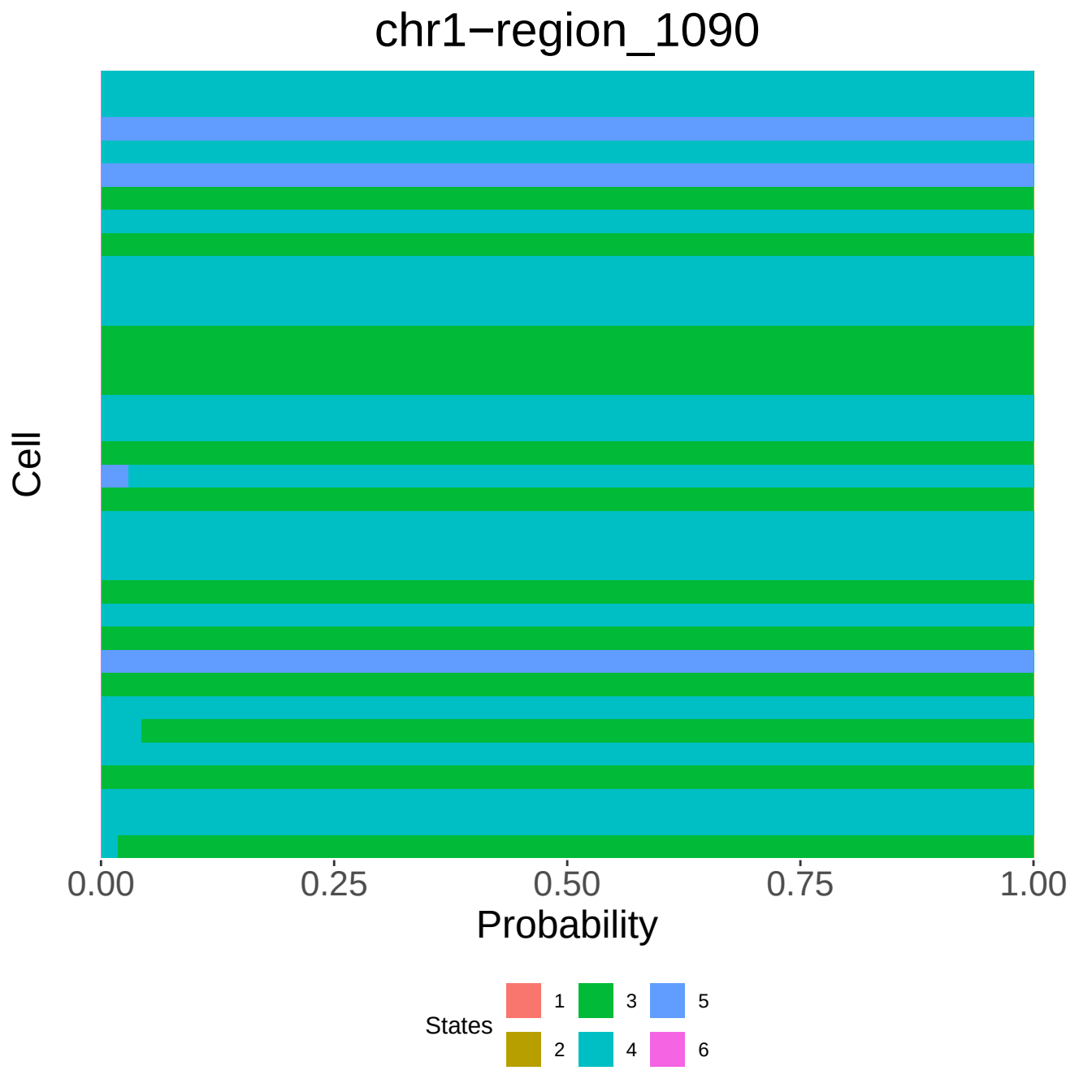
chr1−region_1090
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Probability
States
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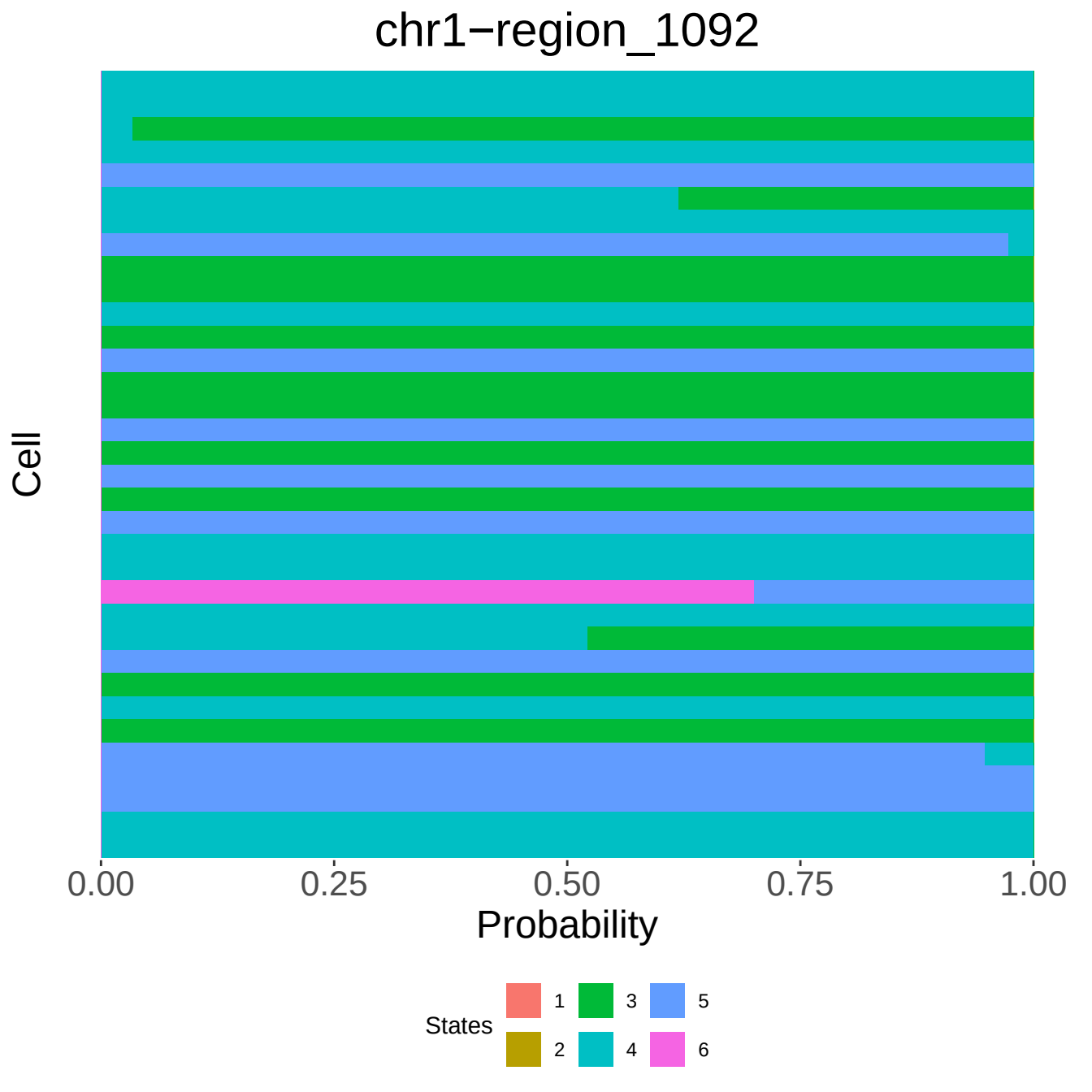
chr1−region_1092
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Probability
States
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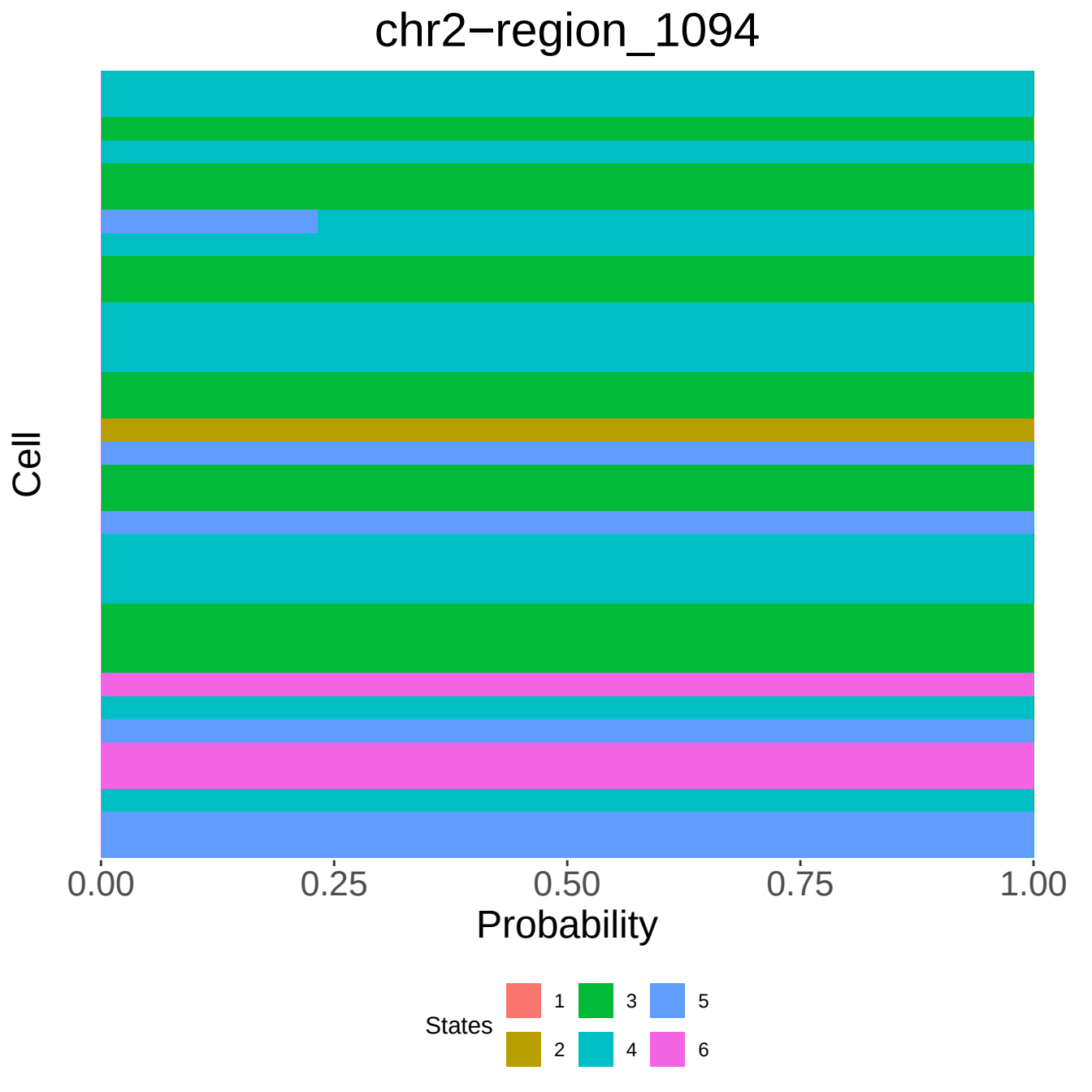
chr2−region_1094
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Probability
States
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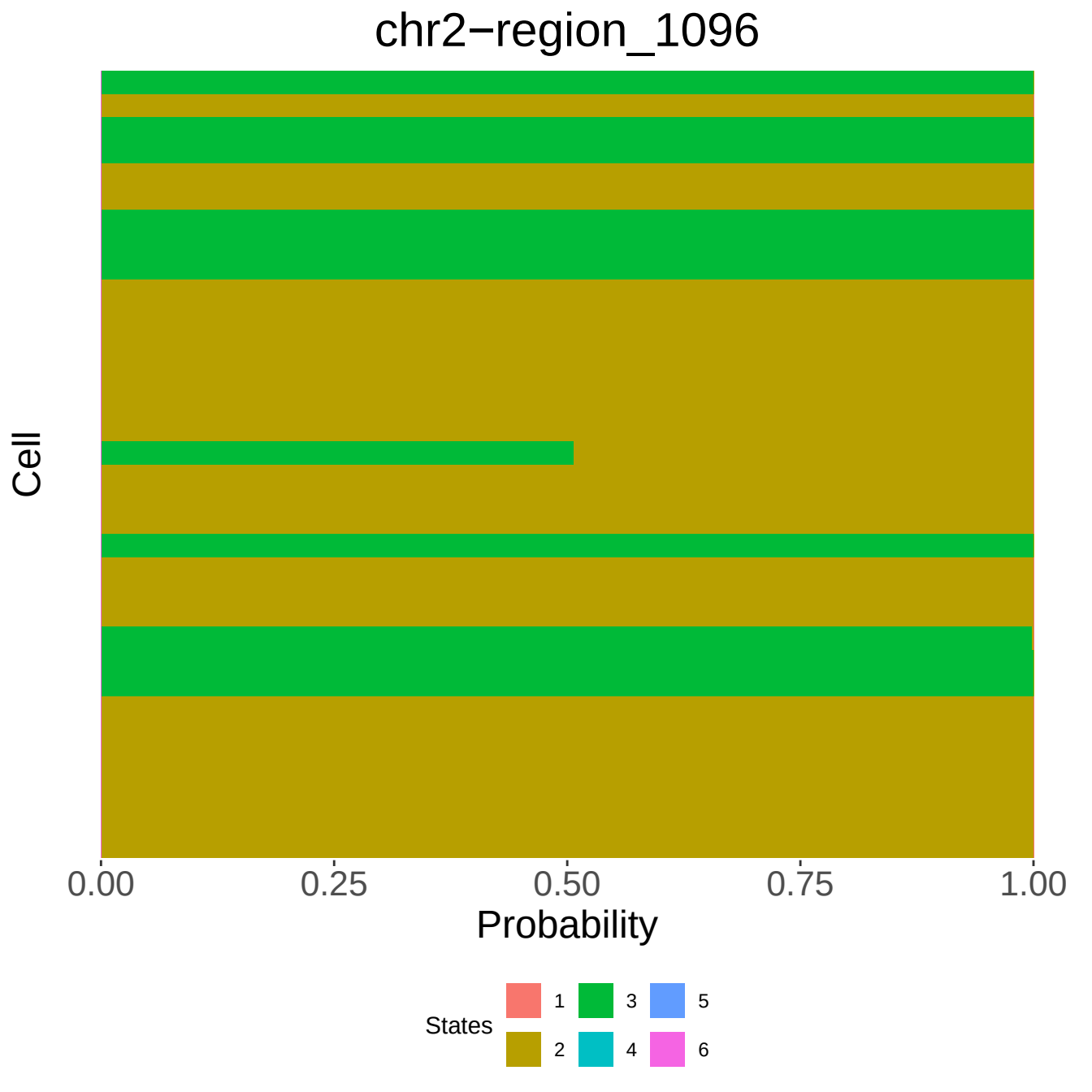
chr2−region_1096
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Probability
States
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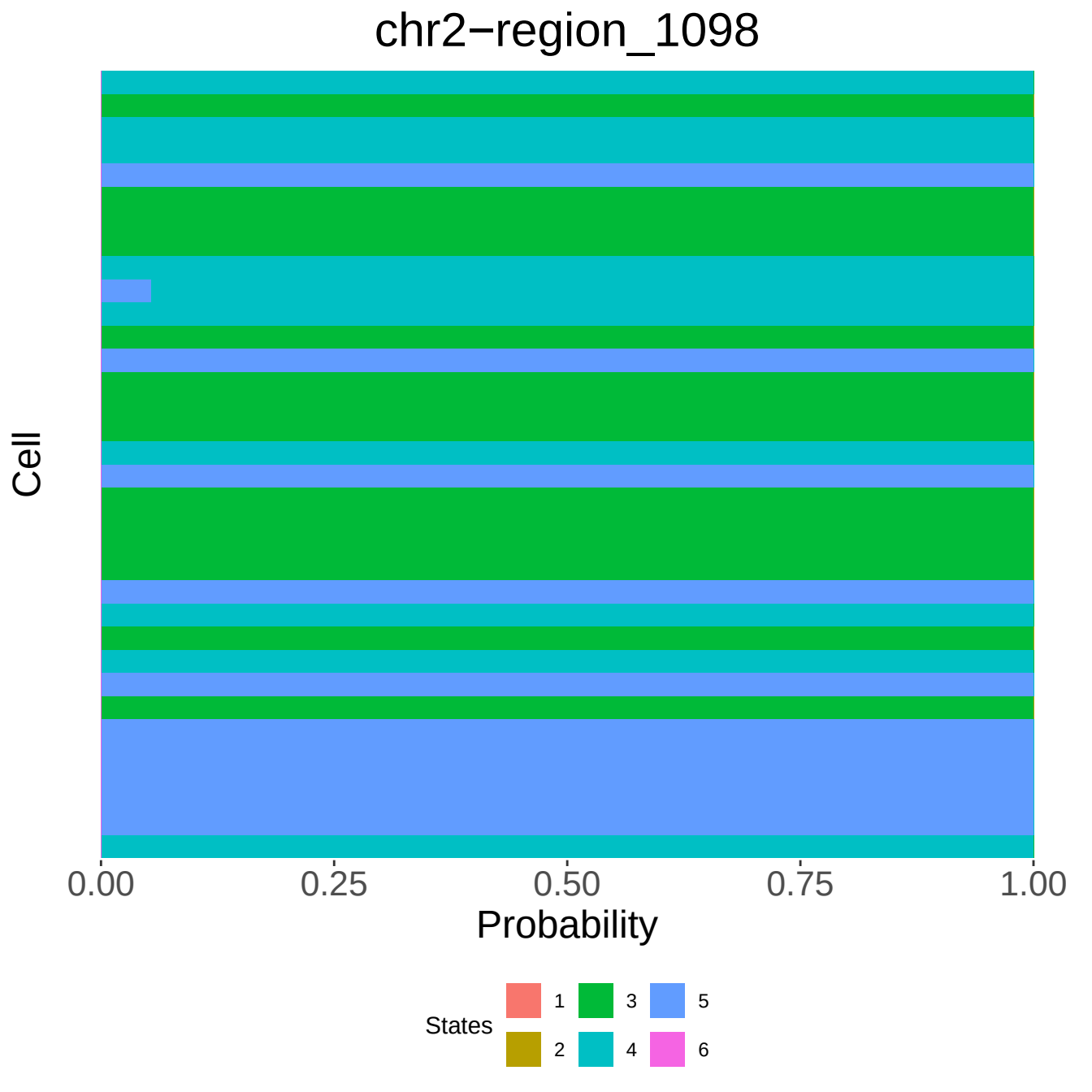
chr2−region_1098
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Probability
States
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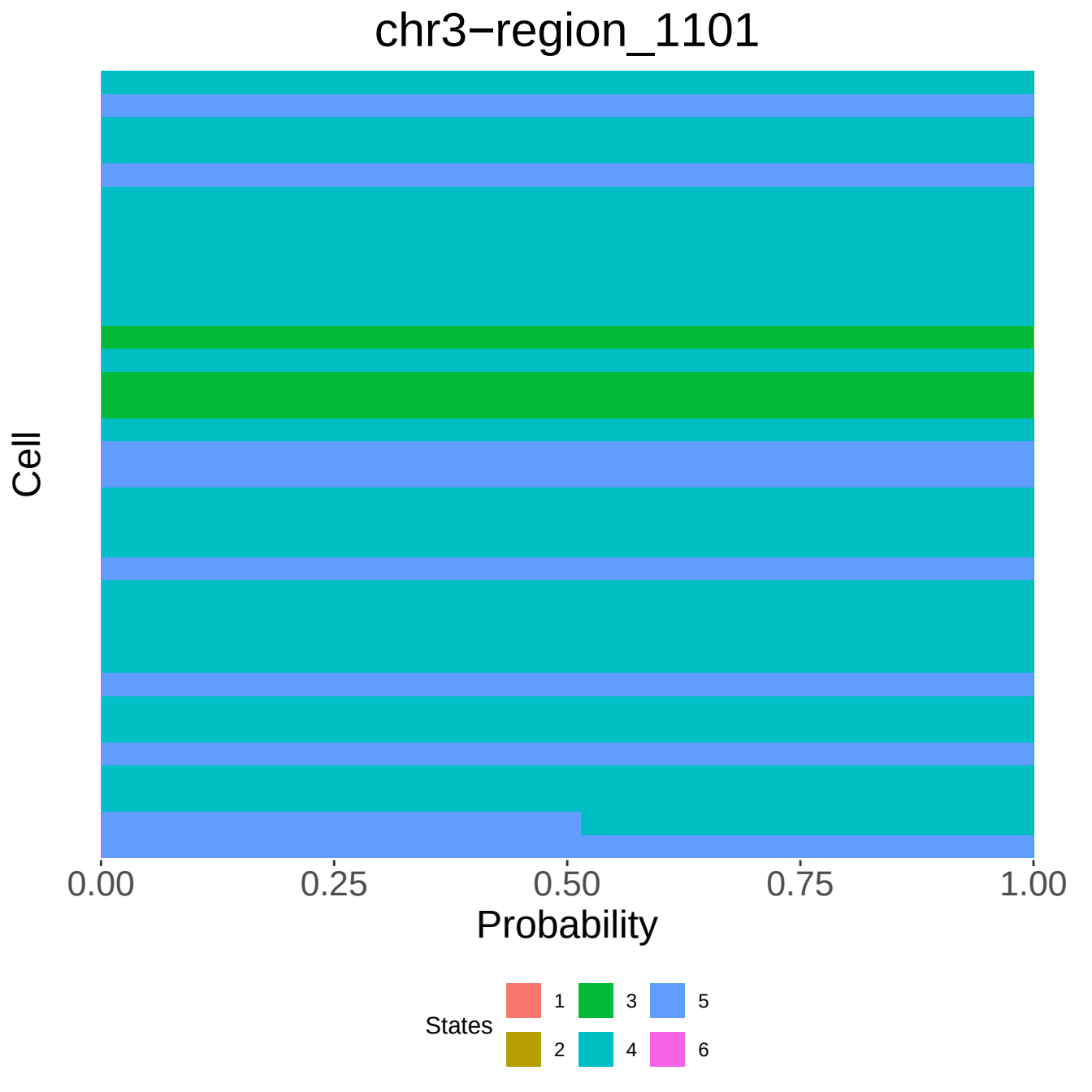
chr3−region_1101
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Probability
States
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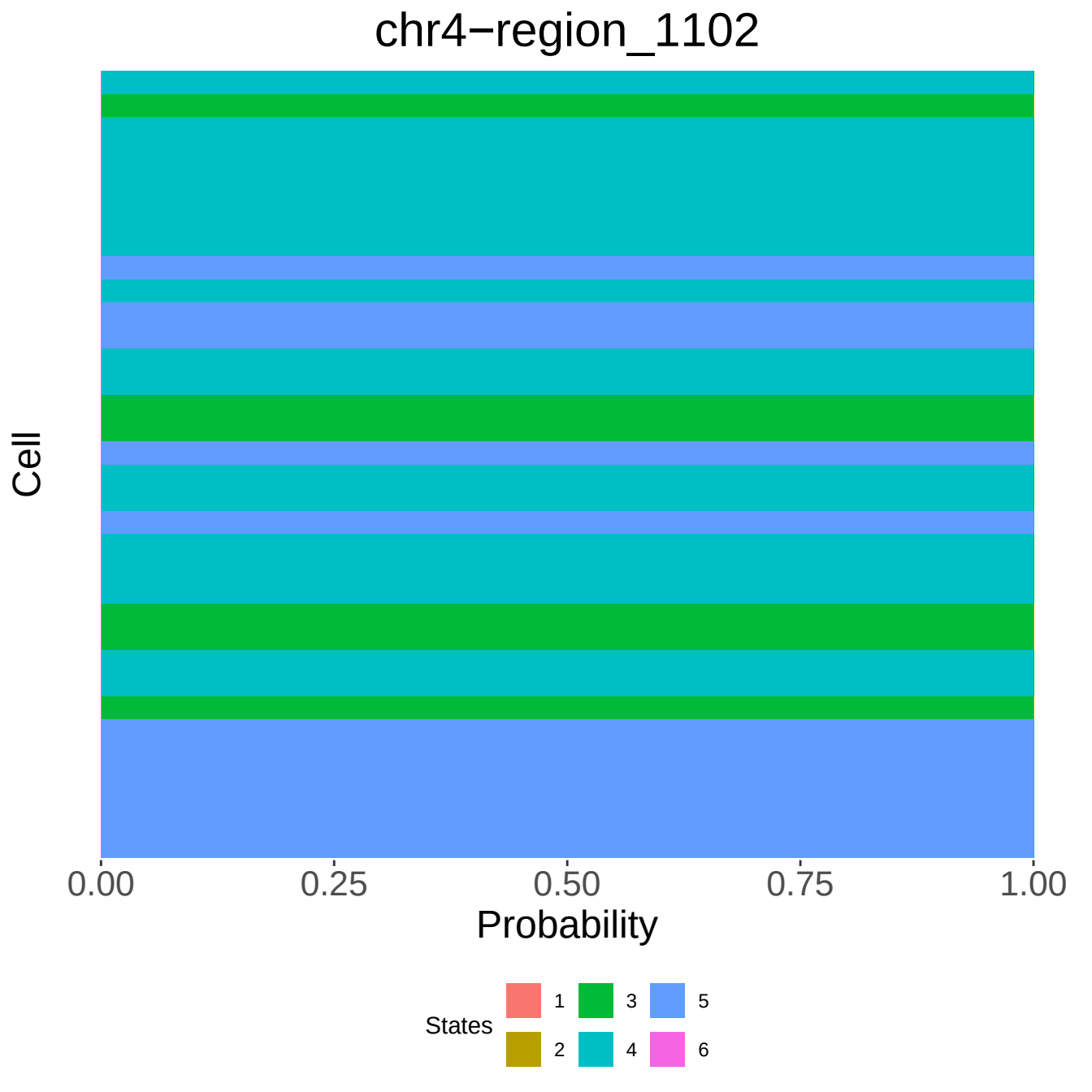
chr4−region_1102
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Probability
States
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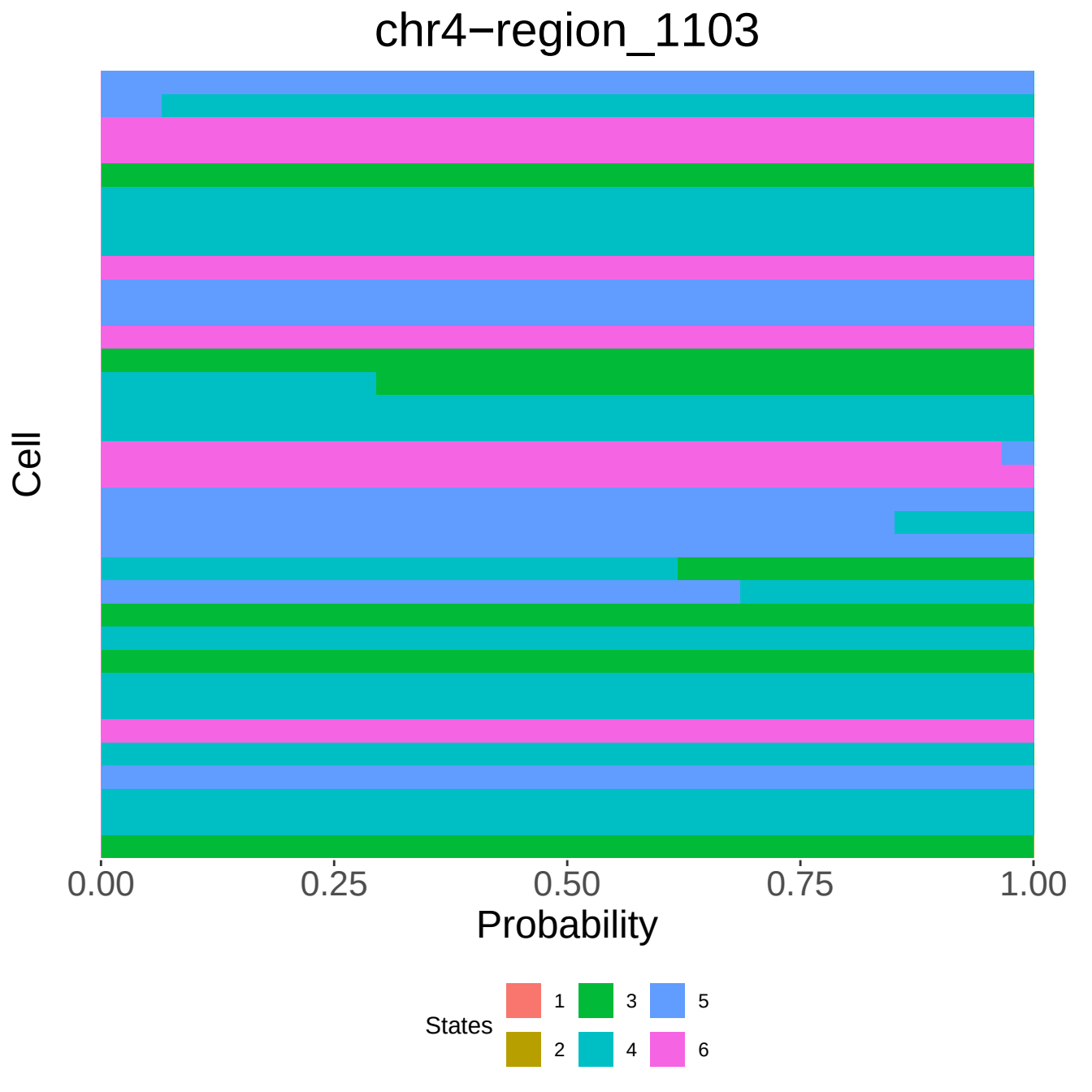
chr4−region_1103
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Probability
States
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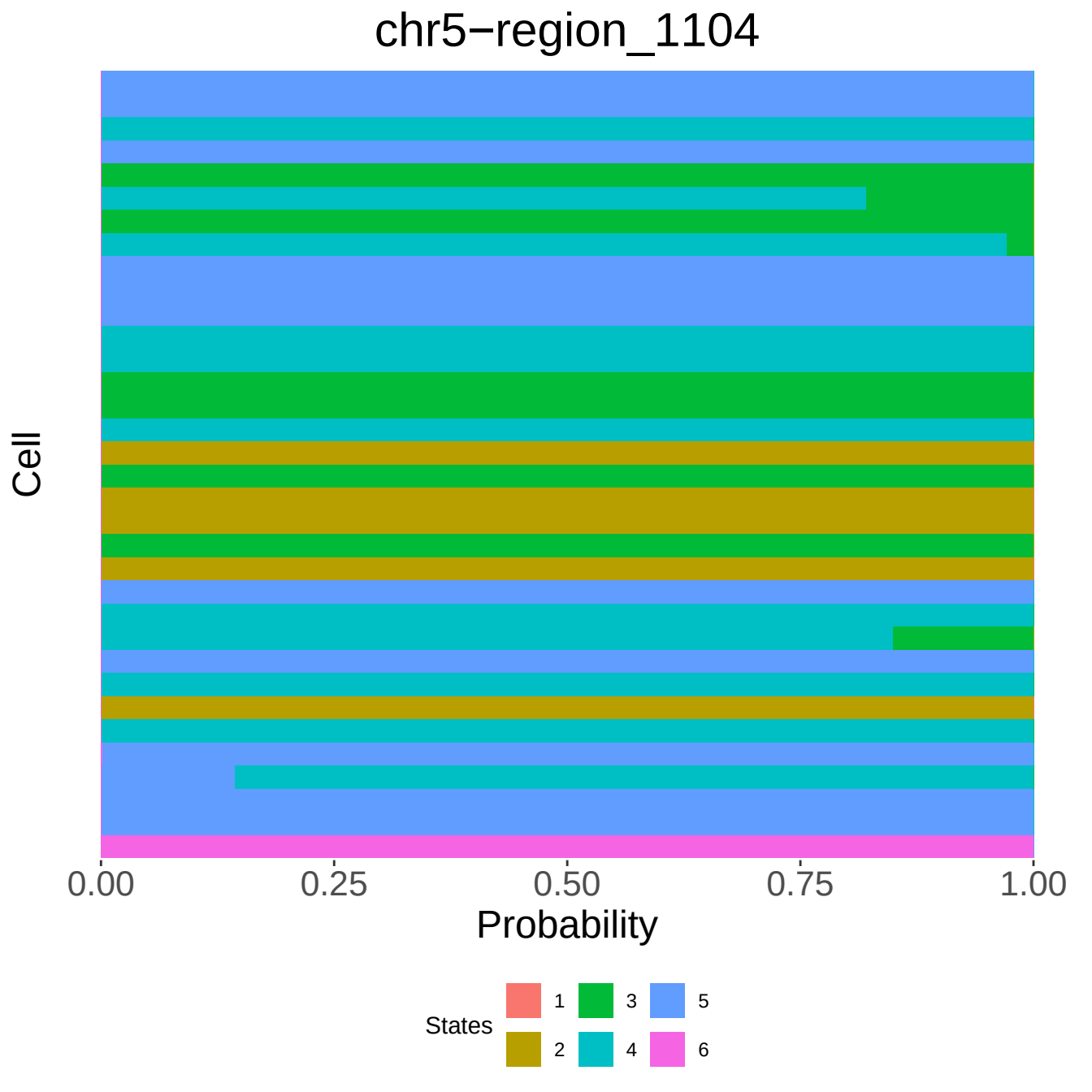
chr5−region_1104
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Probability
States
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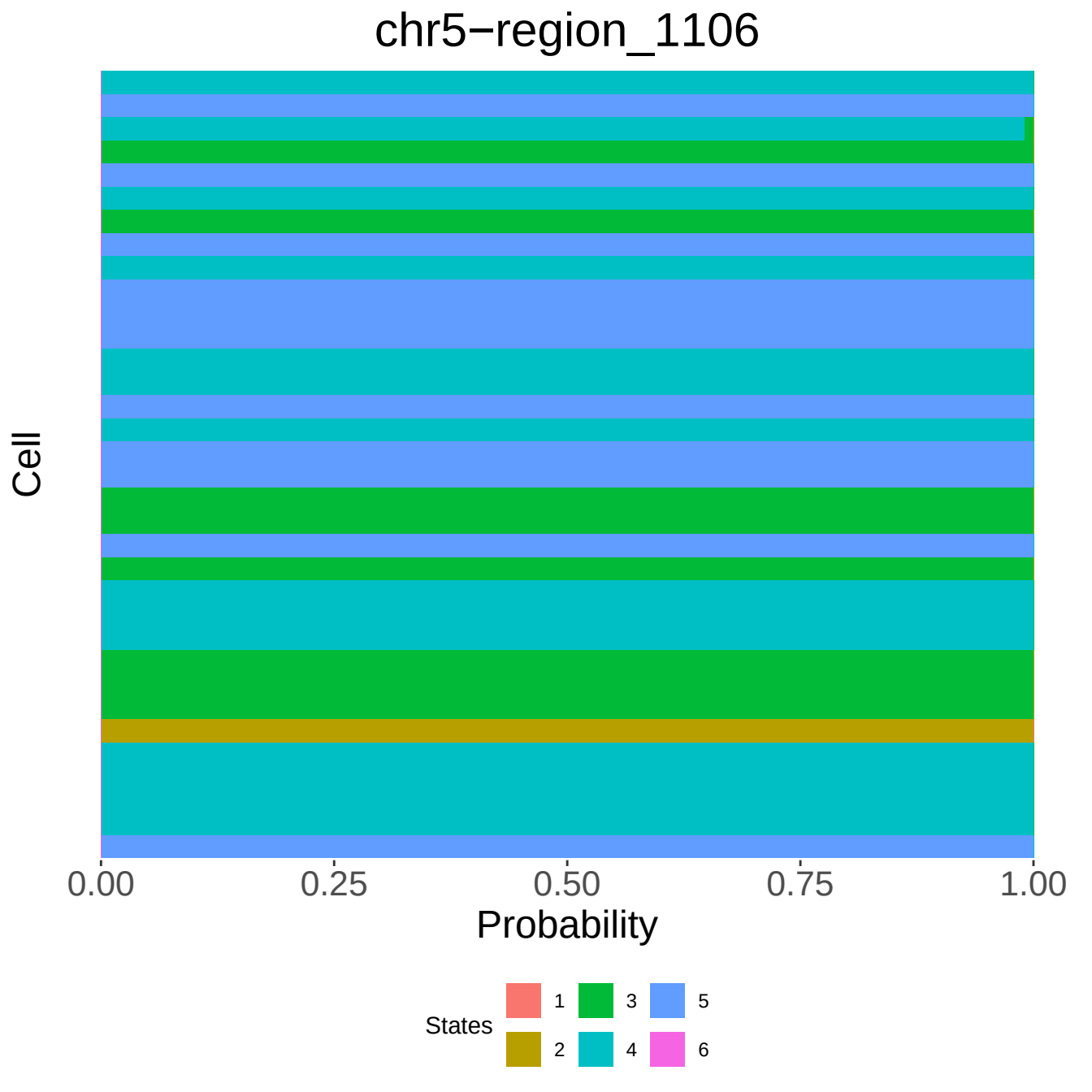
chr5−region_1106
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Probability
States
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3
4
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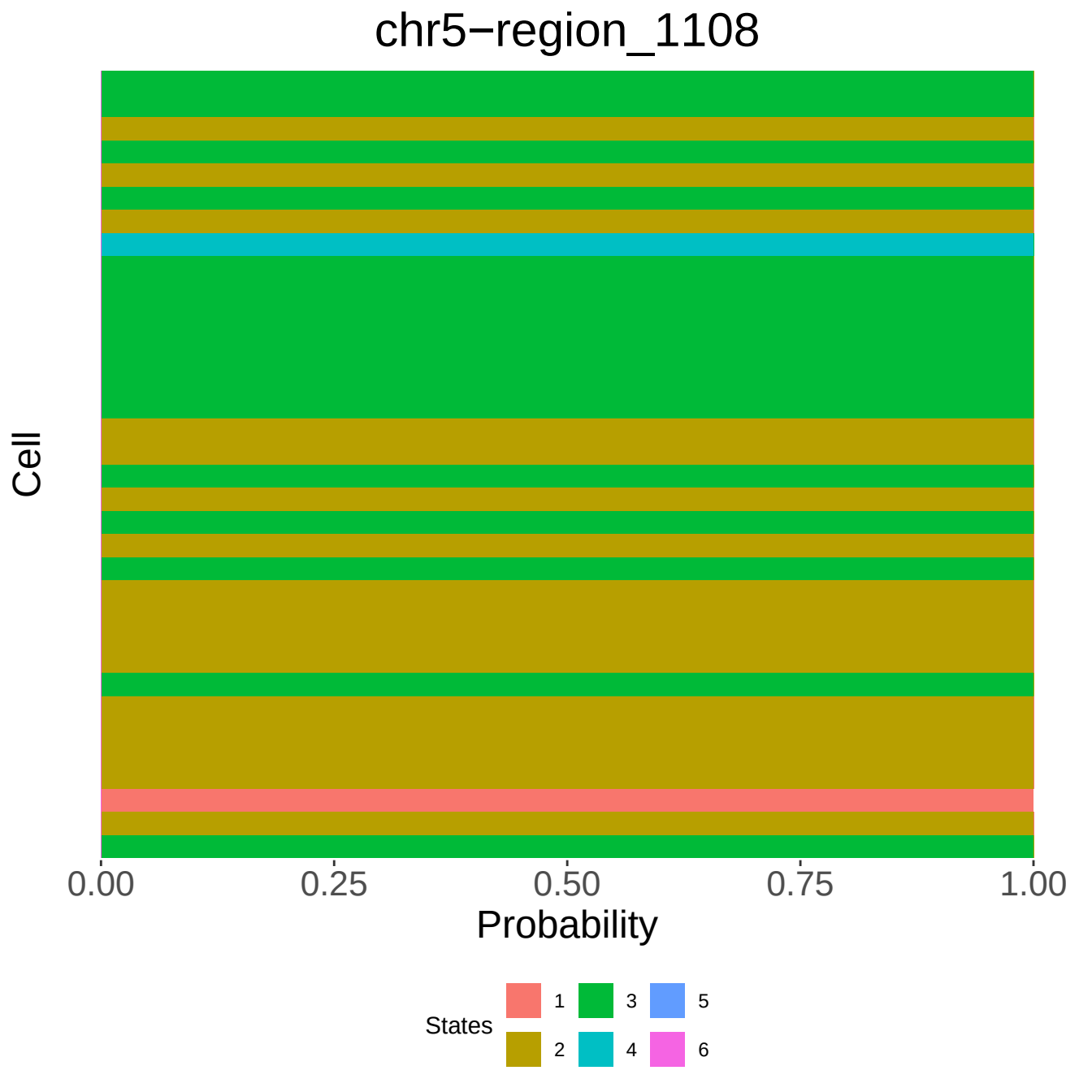
chr5−region_1108
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Probability
States
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3
4
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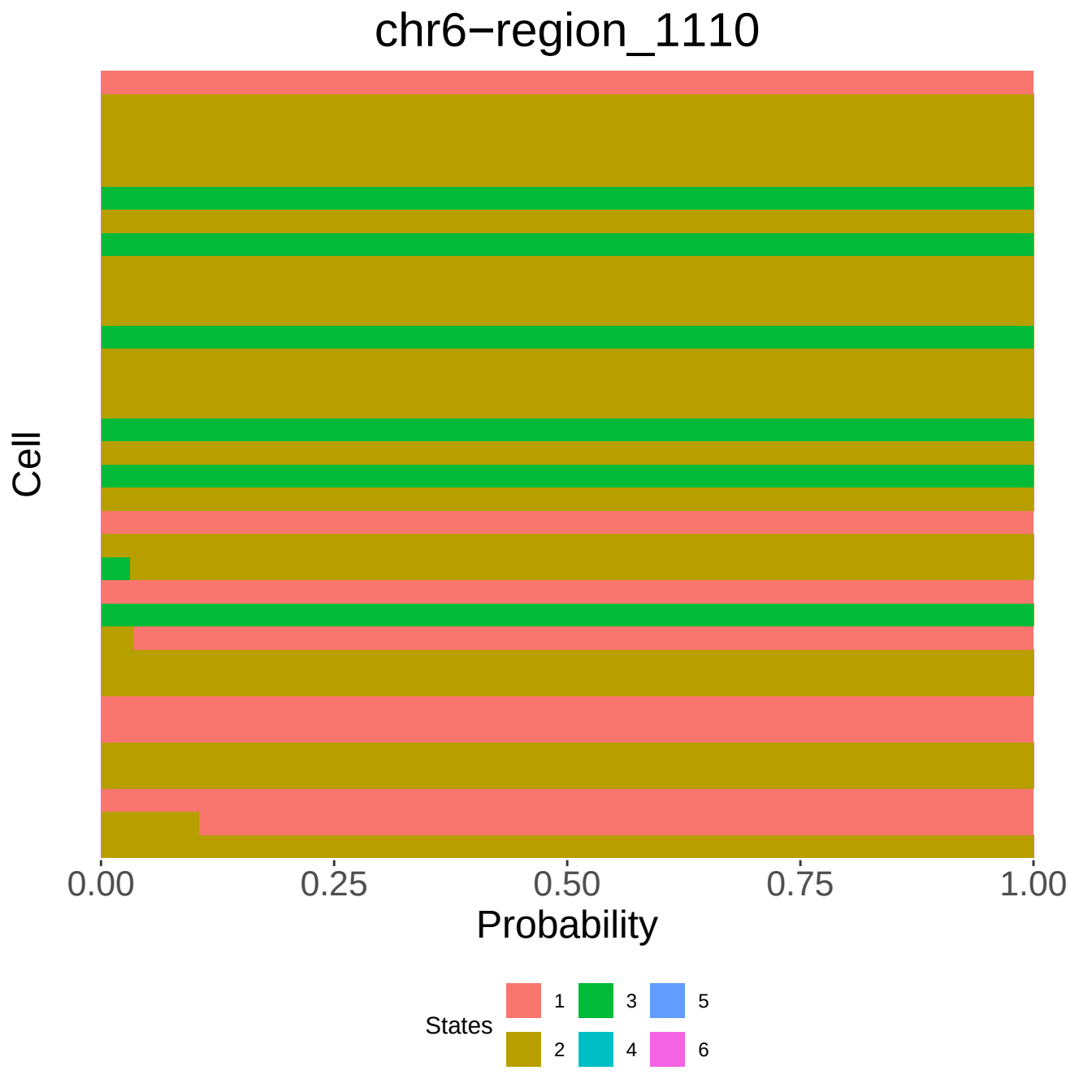
chr6−region_1110
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Probability
States
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4
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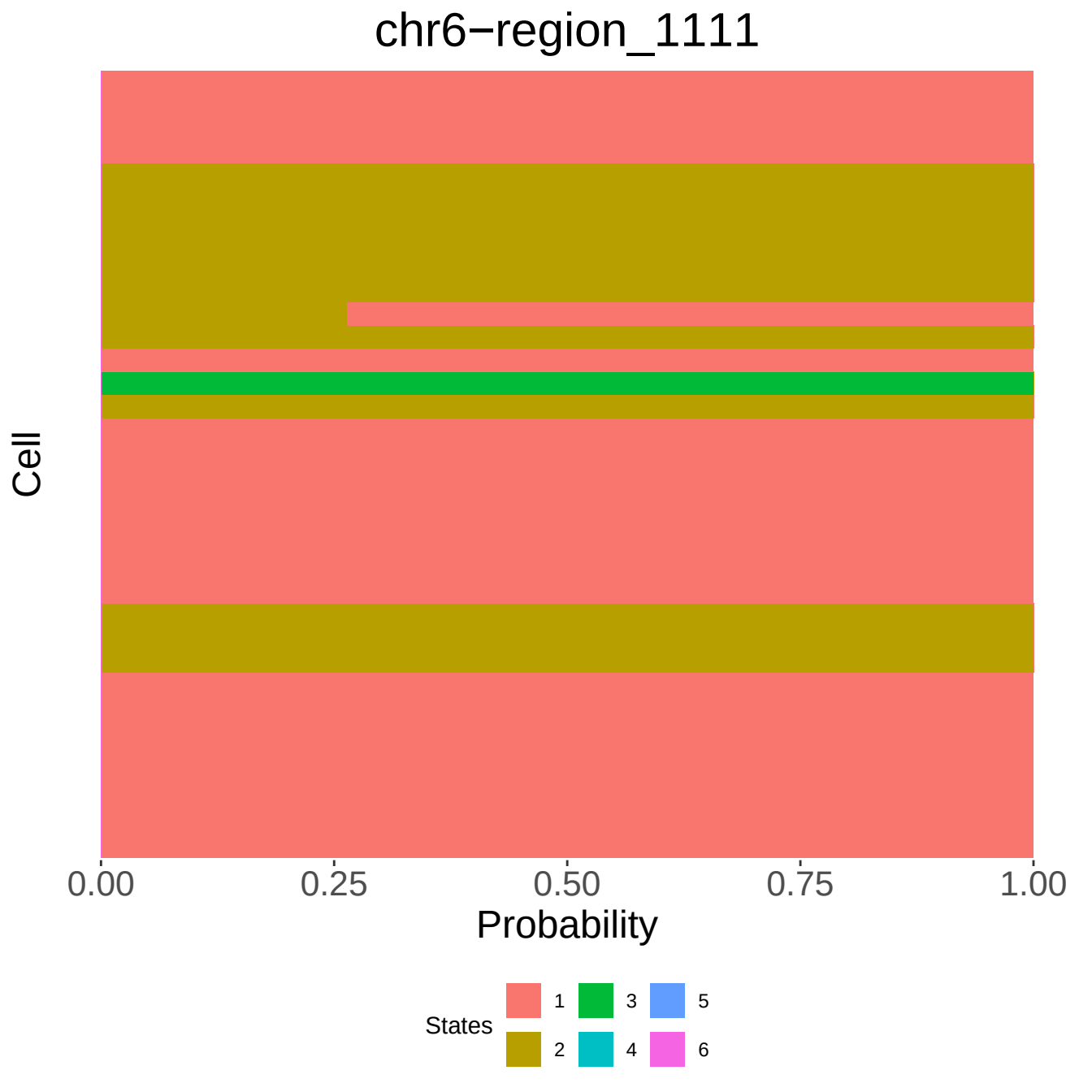
chr6−region_1111
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Probability
States
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4
5
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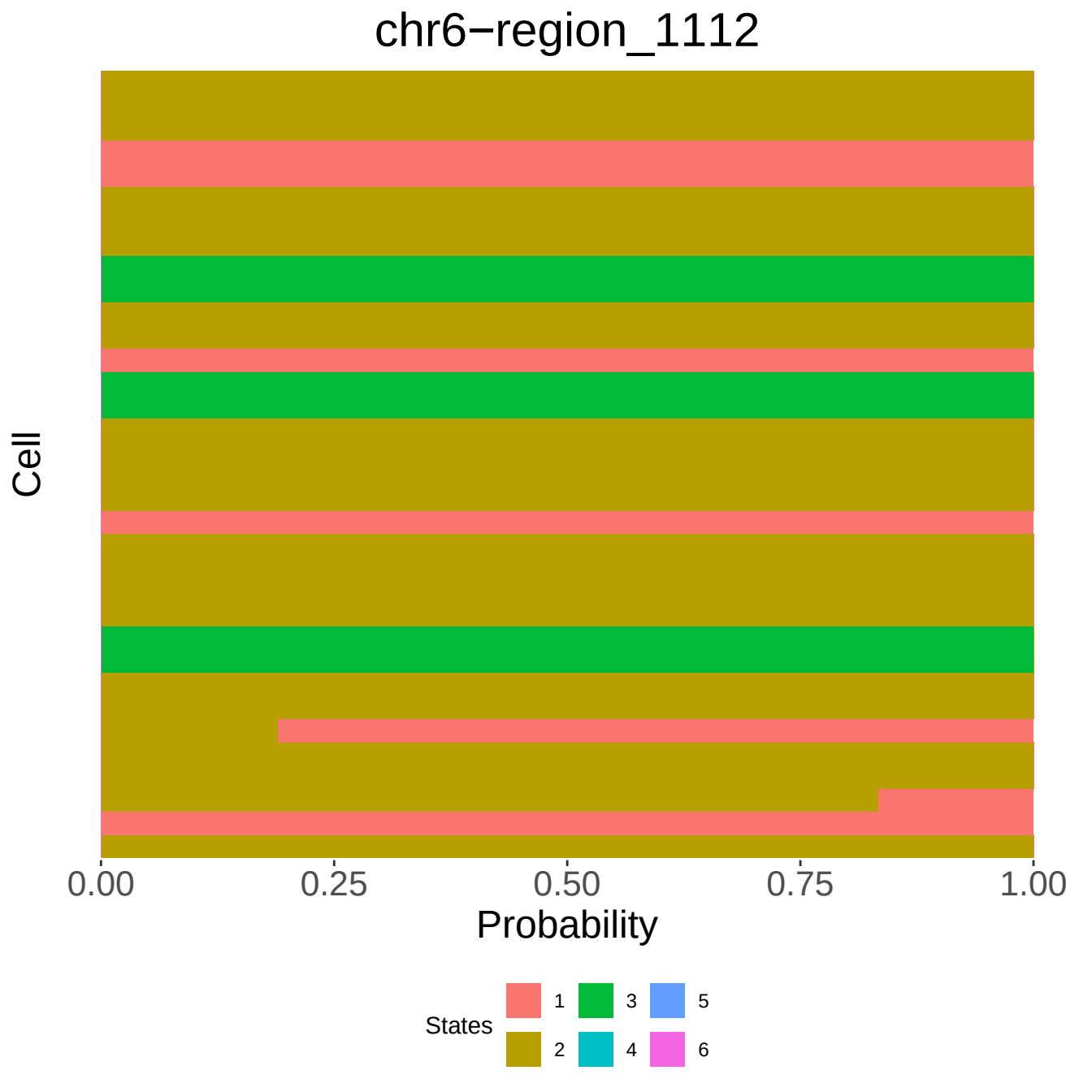
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Probability
States
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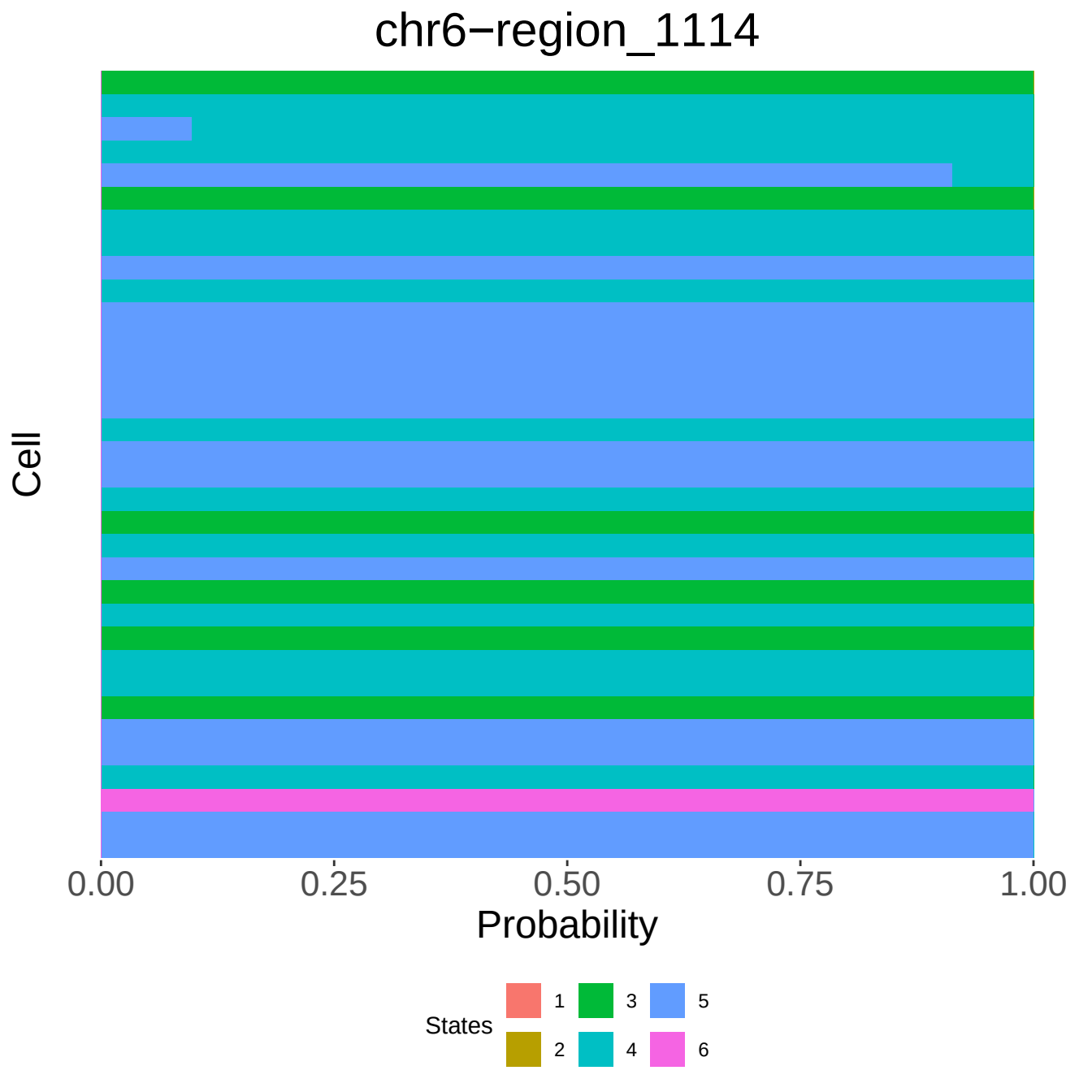
chr6−region_1114
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Probability
States
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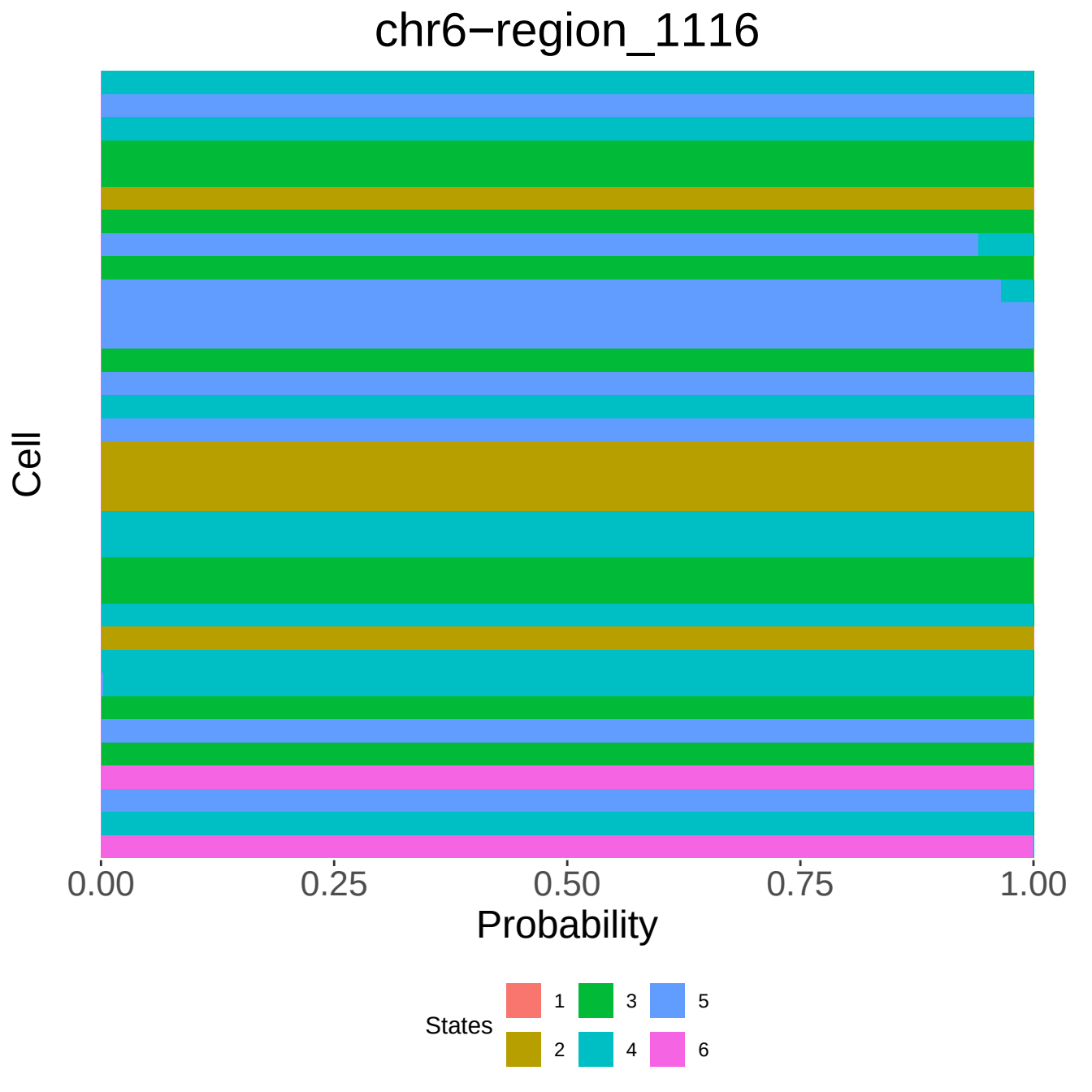
chr6−region_1116
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Probability
States
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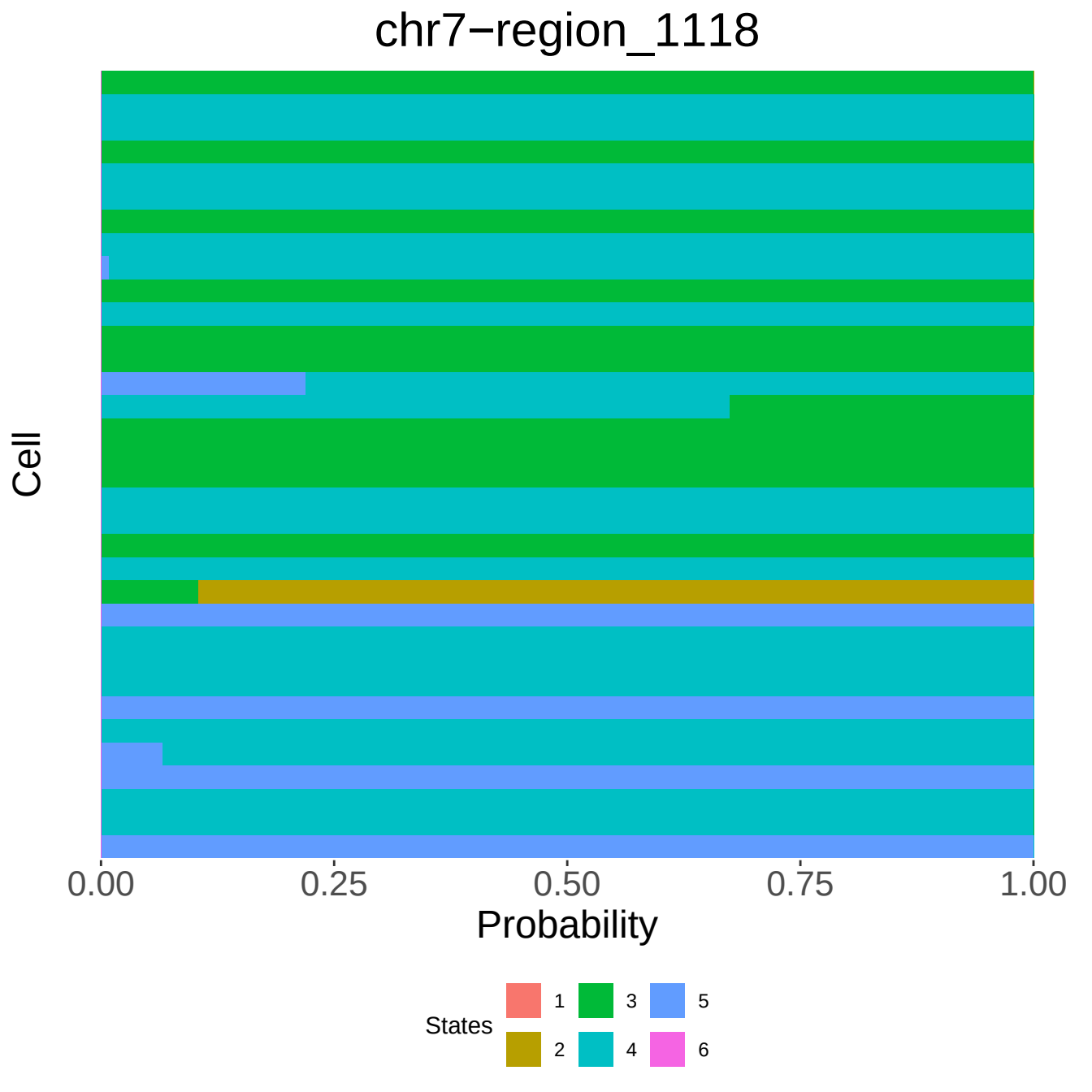
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Probability
States
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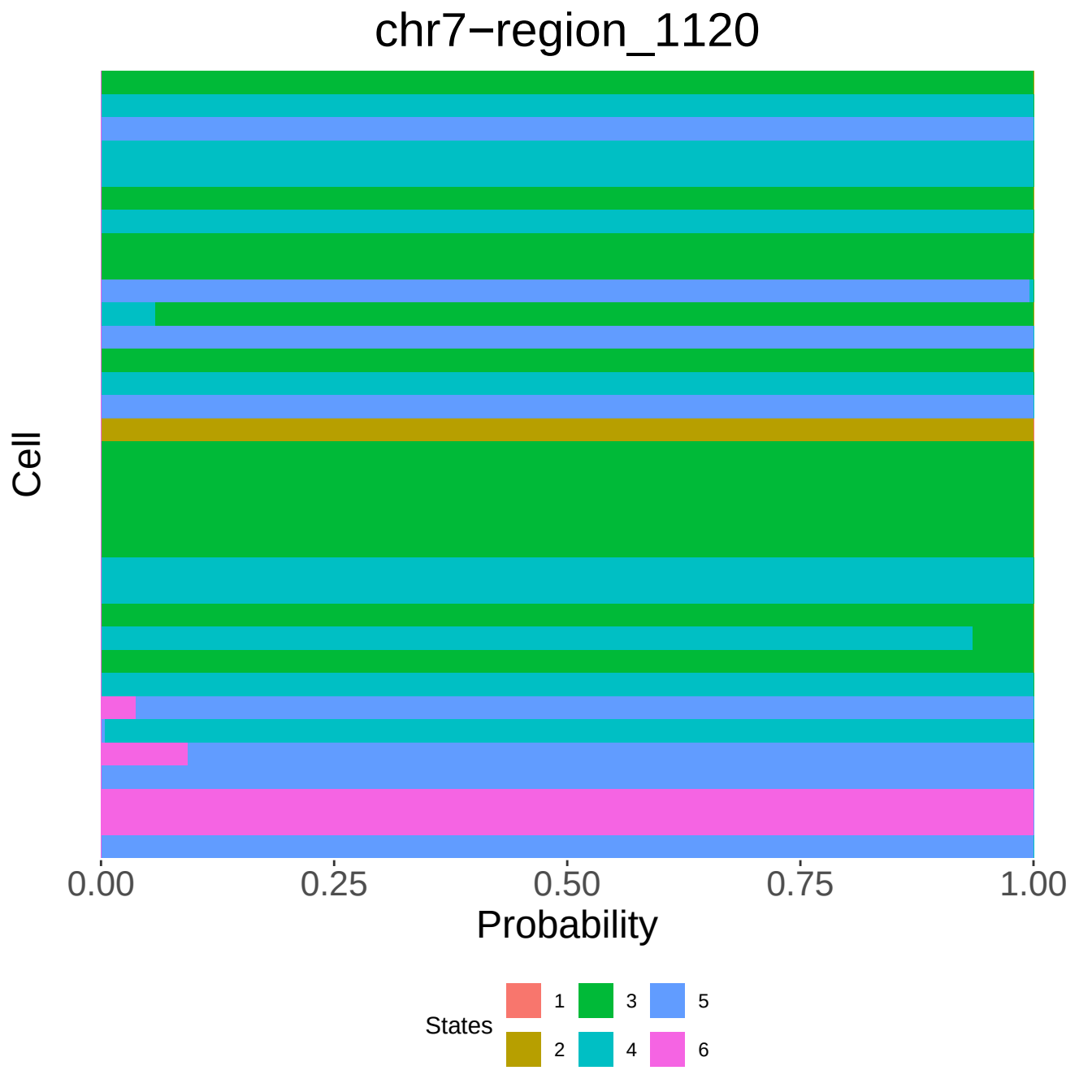
chr7−region_1120
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Probability
States
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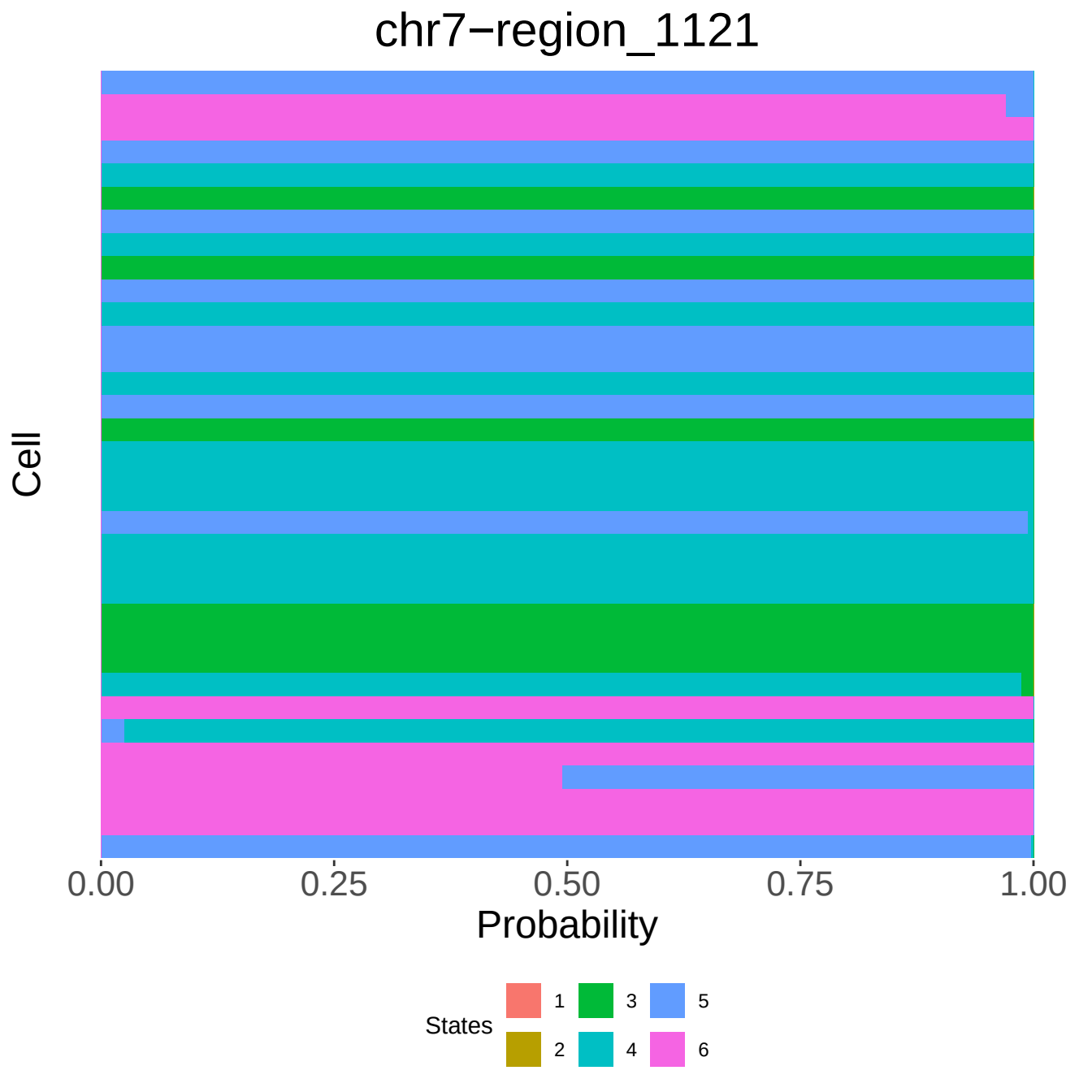
chr7−region_1121
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Probability
States
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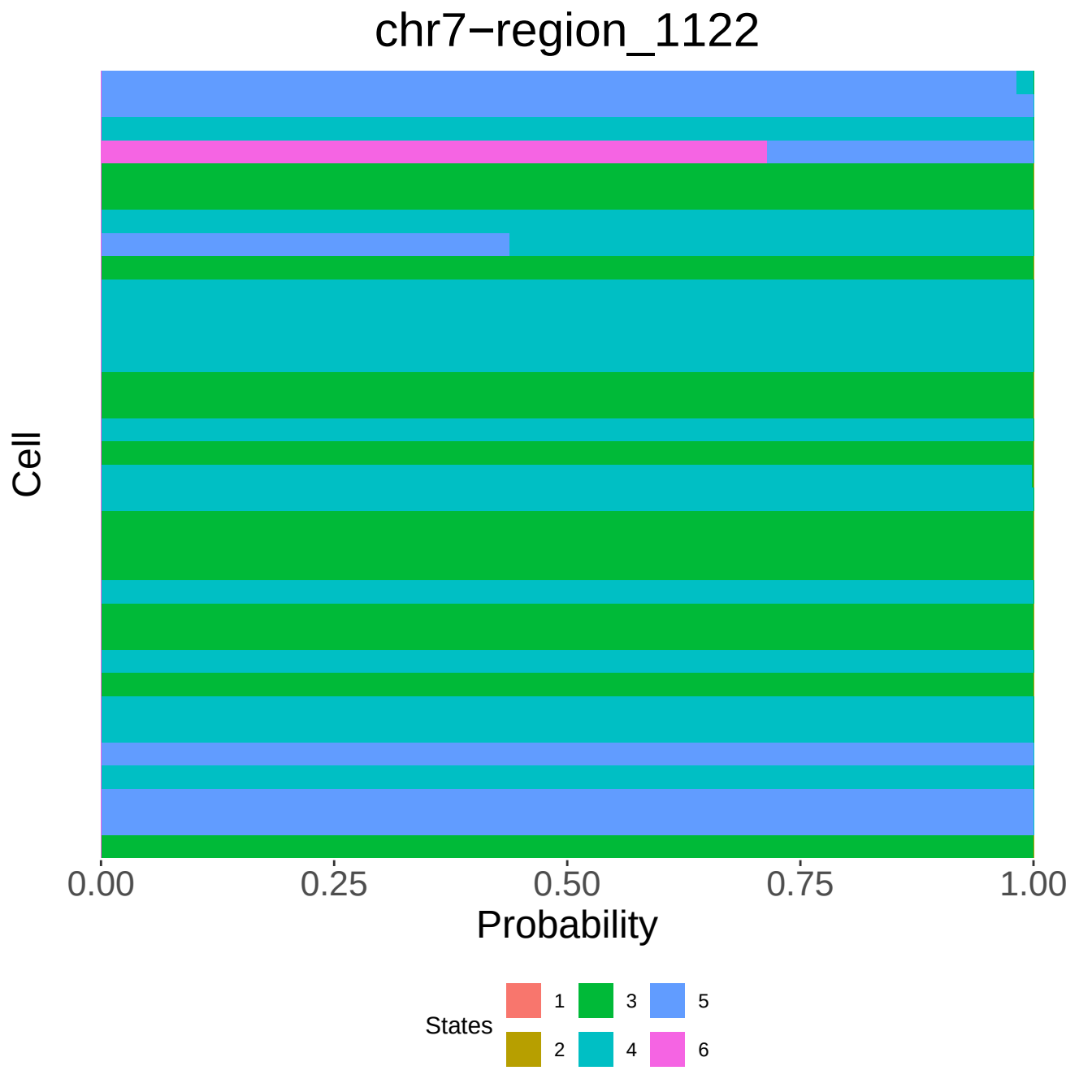
chr7−region_1122
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Probability
States
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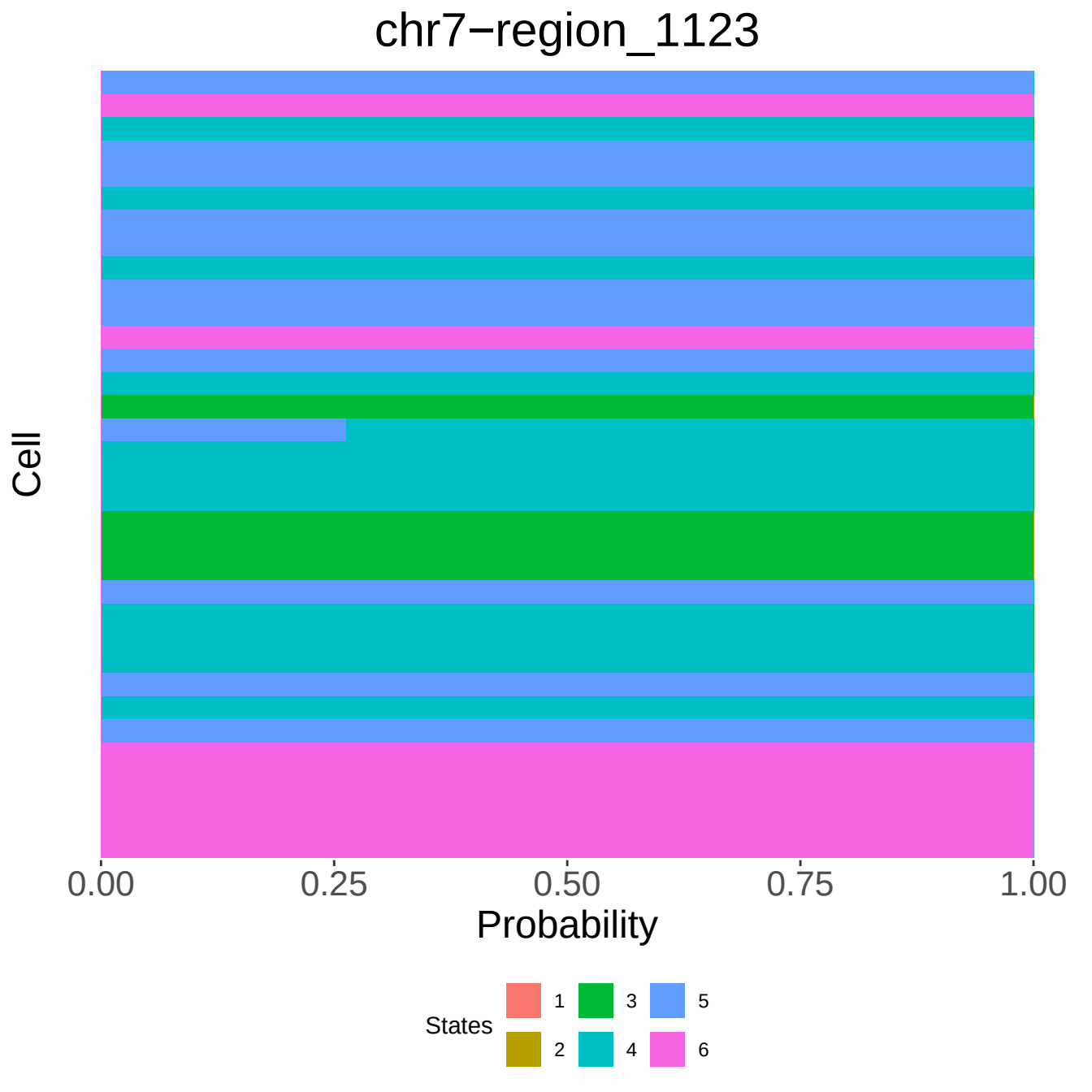
chr7−region_1123
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Probability
States
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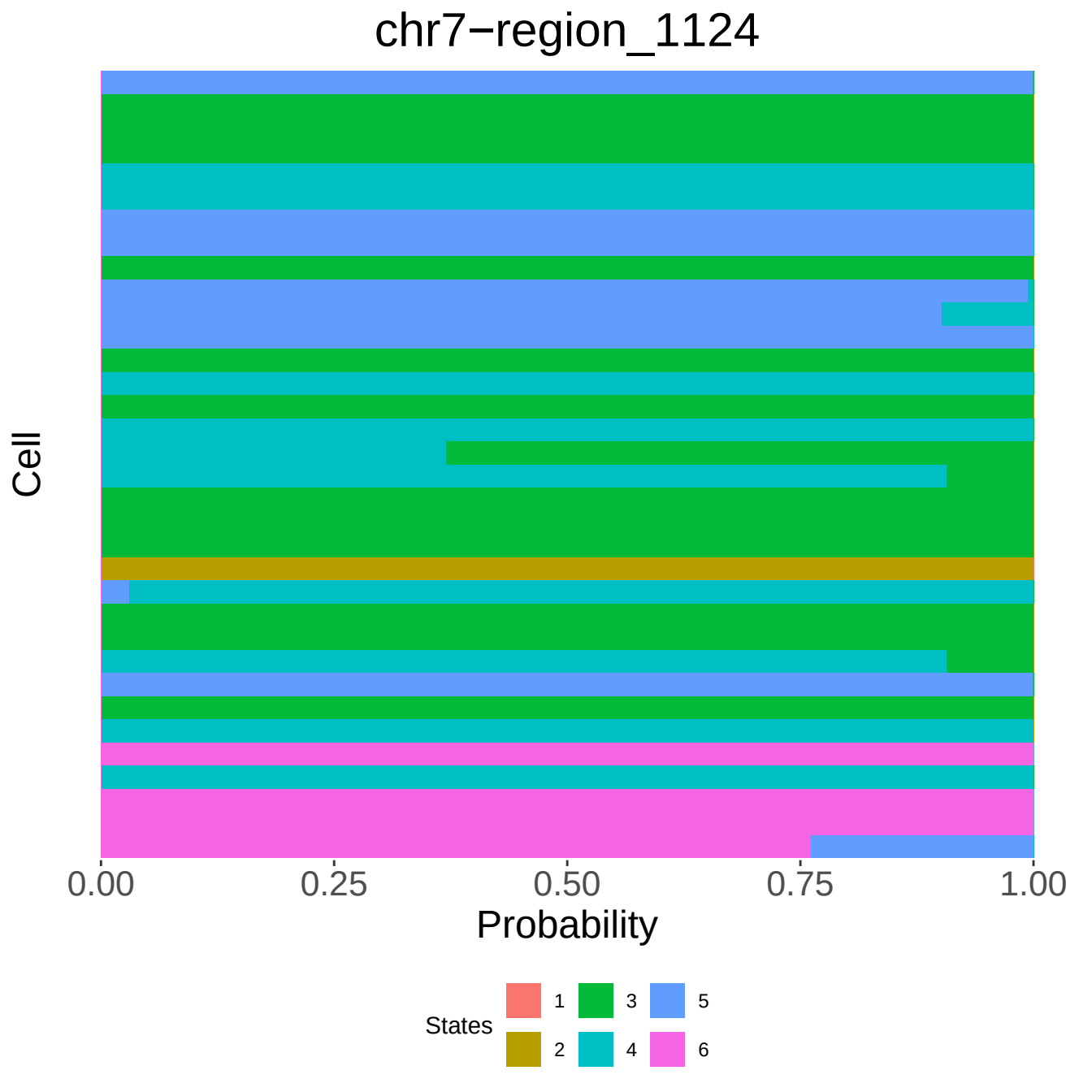
chr7−region_1124
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Probability
States
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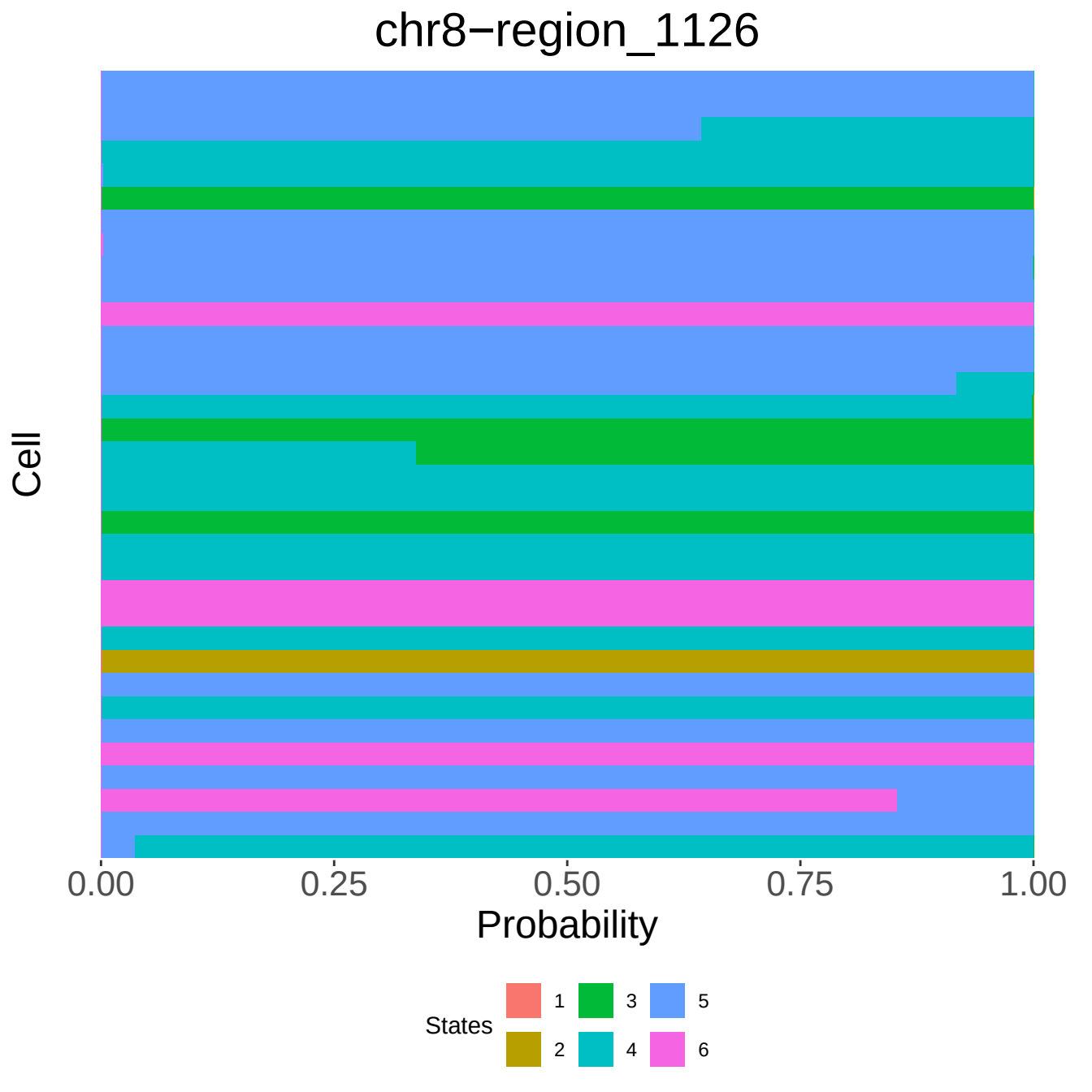
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Probability
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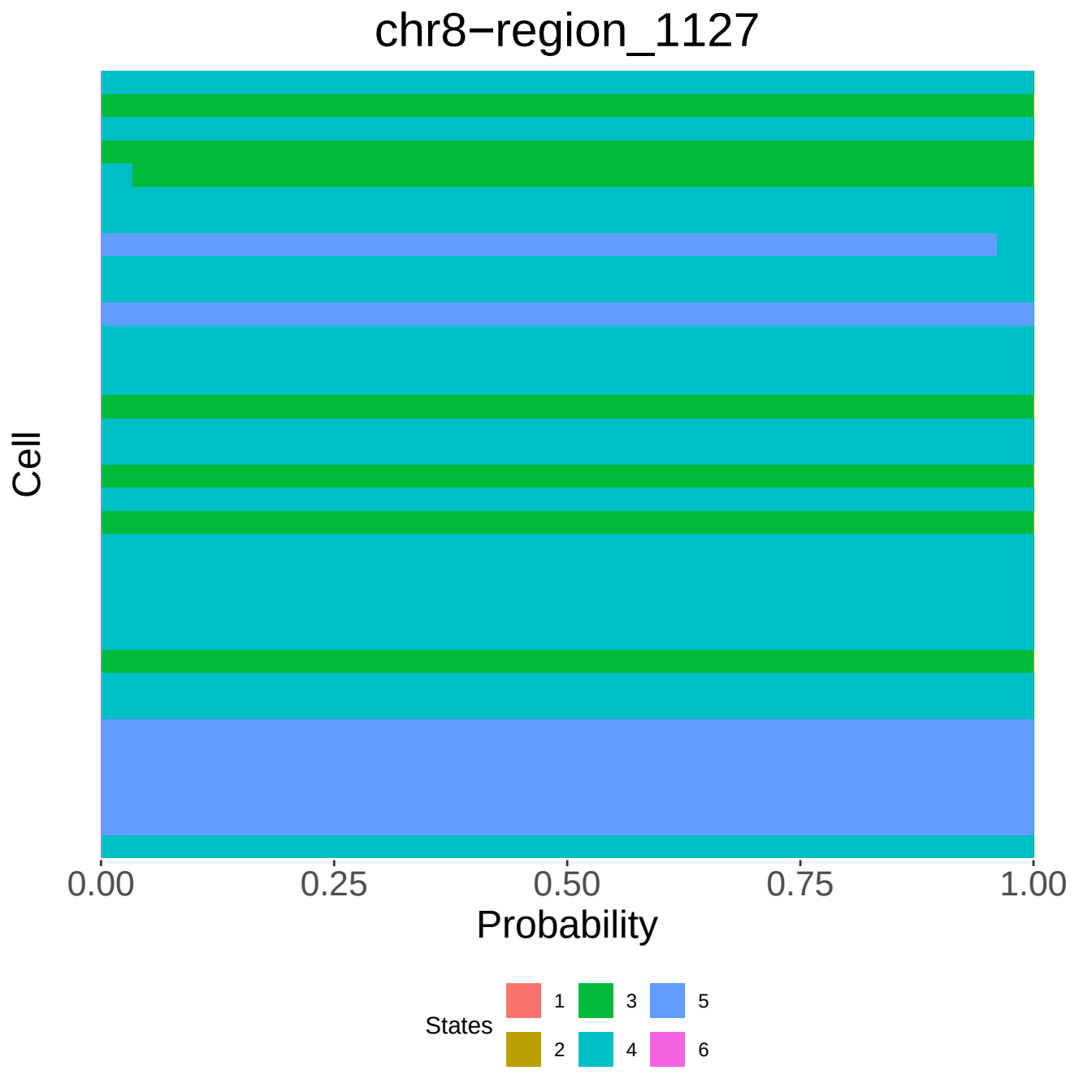
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Probability
States
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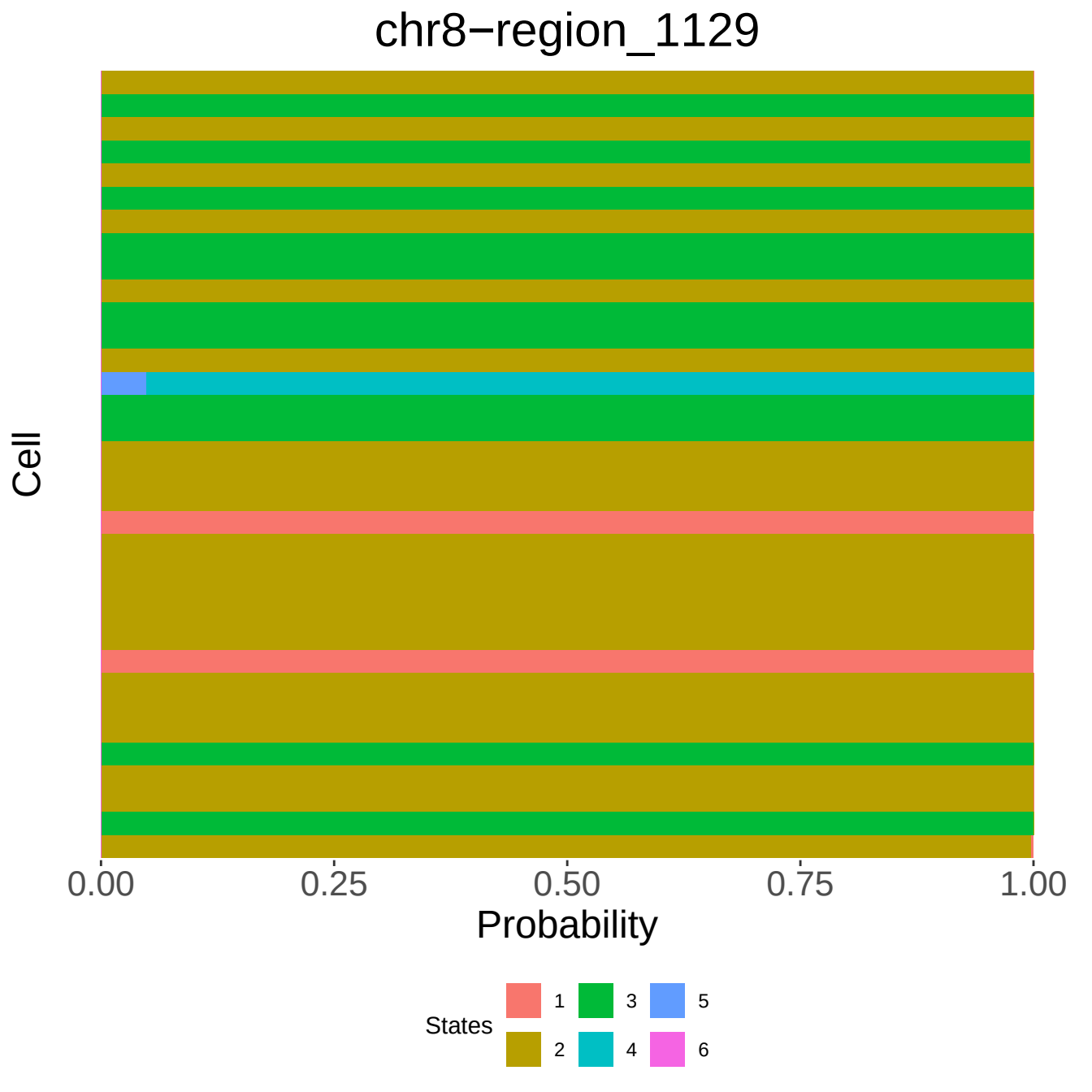
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Probability
States
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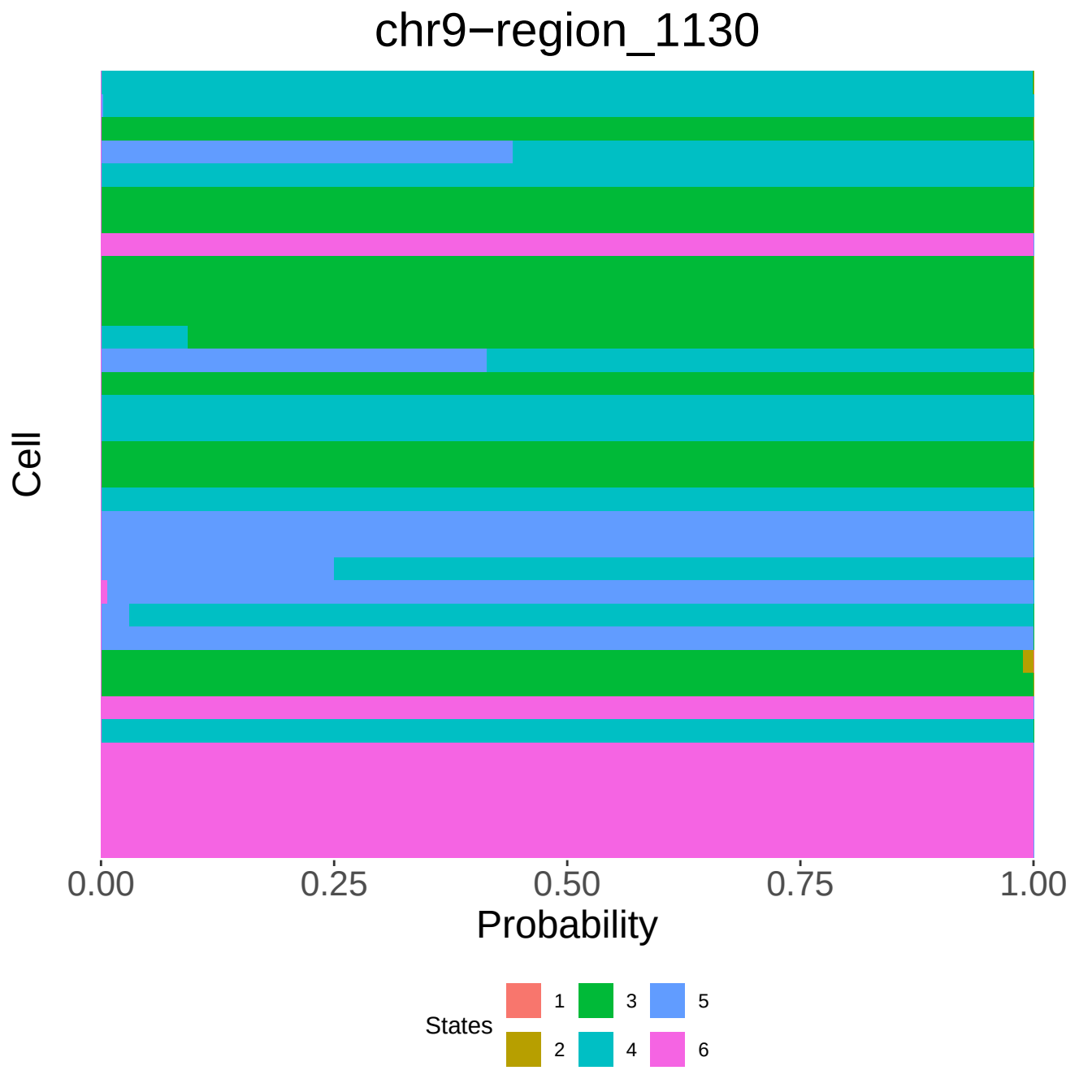
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Probability
States
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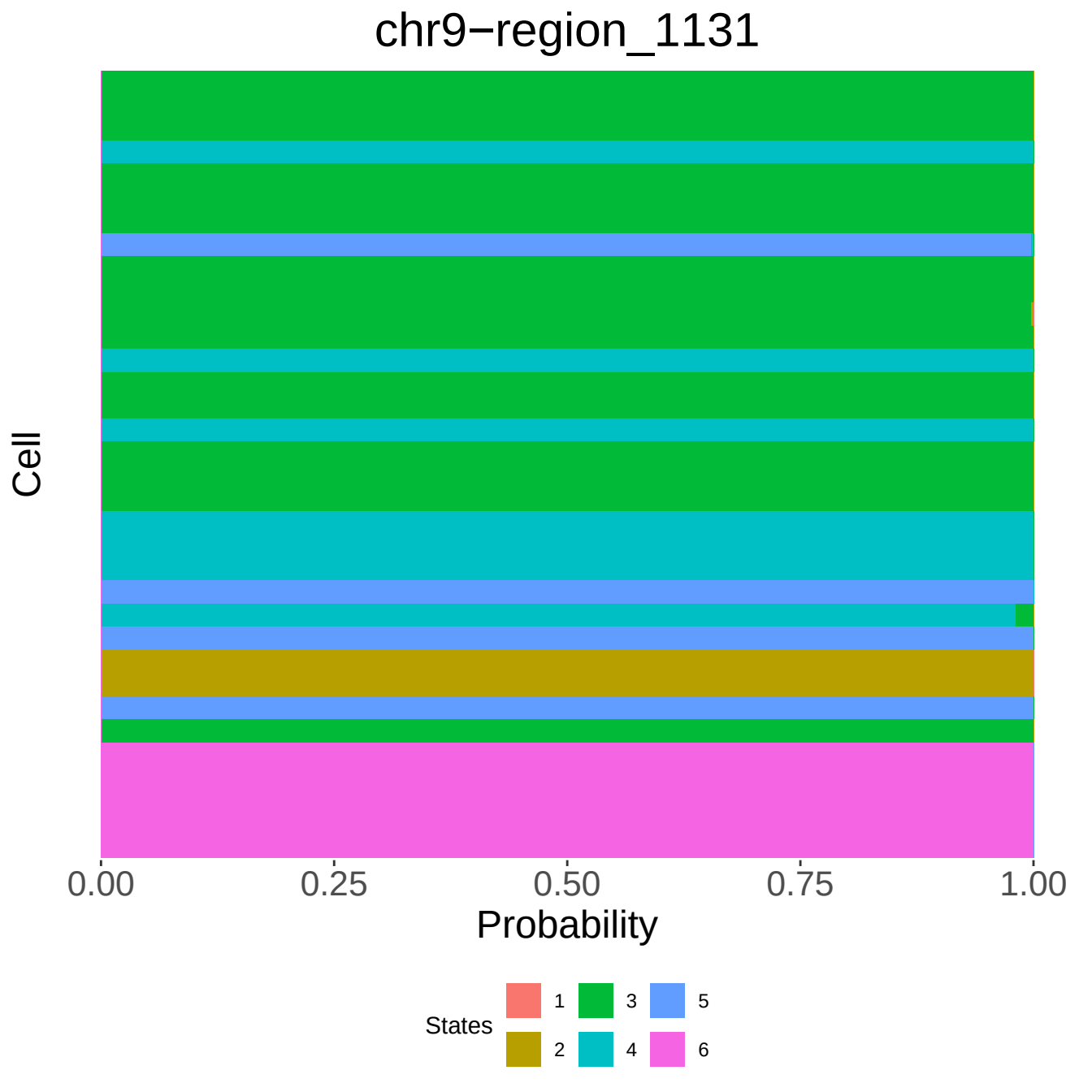
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Probability
States
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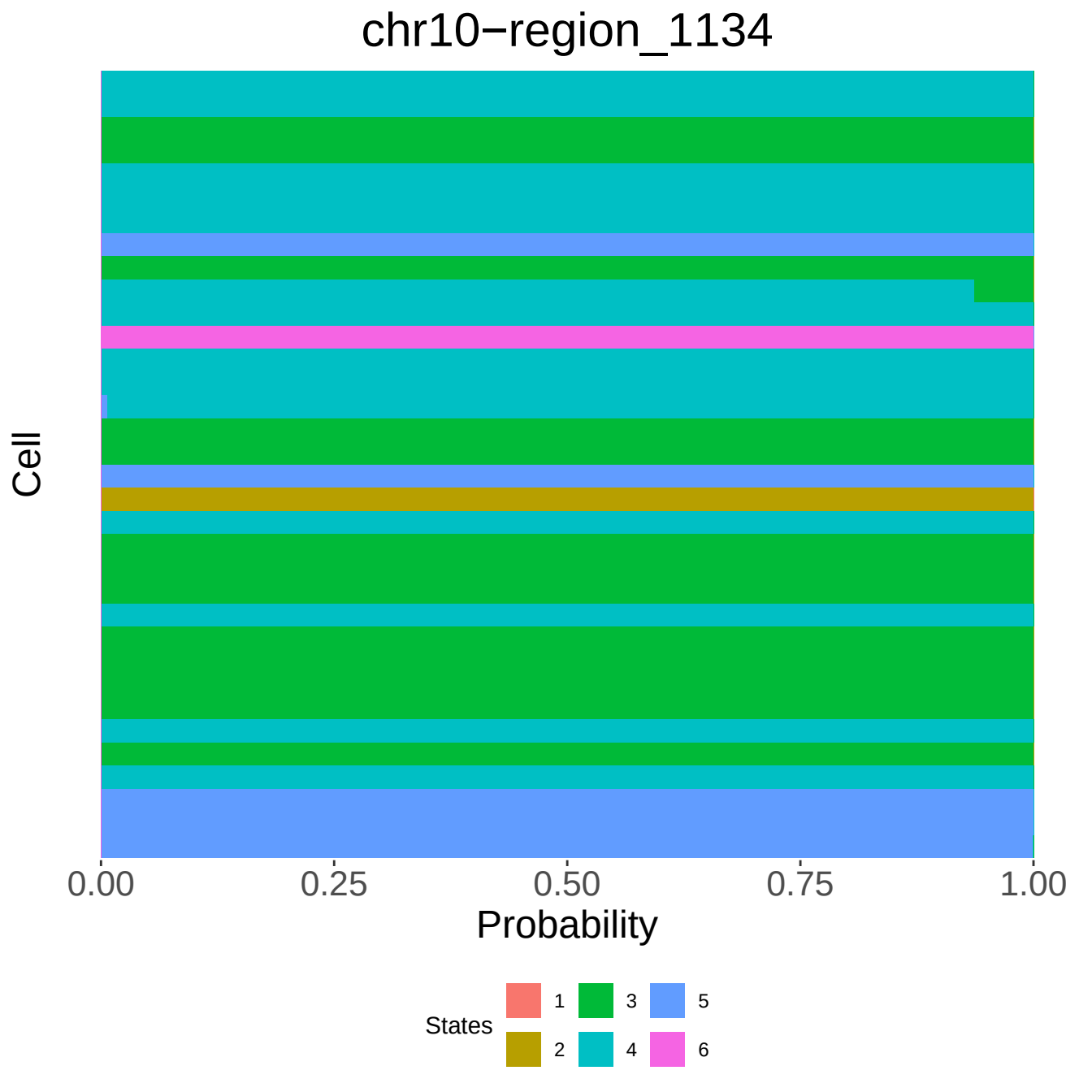
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Probability
States
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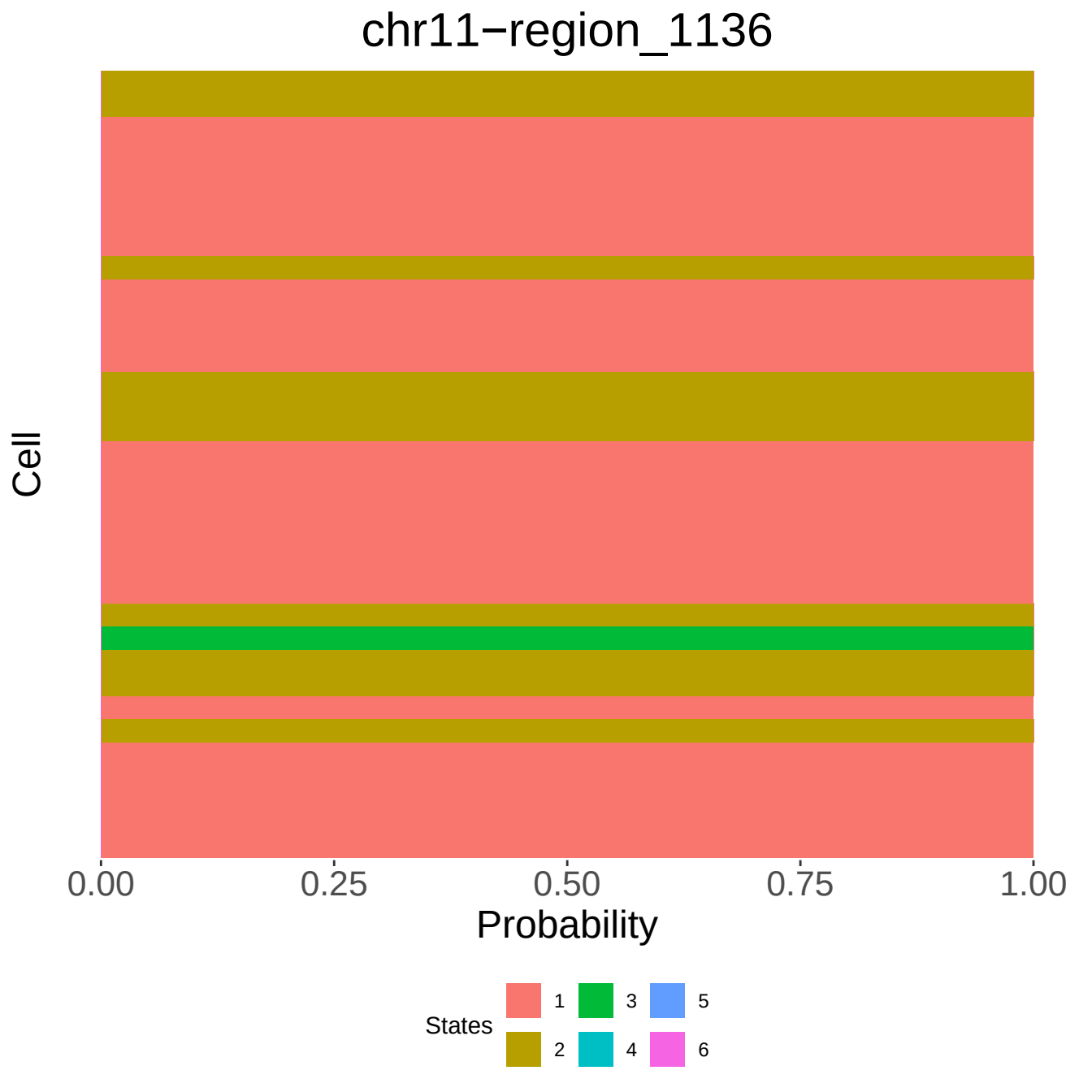
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Probability
States
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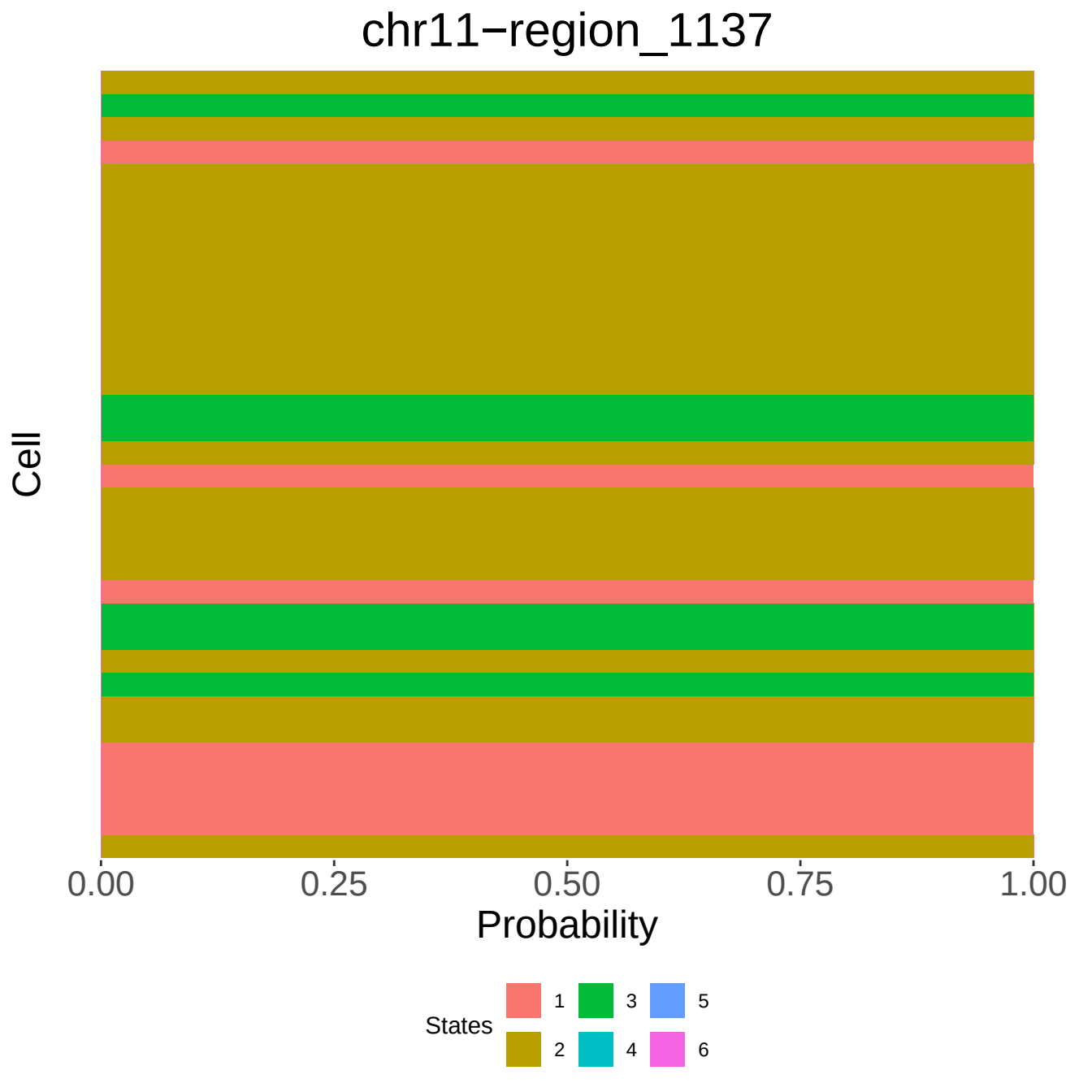
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Probability
States
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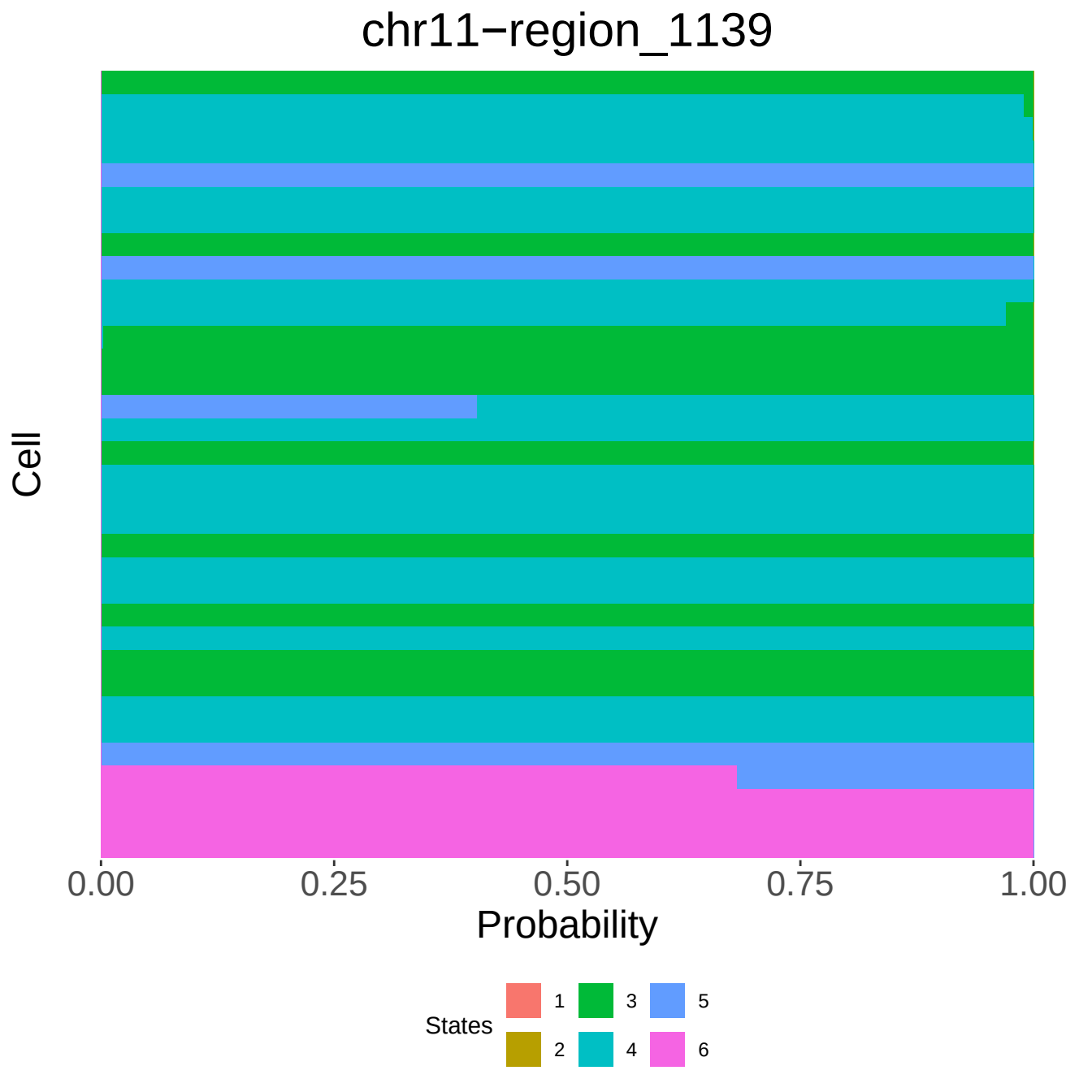
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Probability
States
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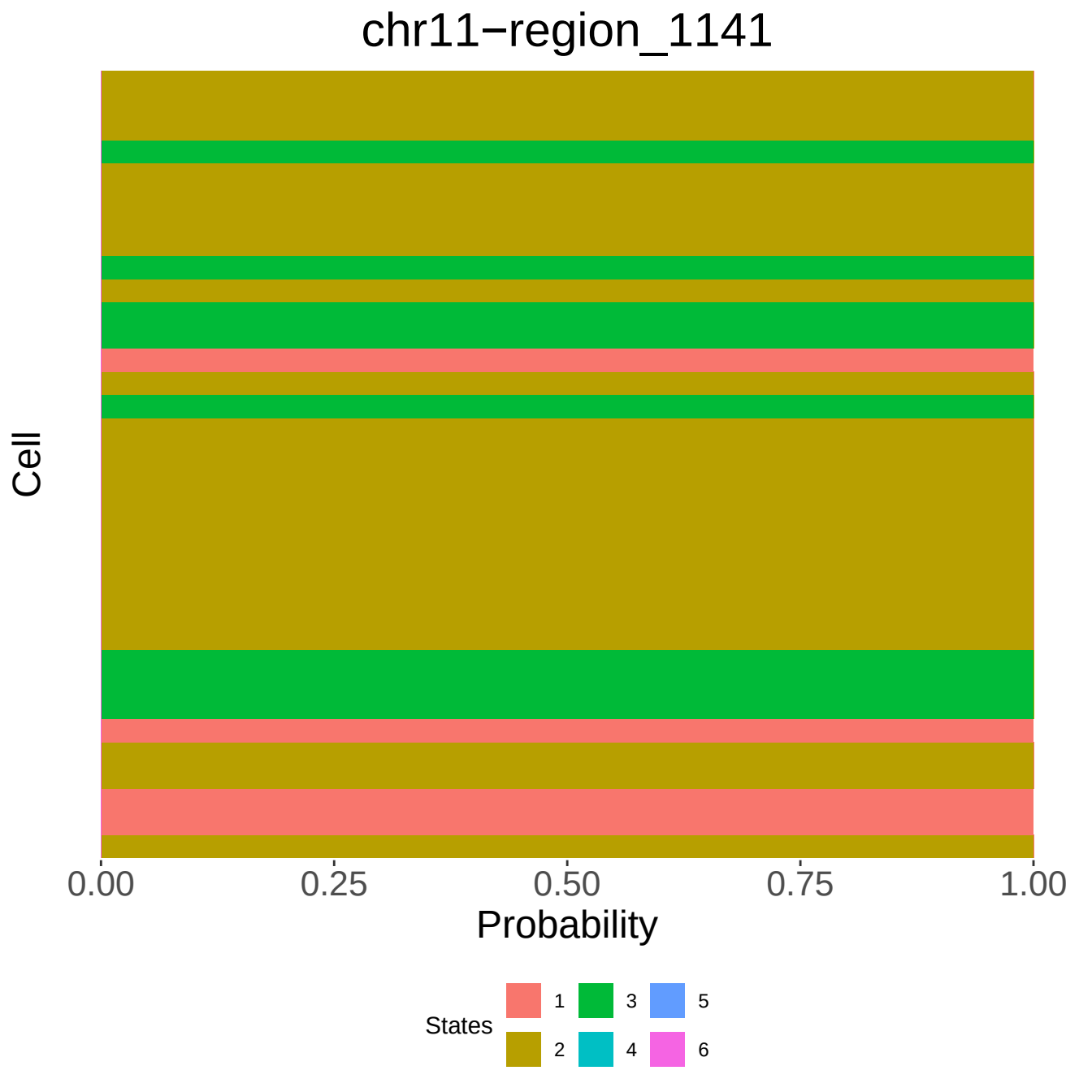
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Probability
States
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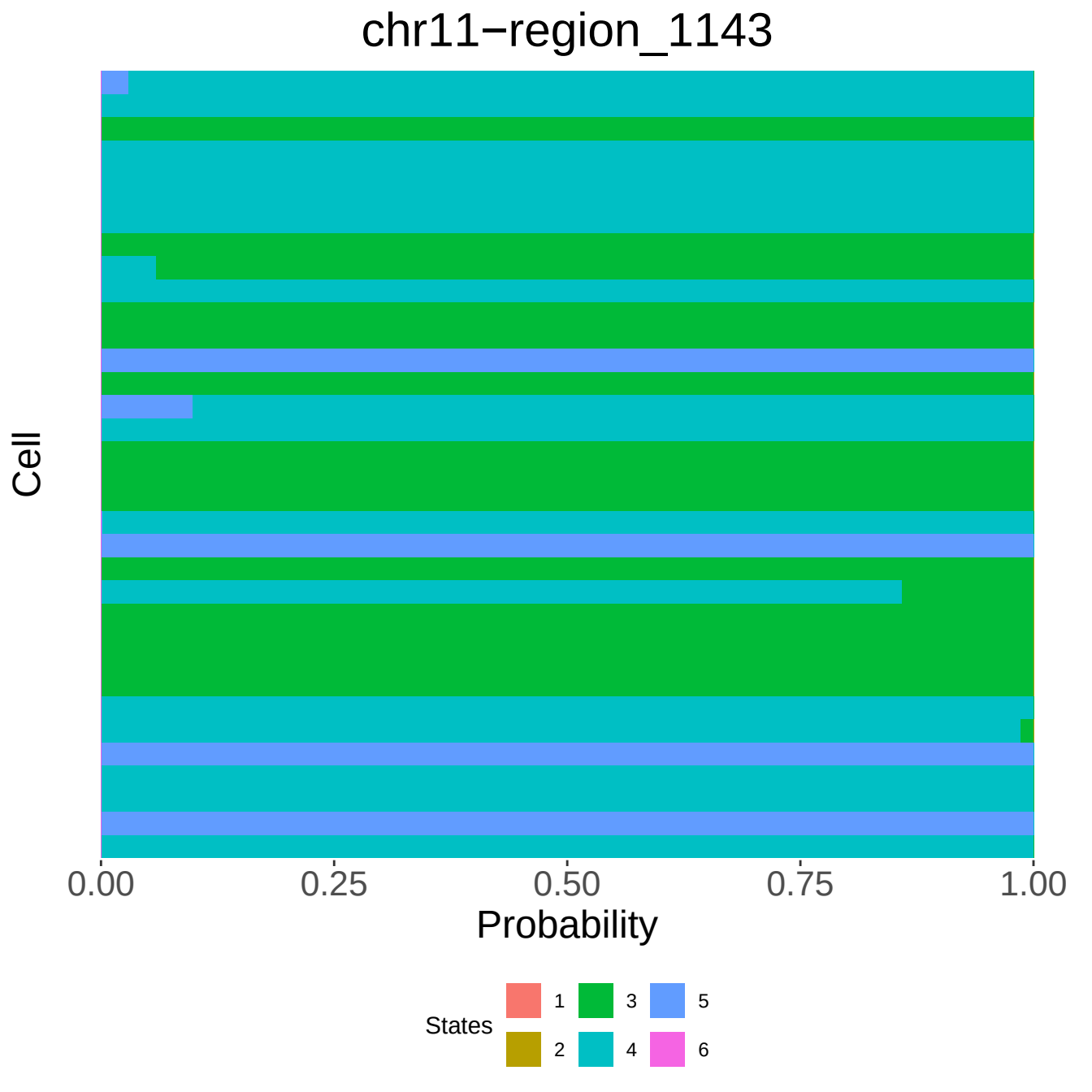
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Probability
States
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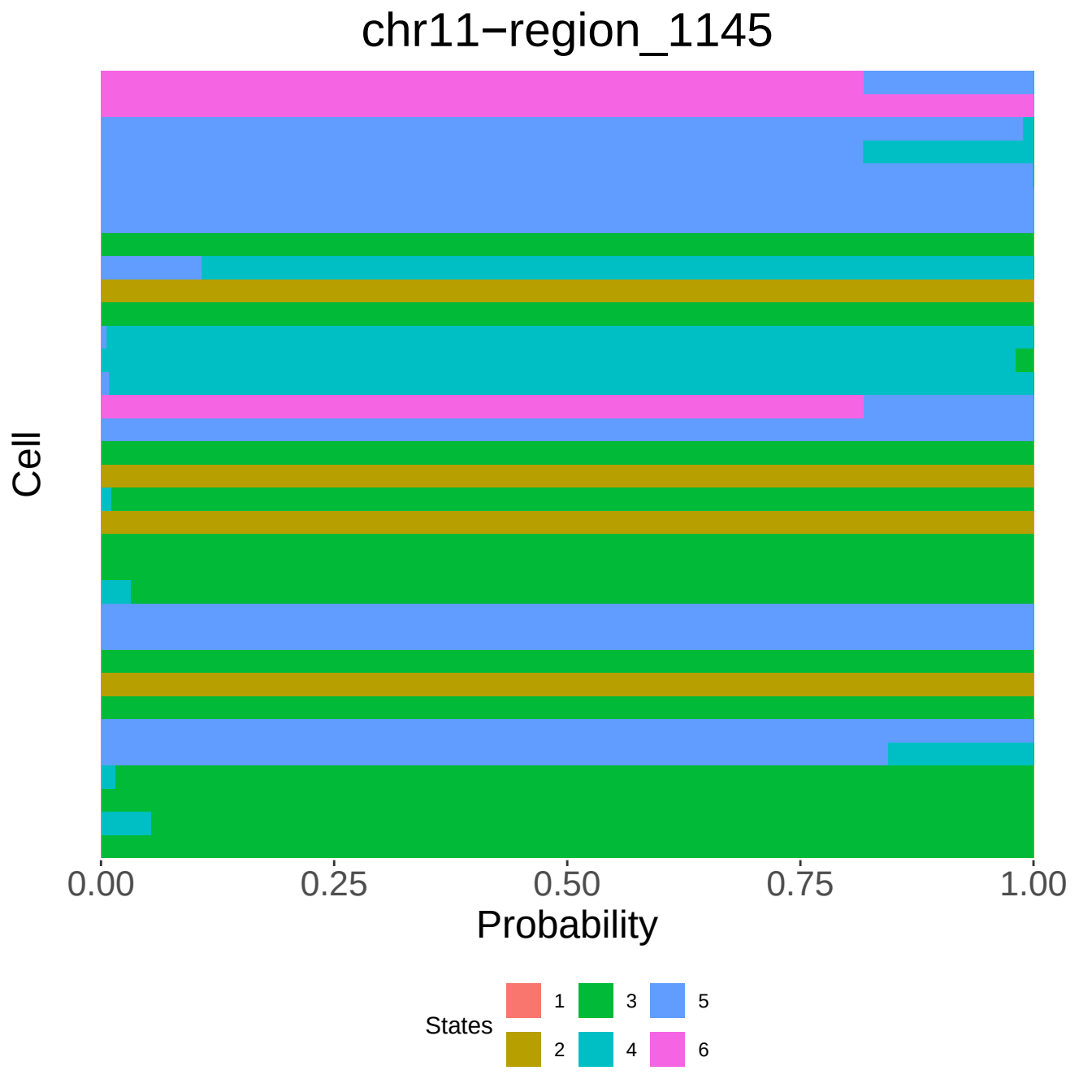
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Probability
States
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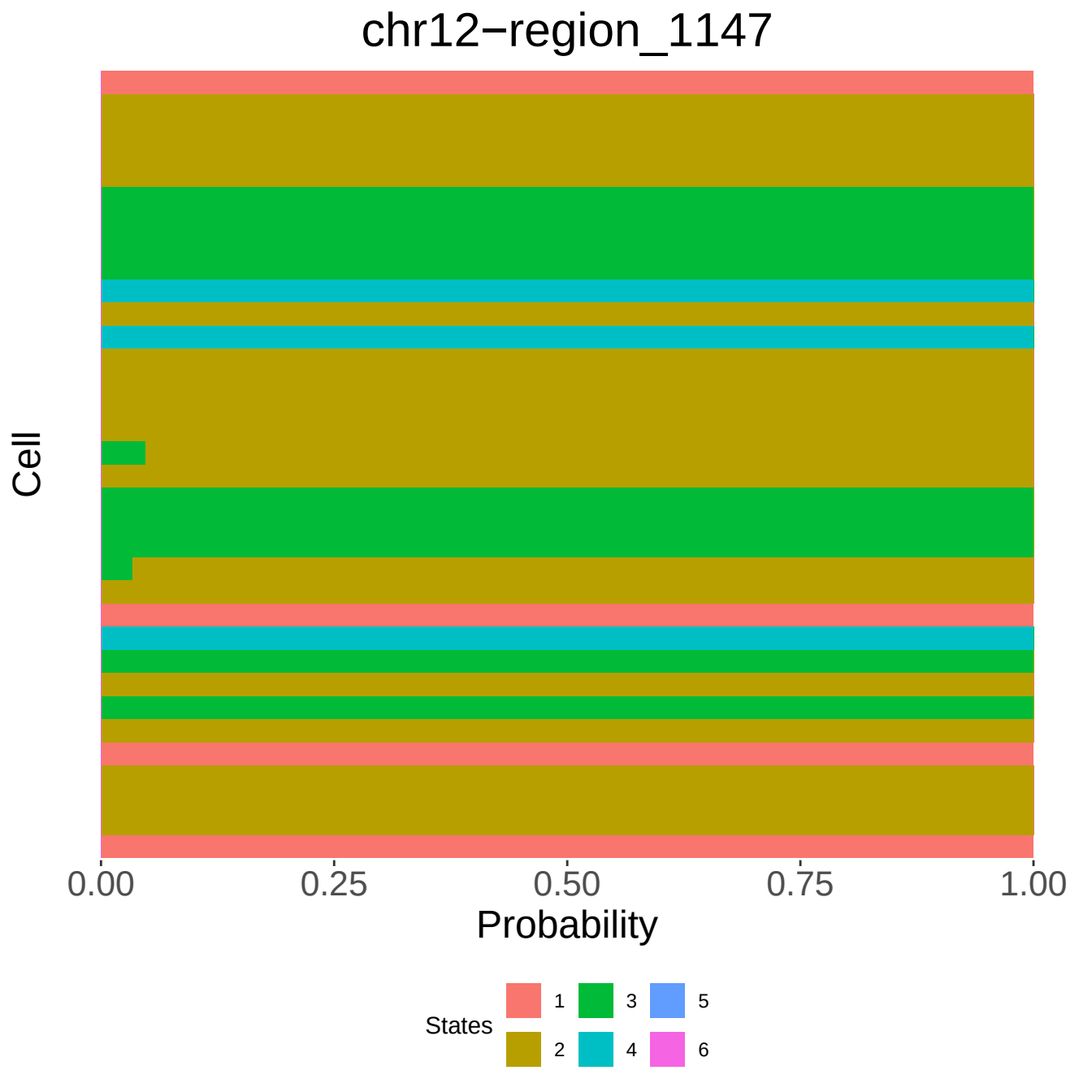
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Probability
States
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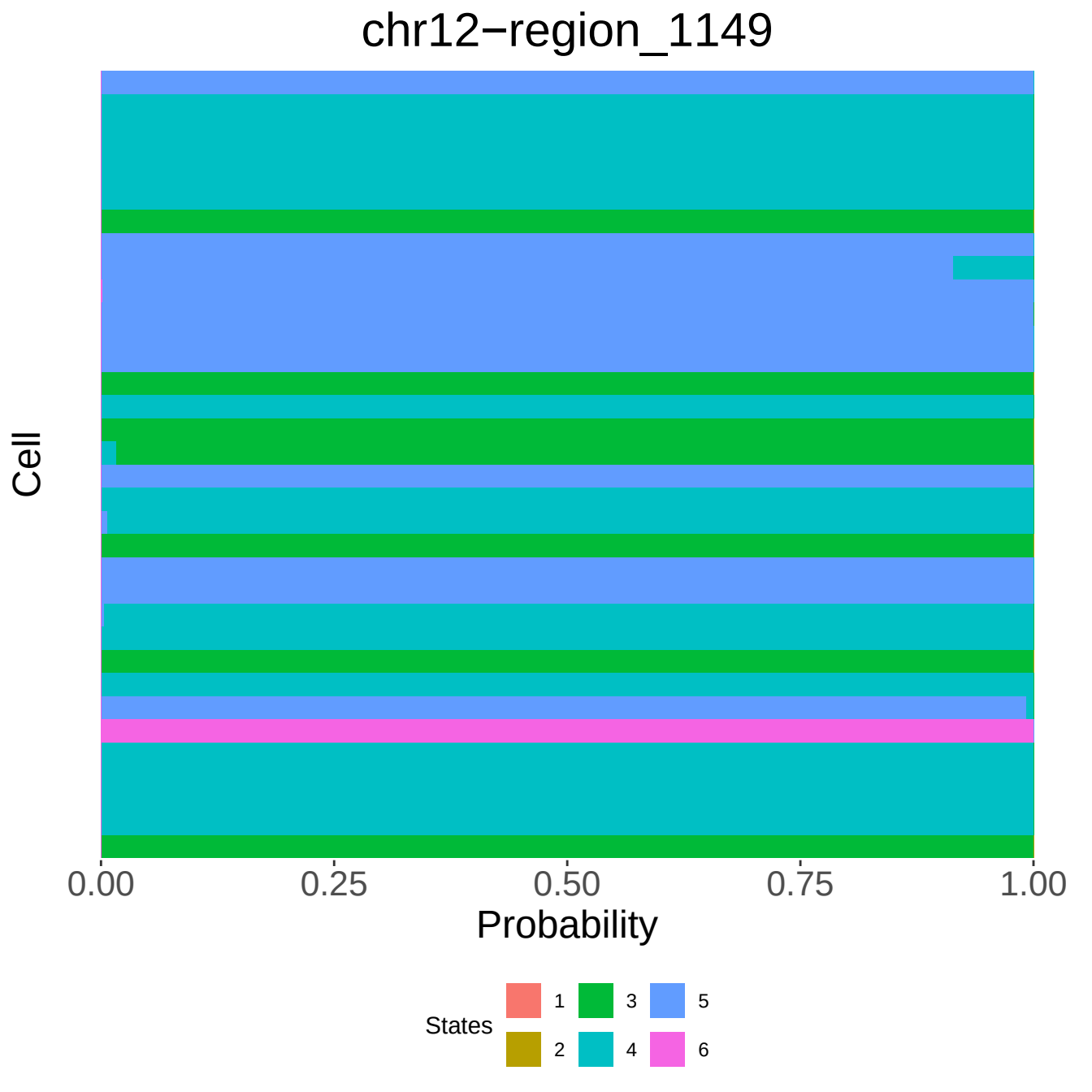
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Probability
States
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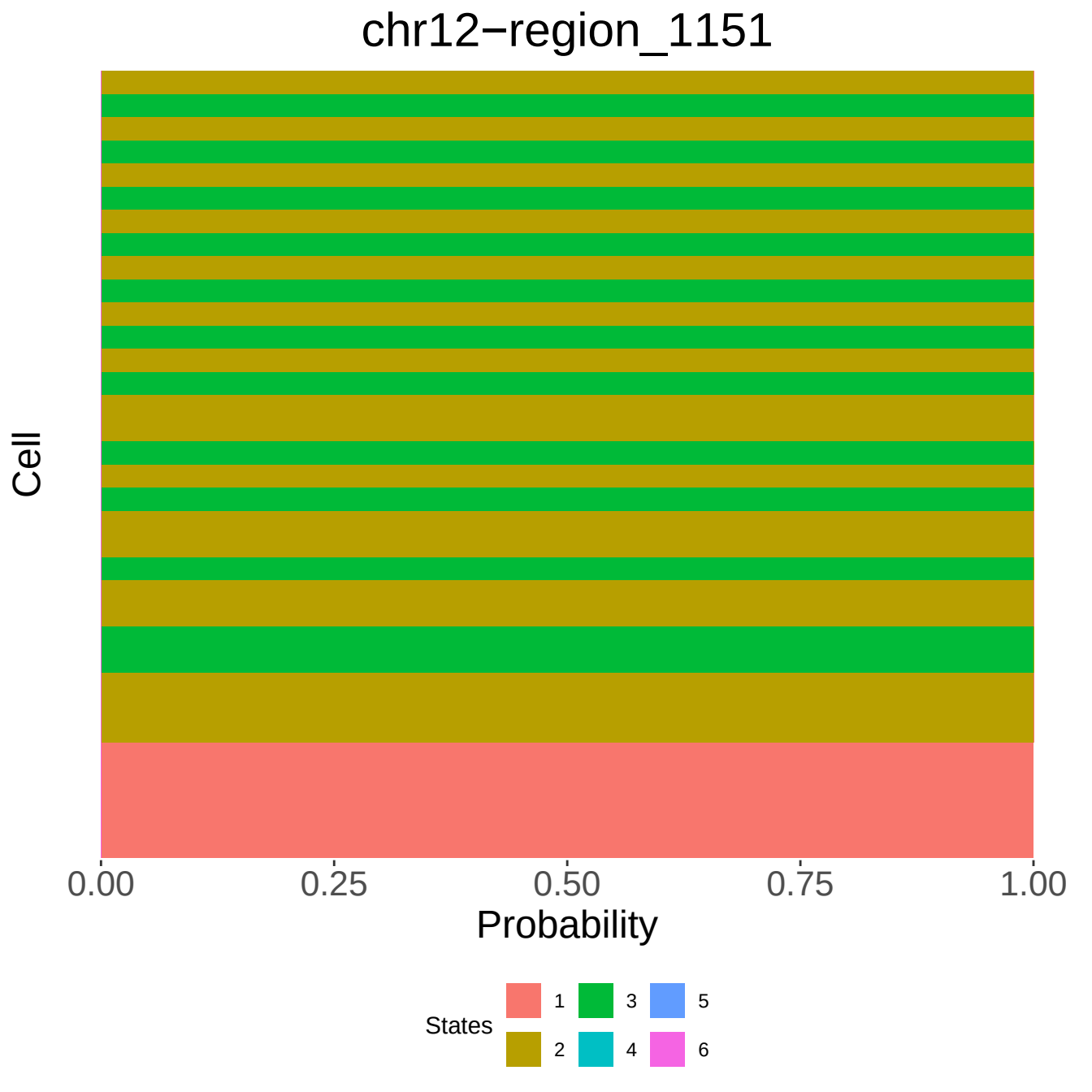
chr12−region_1151
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Probability
States
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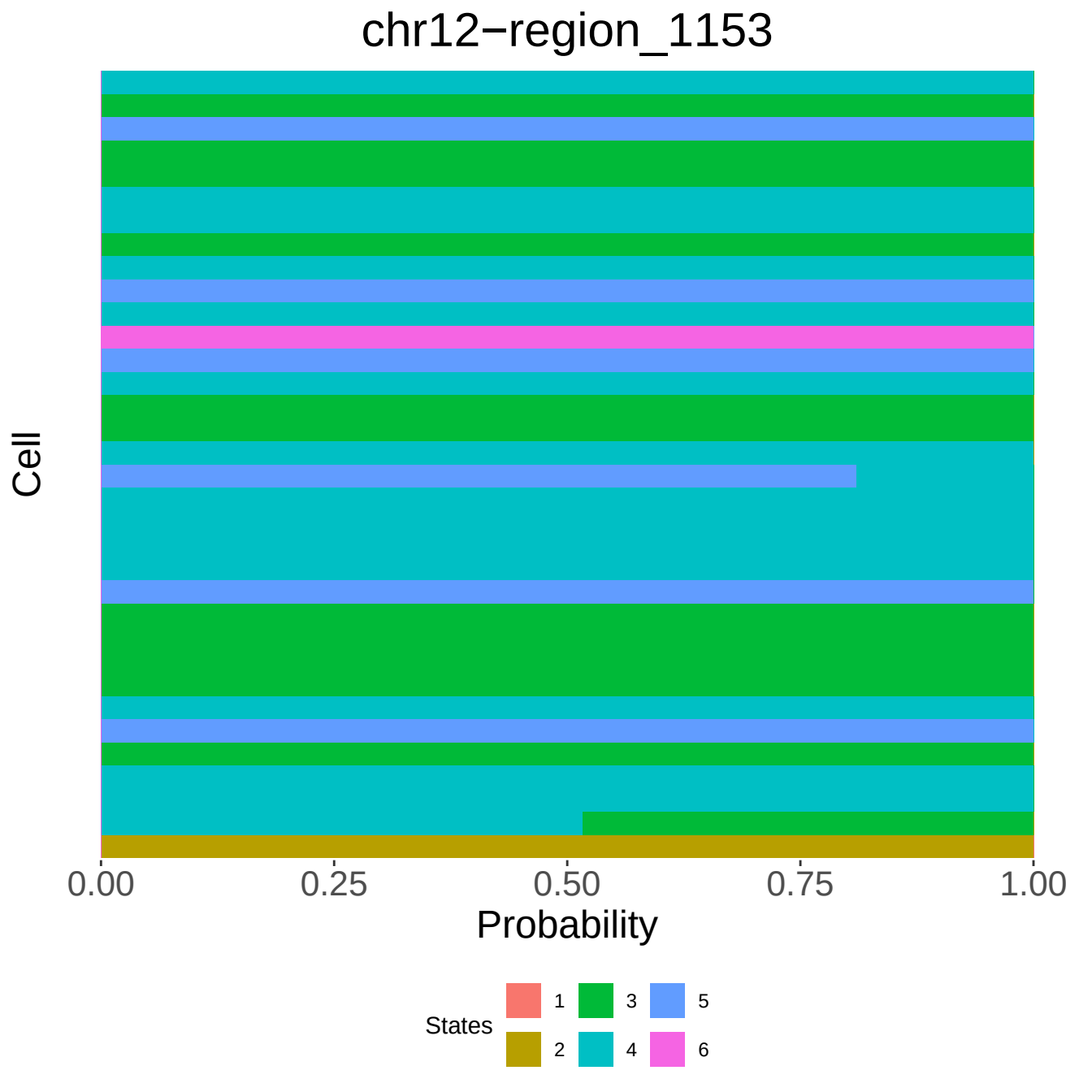
chr12−region_1153
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Probability
States
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2
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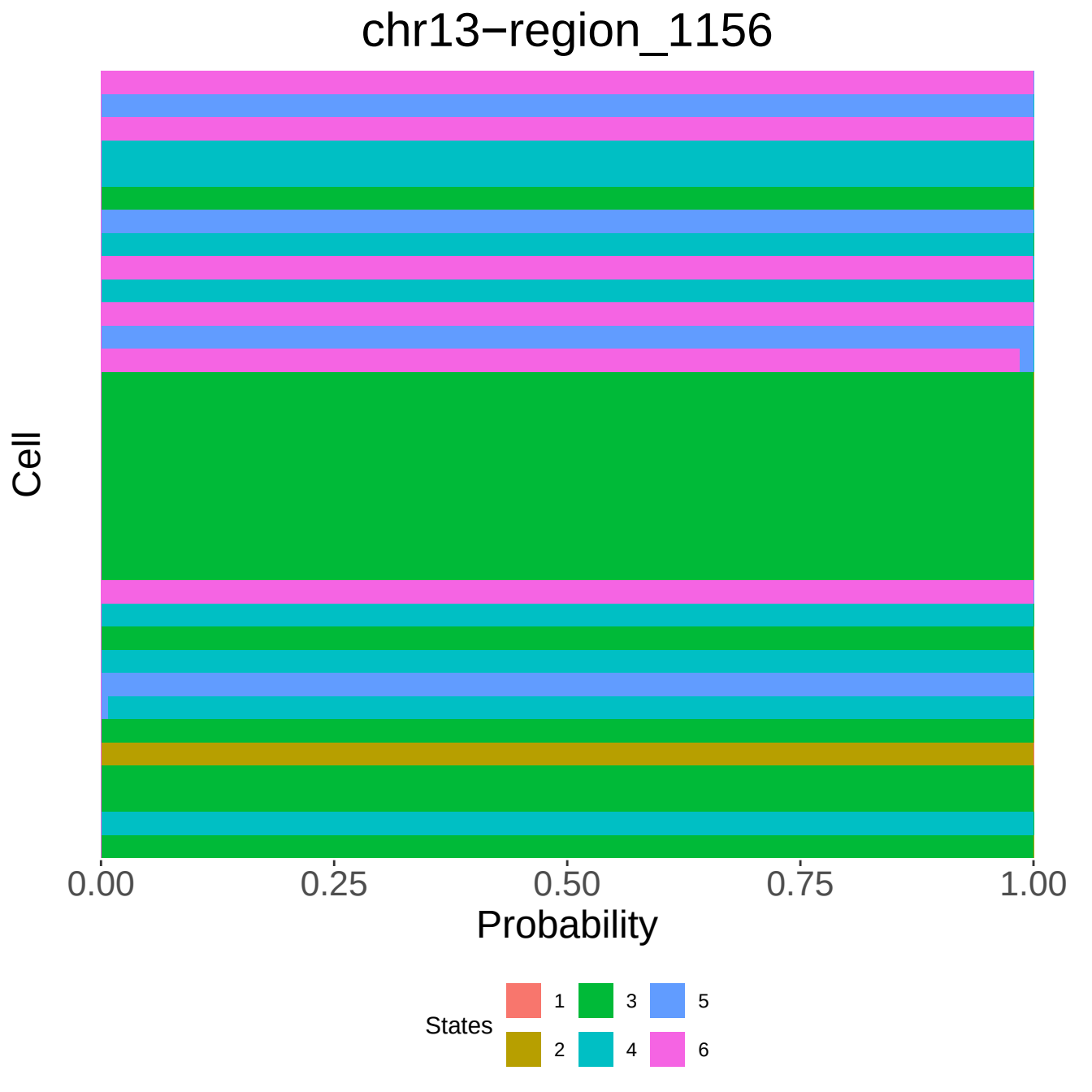
chr13−region_1156
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Probability
States
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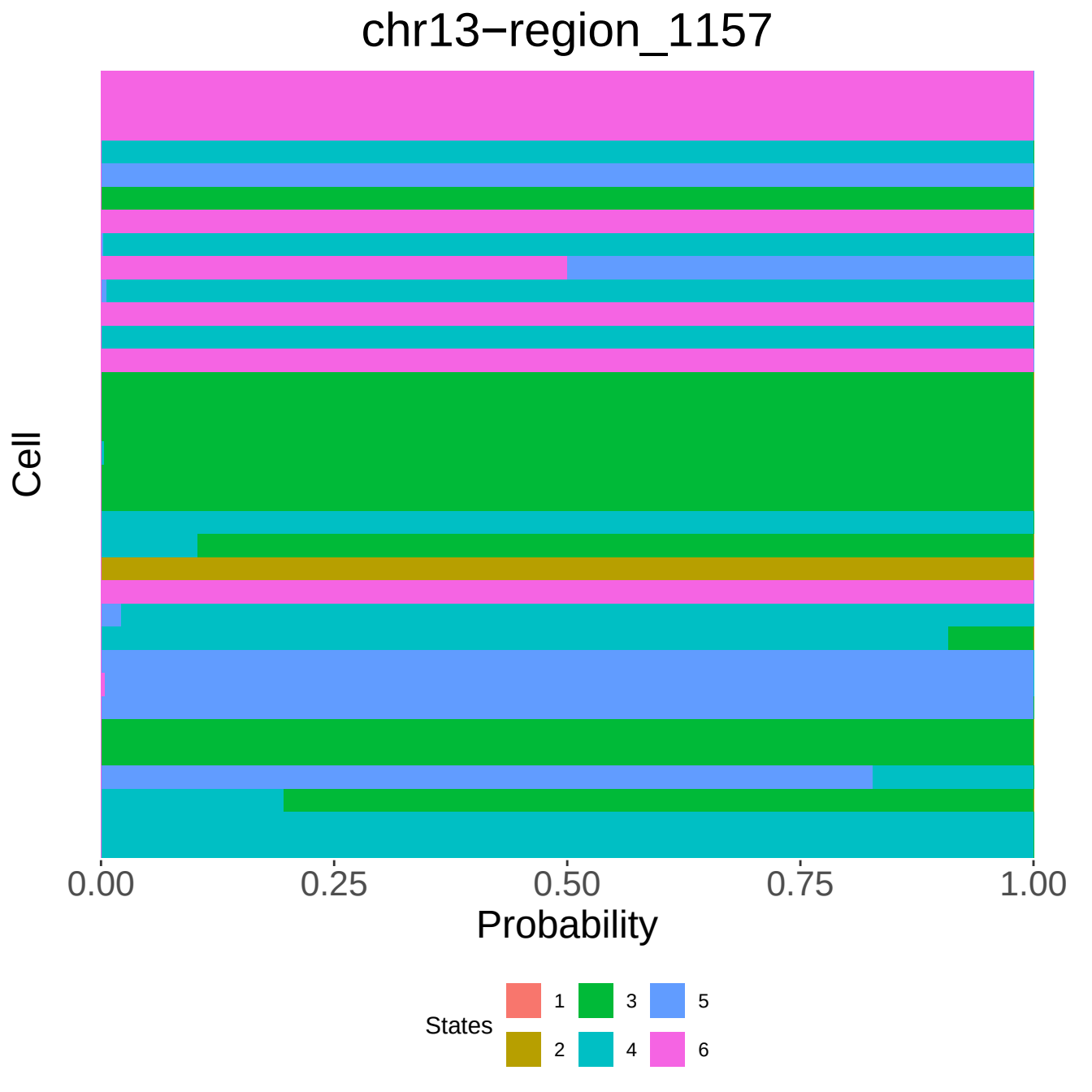
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Probability
States
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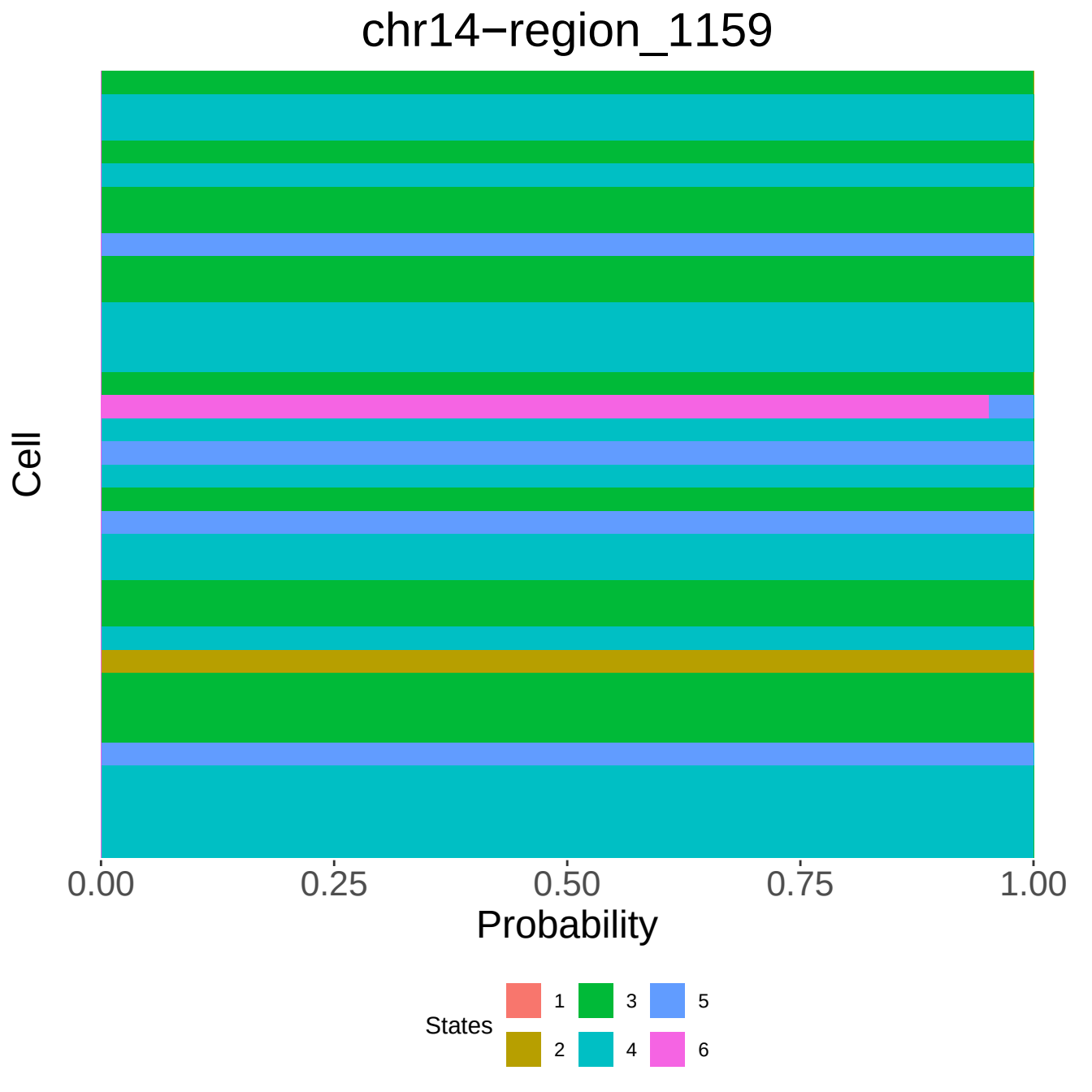
chr14−region_1159
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Probability
States
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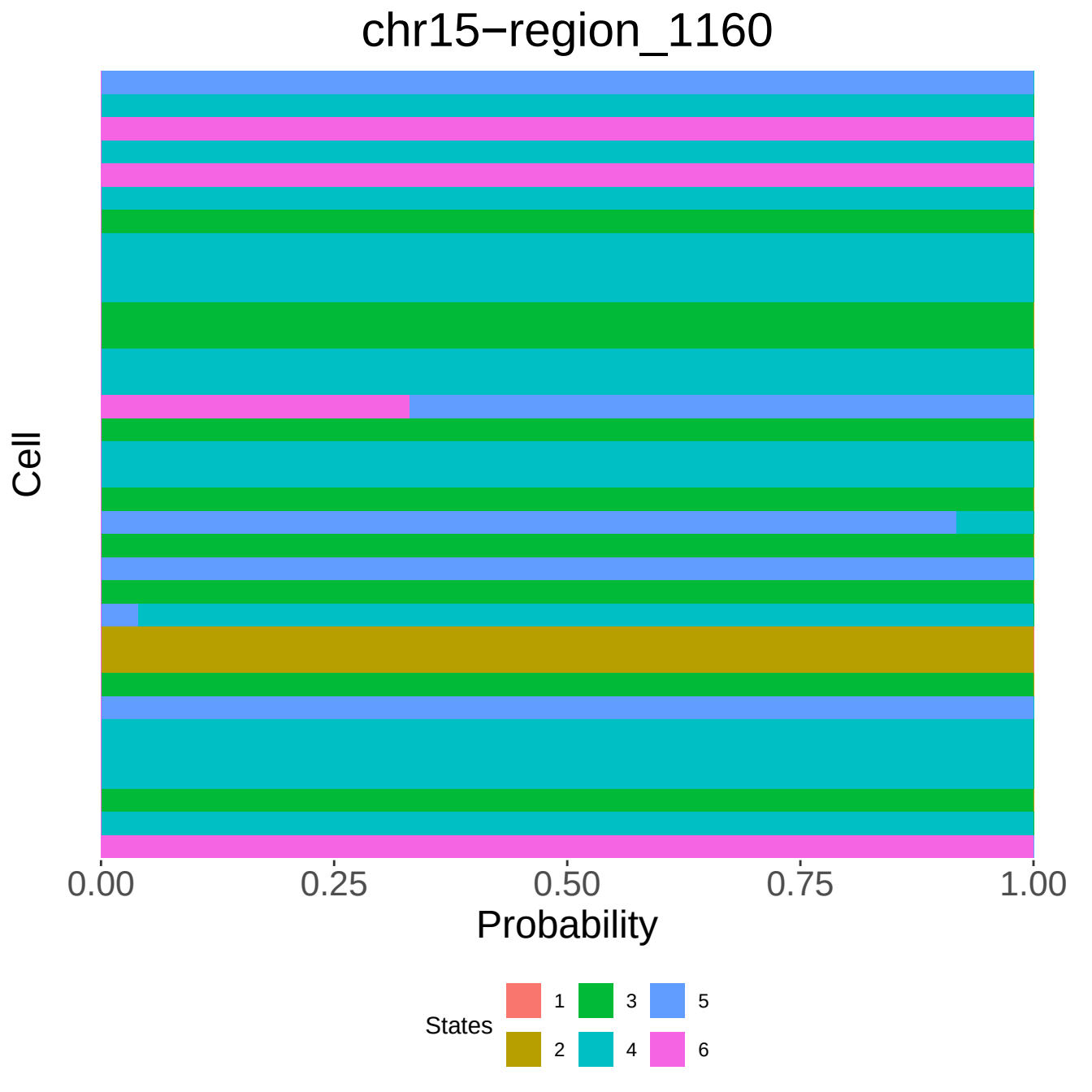
chr15−region_1160
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Probability
States
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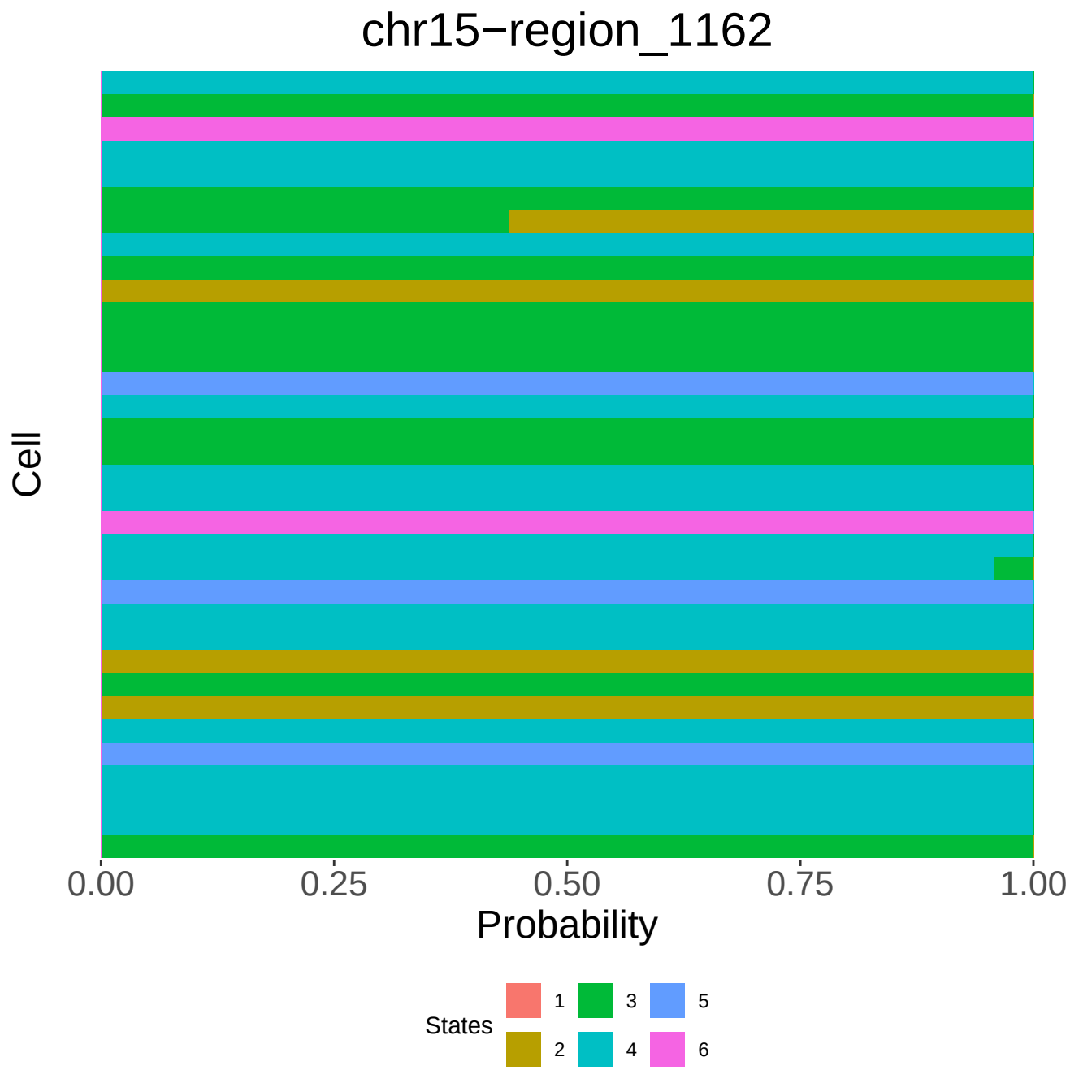
chr15−region_1162
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Probability
States
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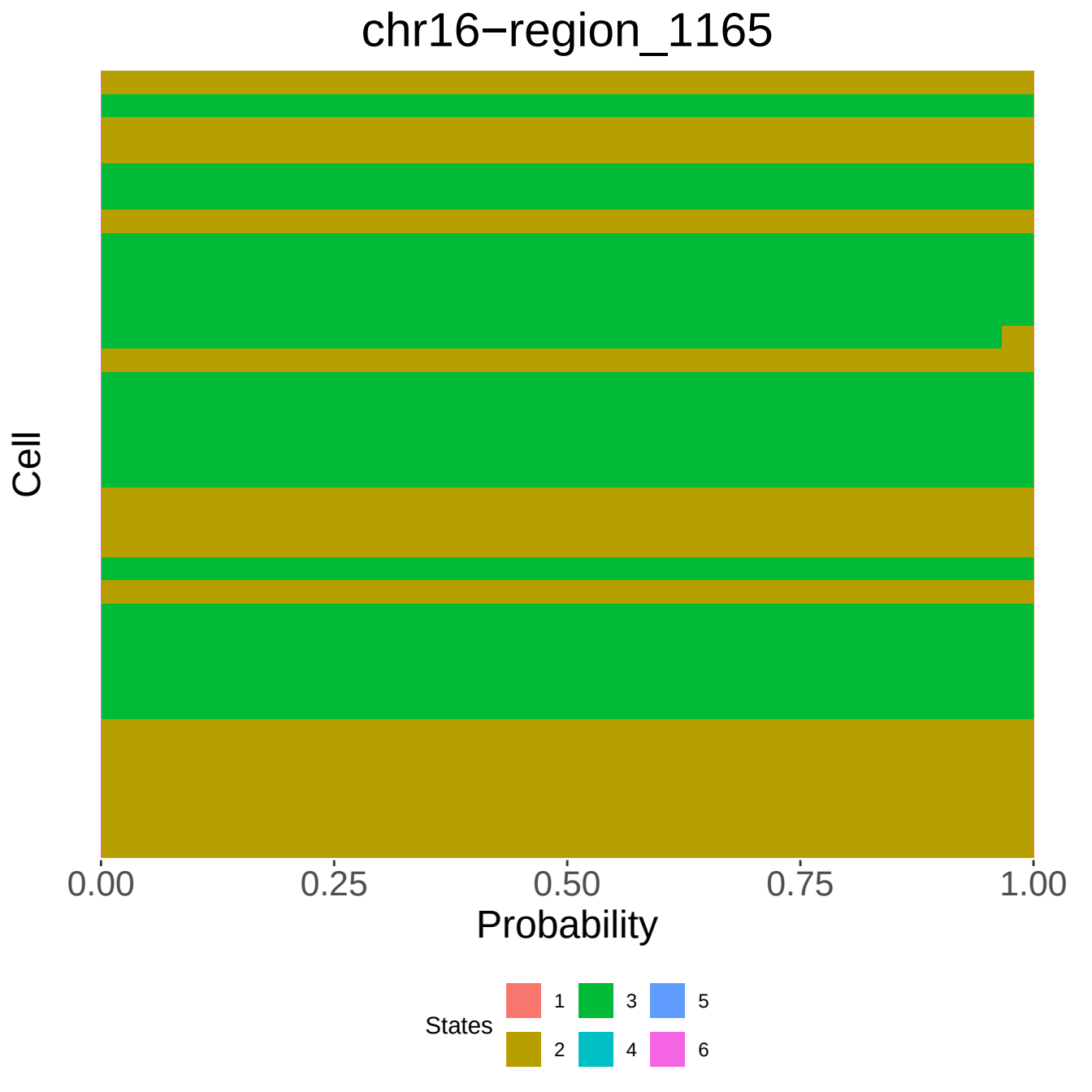
chr16−region_1165
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Probability
States
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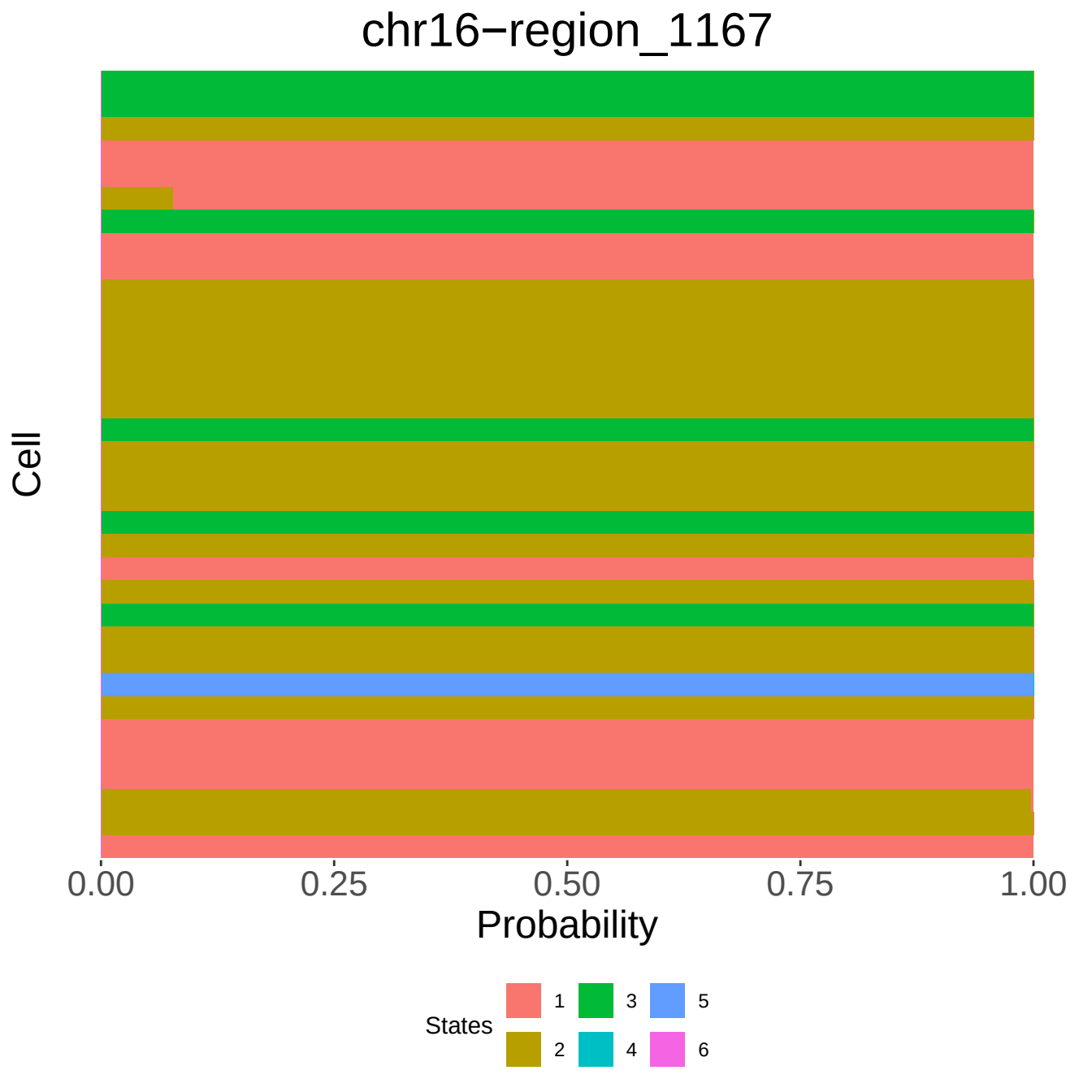
chr16−region_1167
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Probability
States
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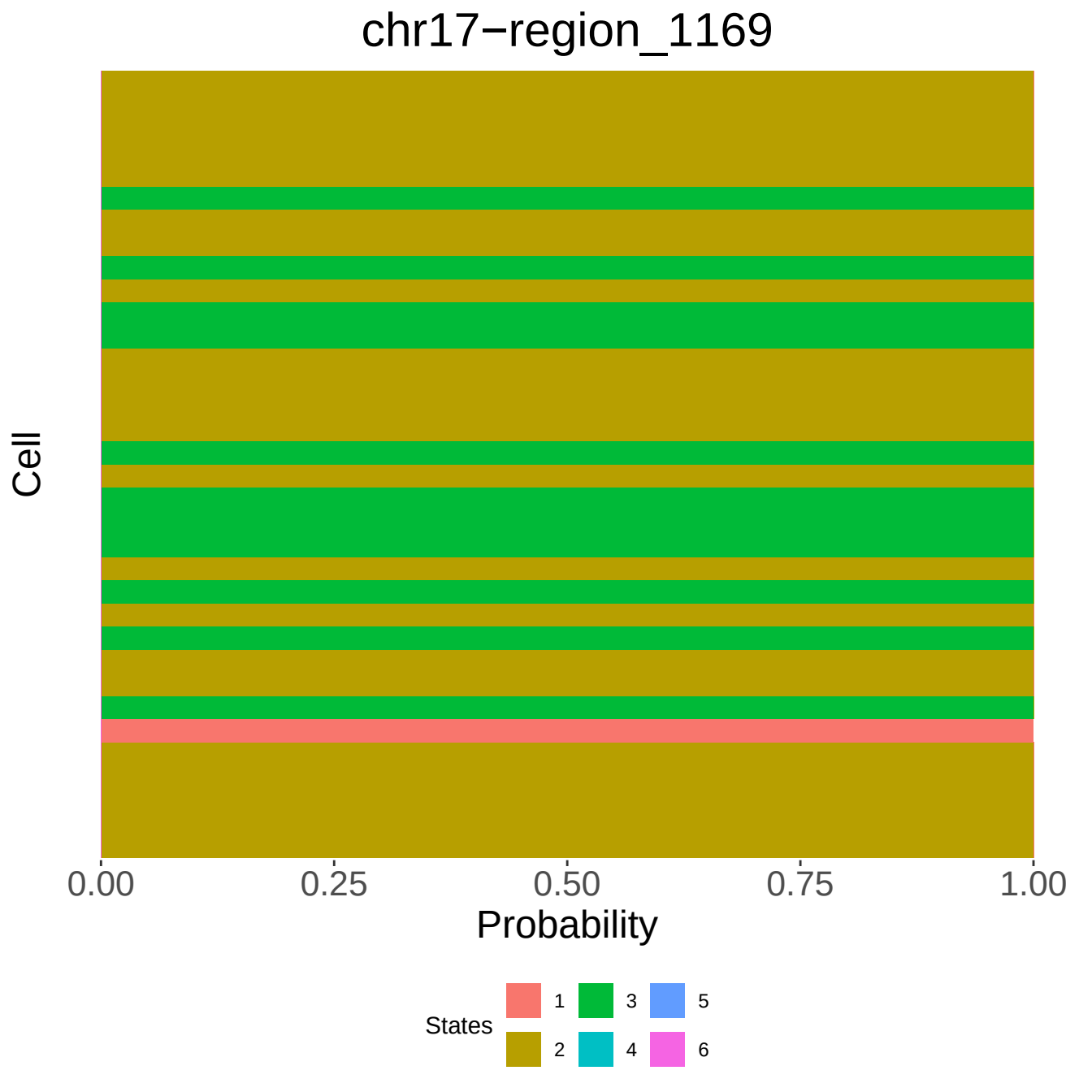
chr17−region_1169
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Probability
States
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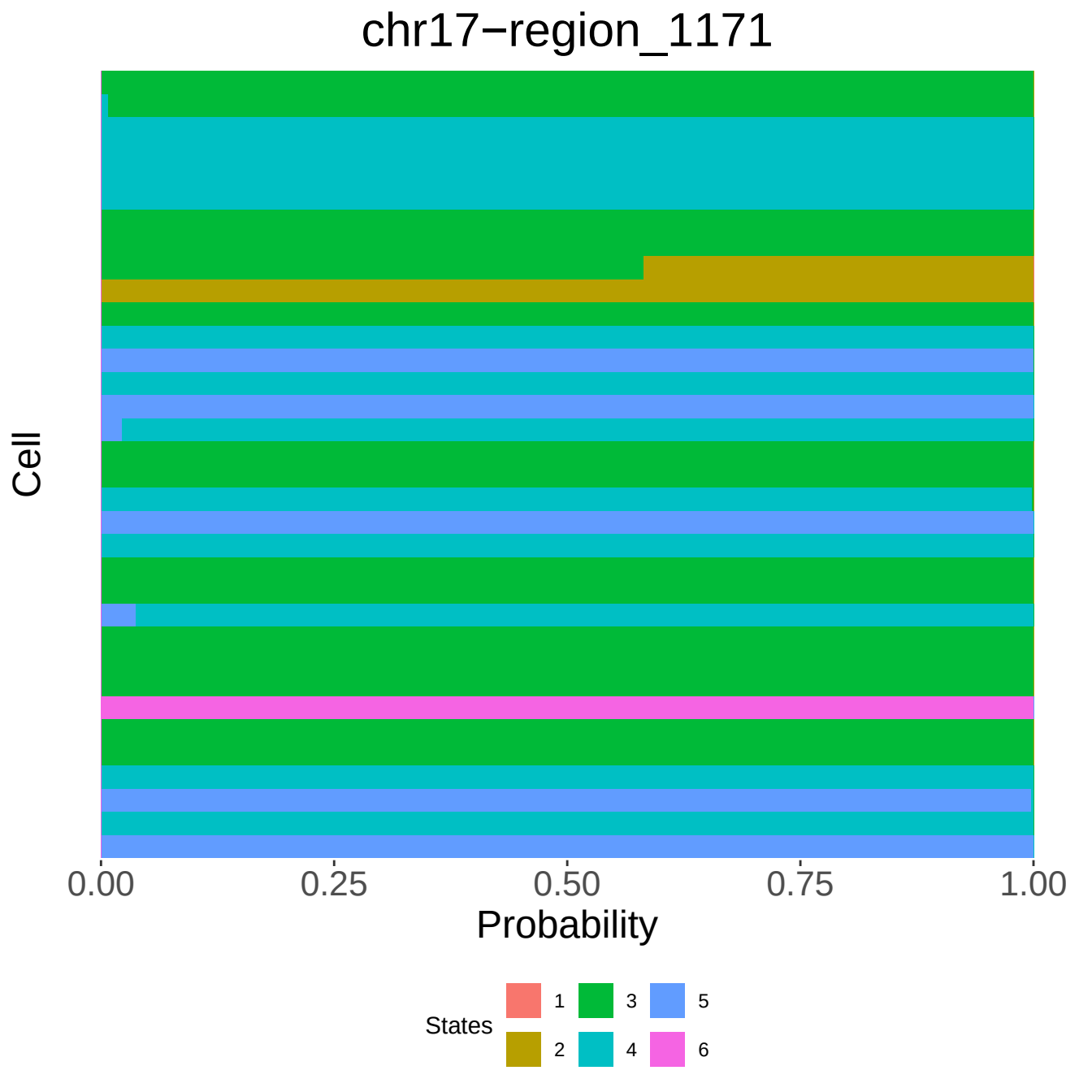
chr17−region_1171
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Probability
States
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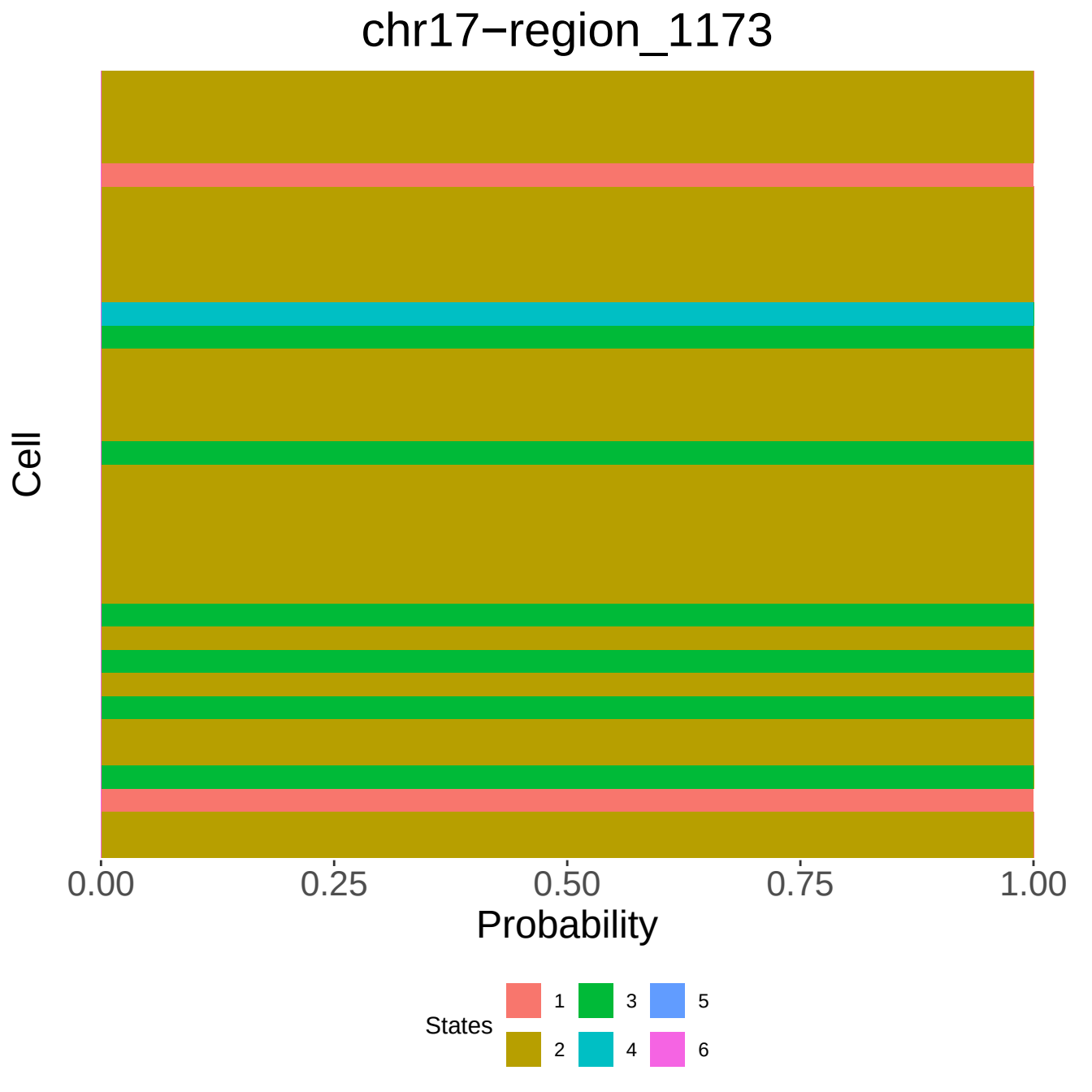
chr17−region_1173
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Probability
States
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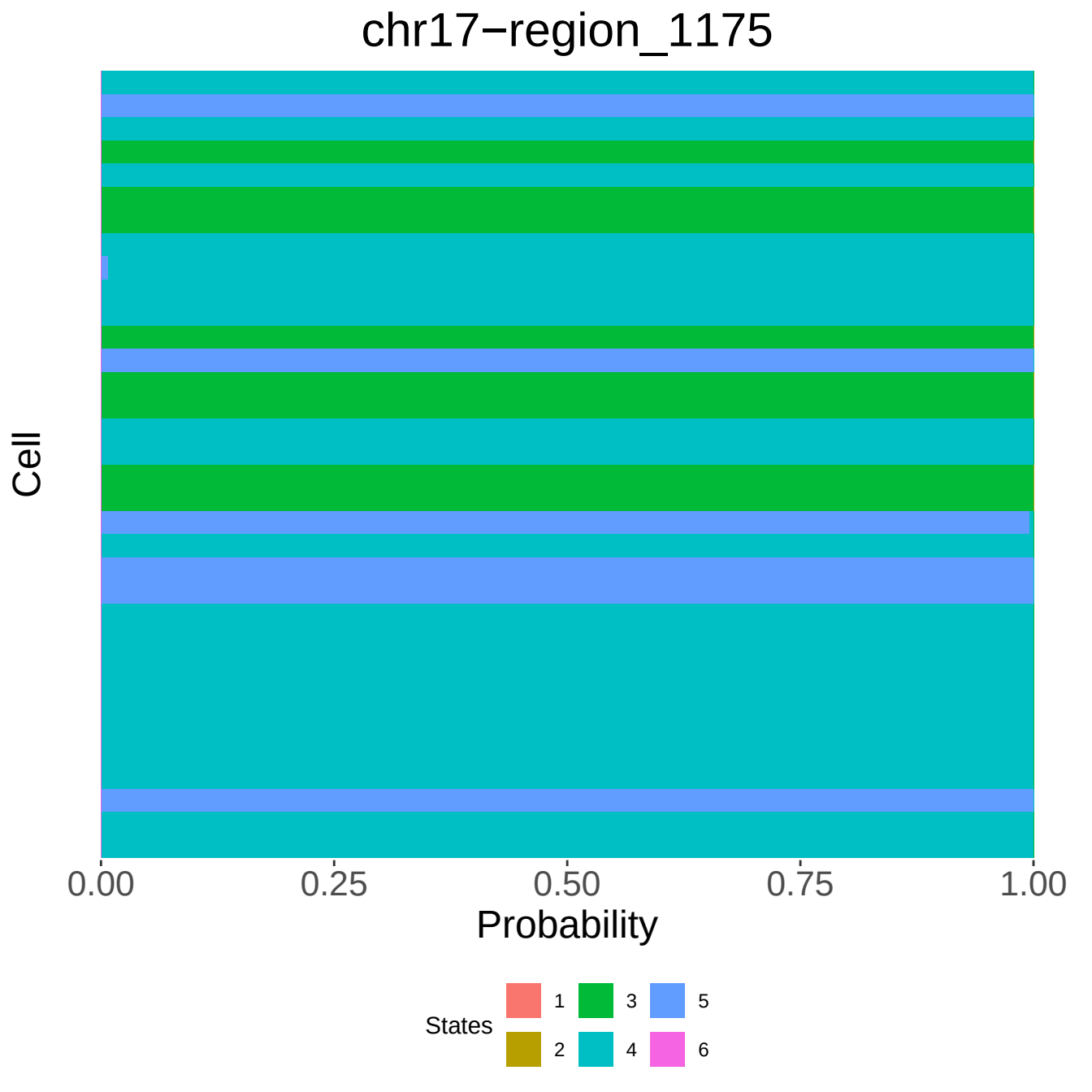
chr17−region_1175
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Probability
States
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4
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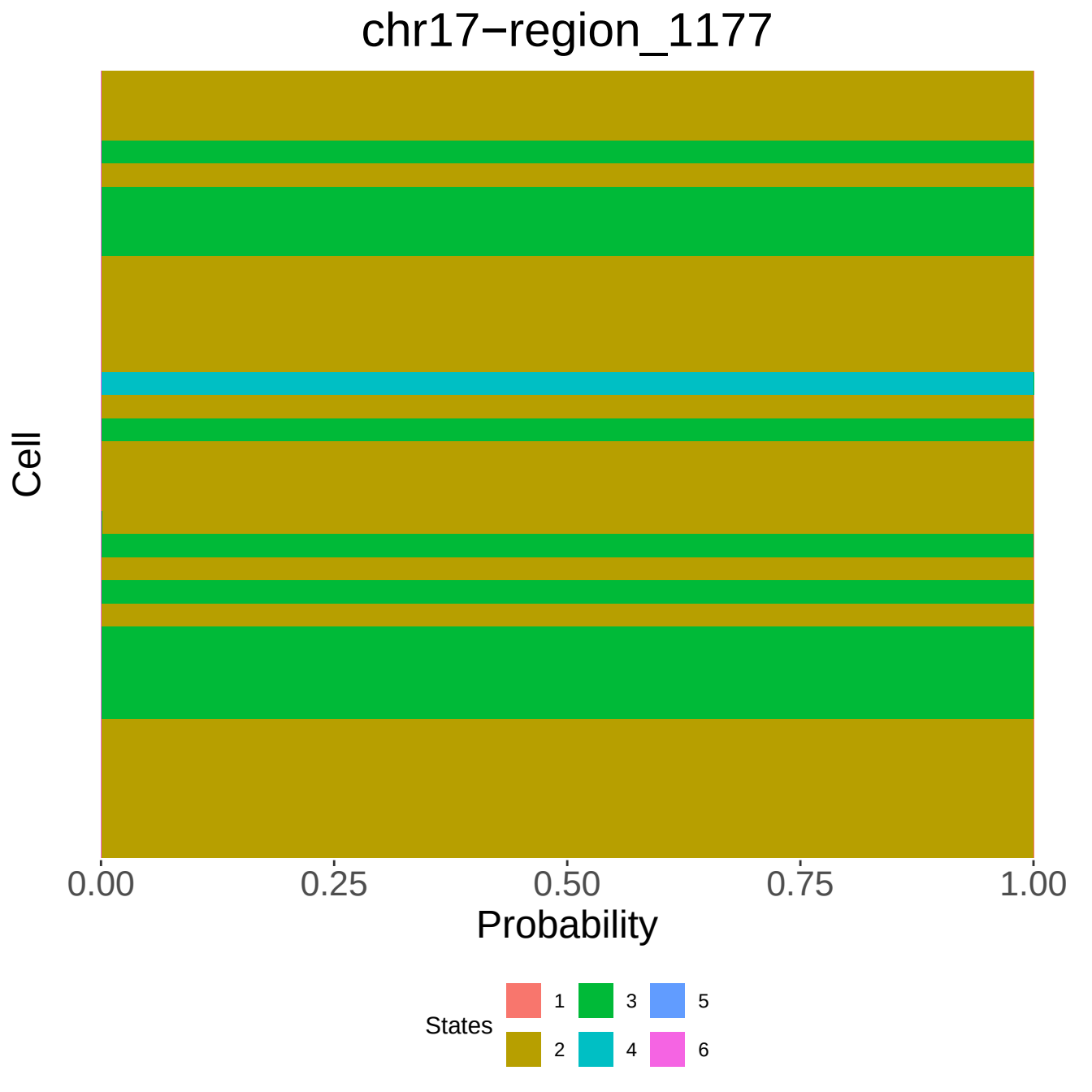
chr17−region_1177
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Probability
States
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3
4
5
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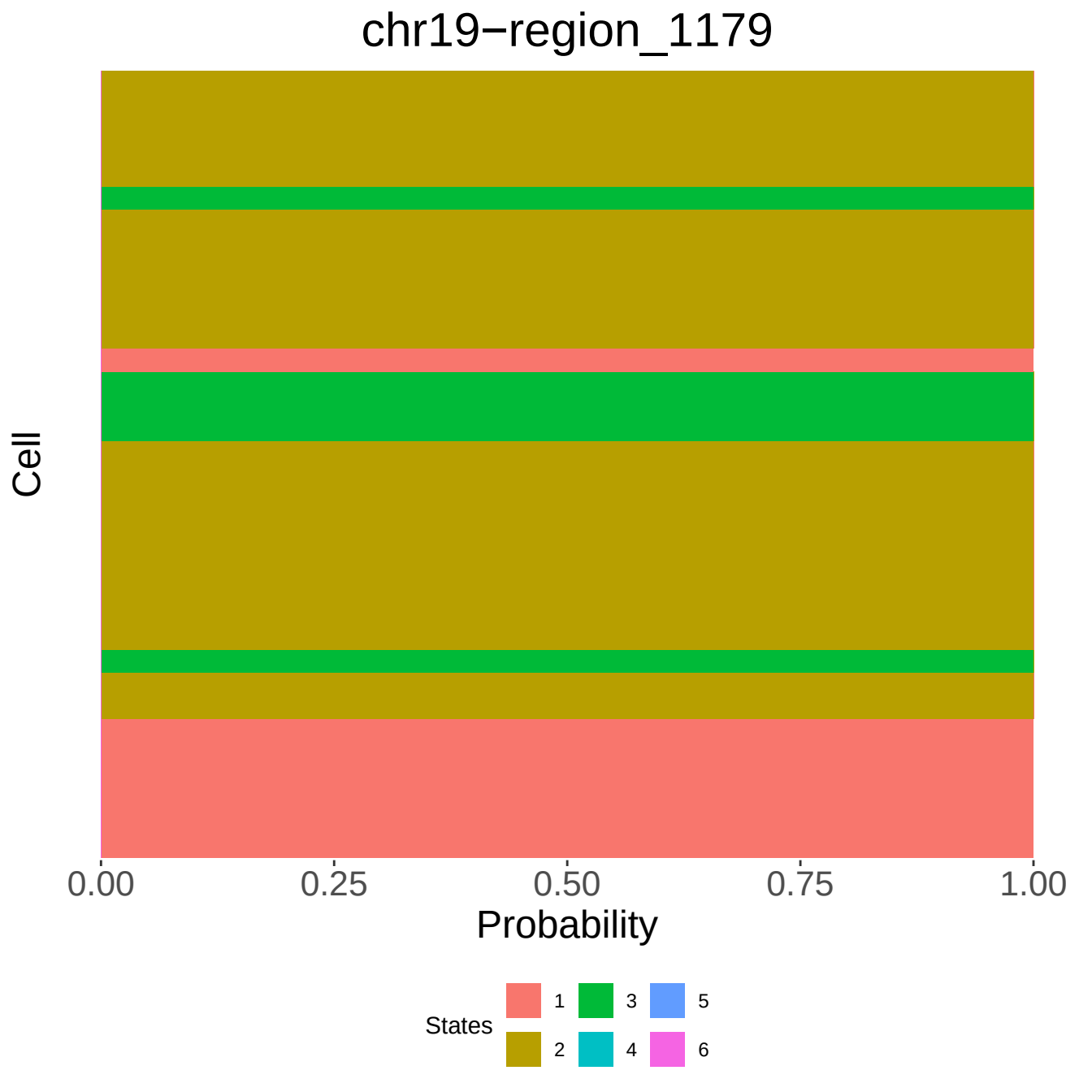
chr19−region_1179
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1.00
Probability
States
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3
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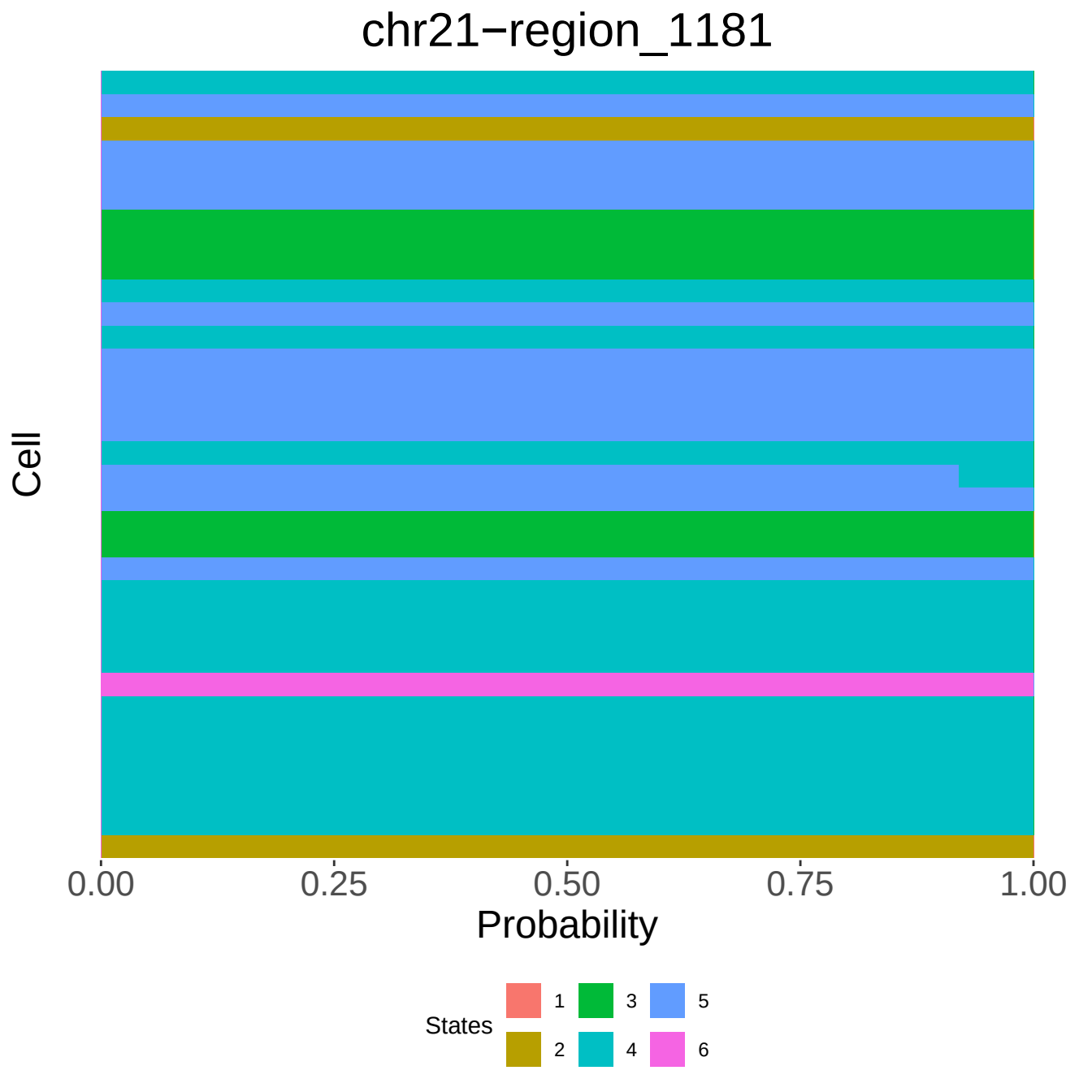
chr21−region_1181
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Probability
States
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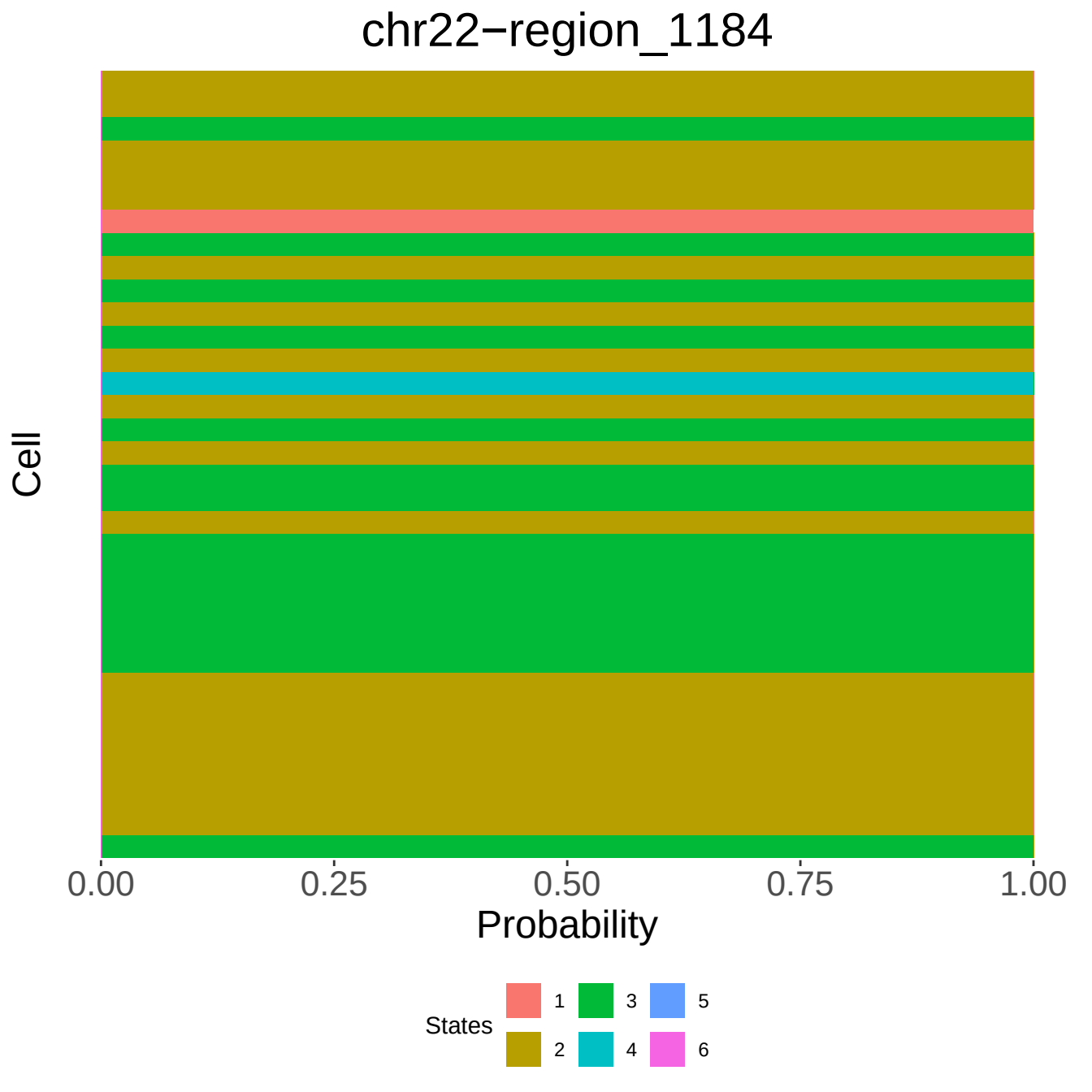
chr22−region_1184
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Probability
States
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2
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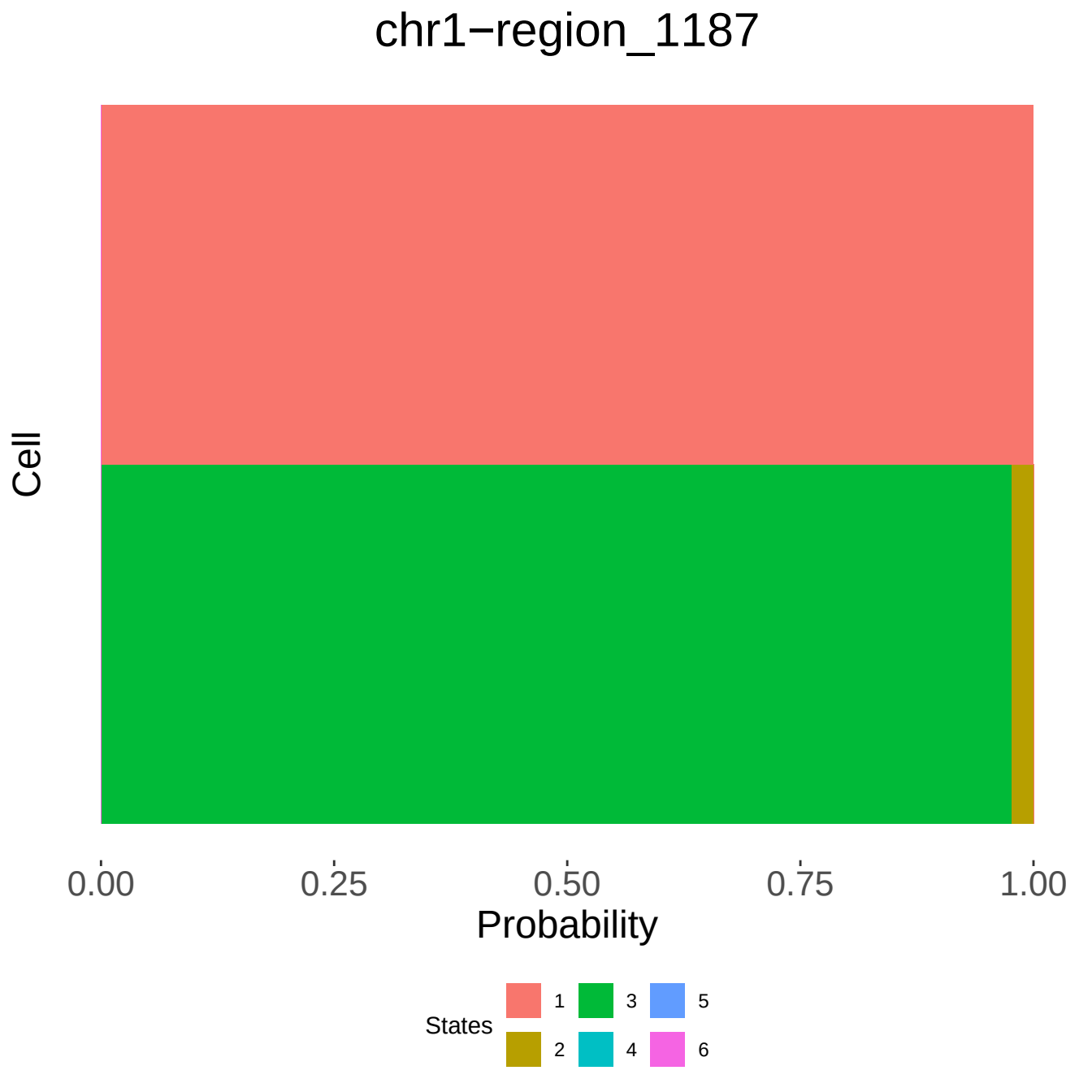
chr1−region_1187
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Probability
States
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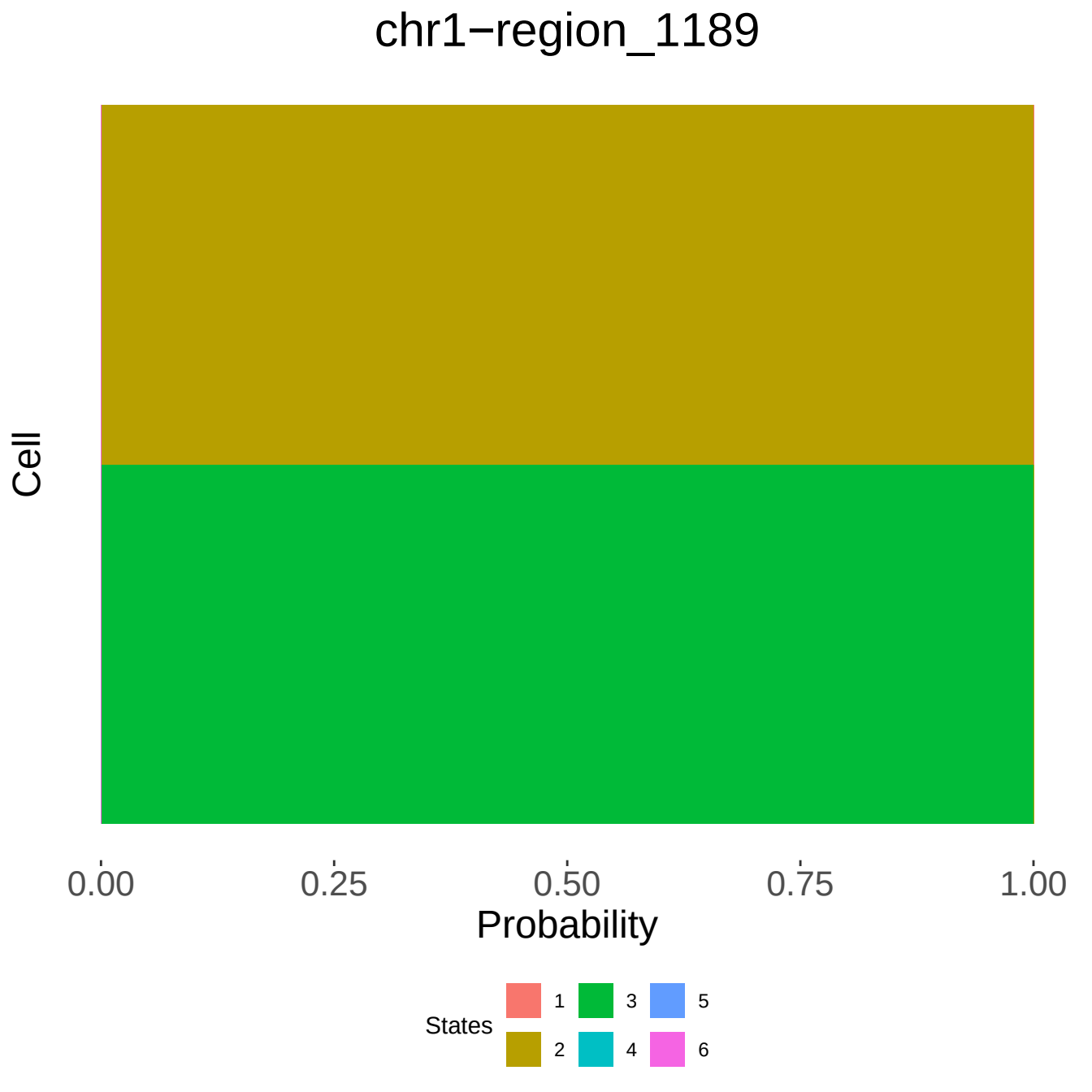
chr1−region_1189
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Probability
States
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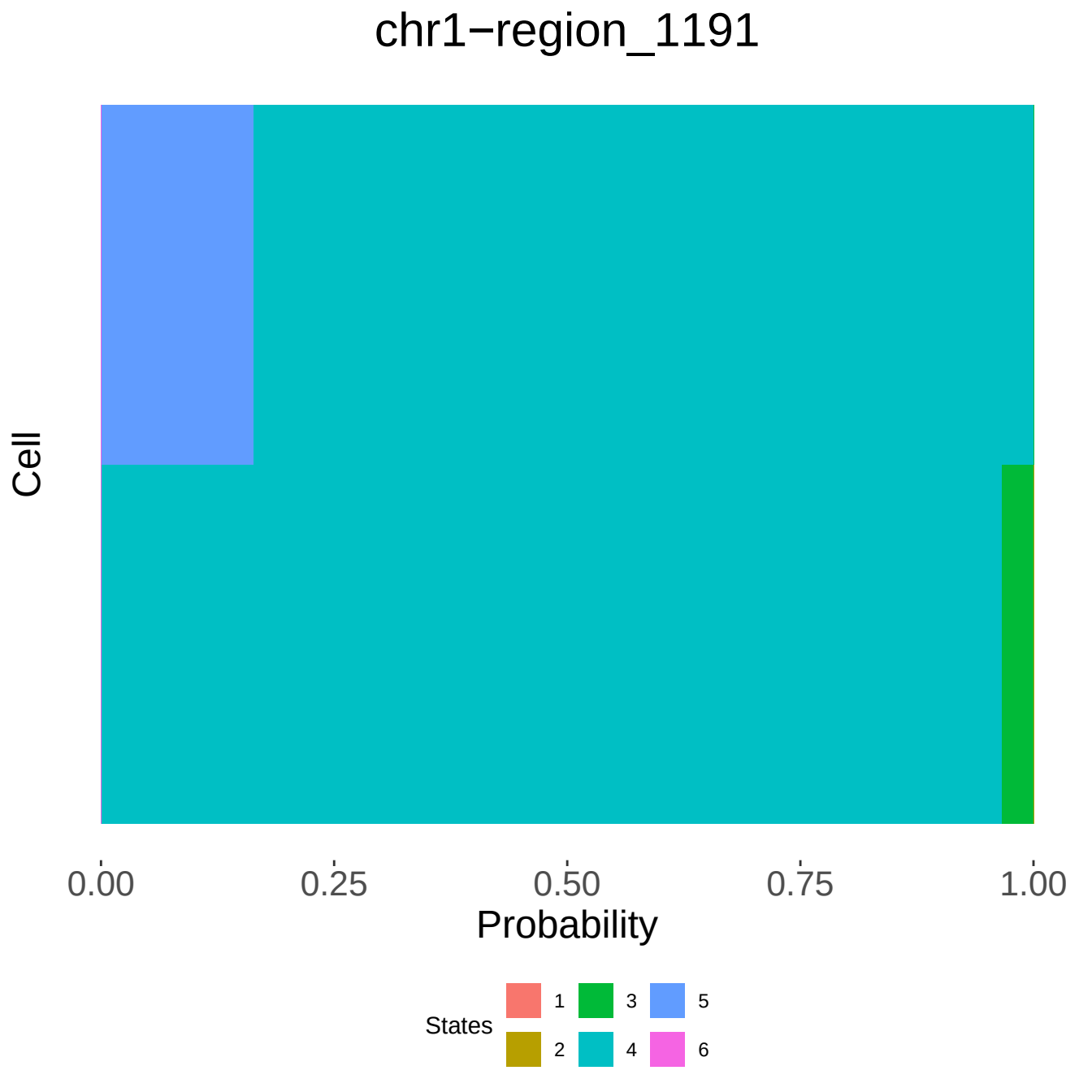
chr1−region_1191
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0.75
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Probability
States
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4
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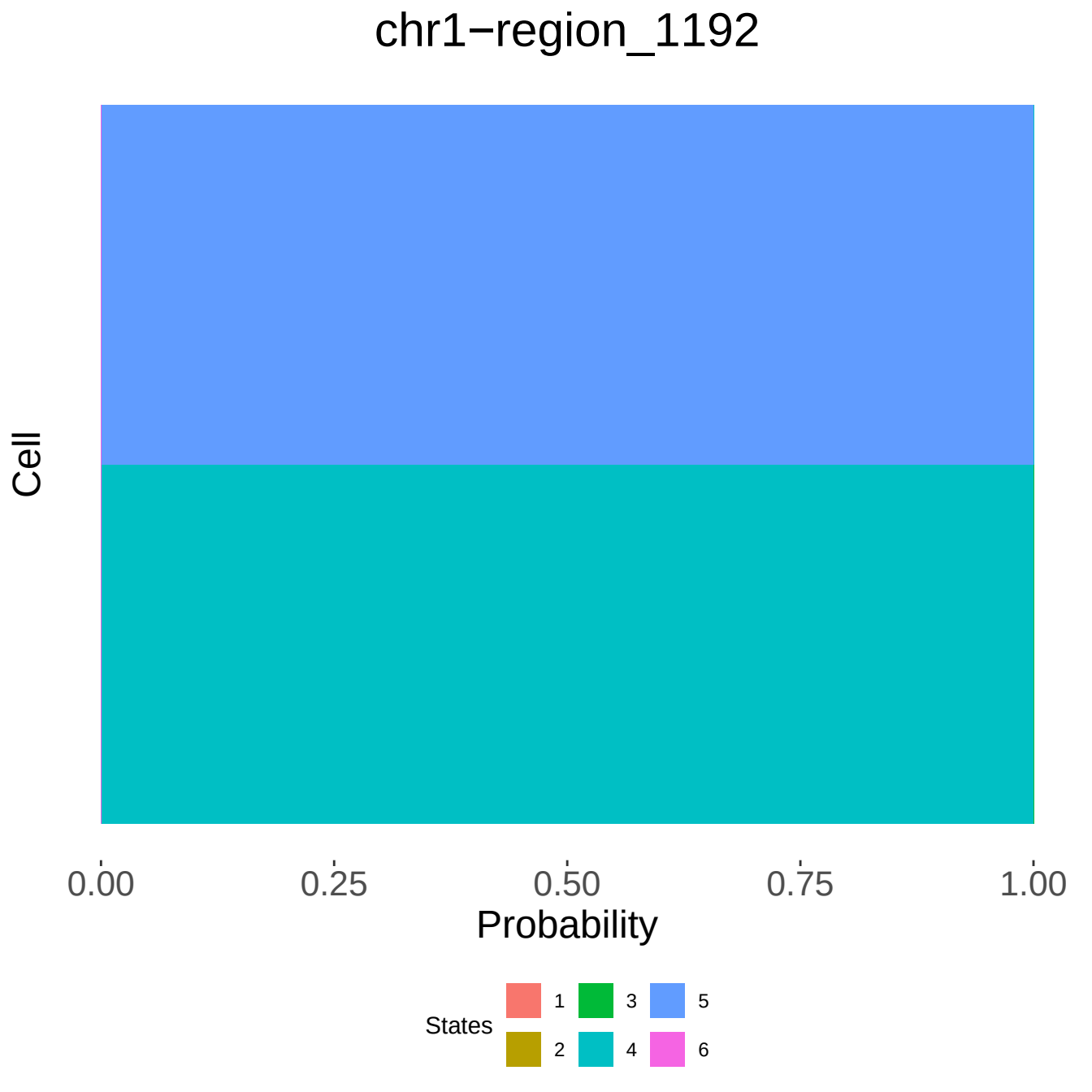
chr1−region_1192
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Probability
States
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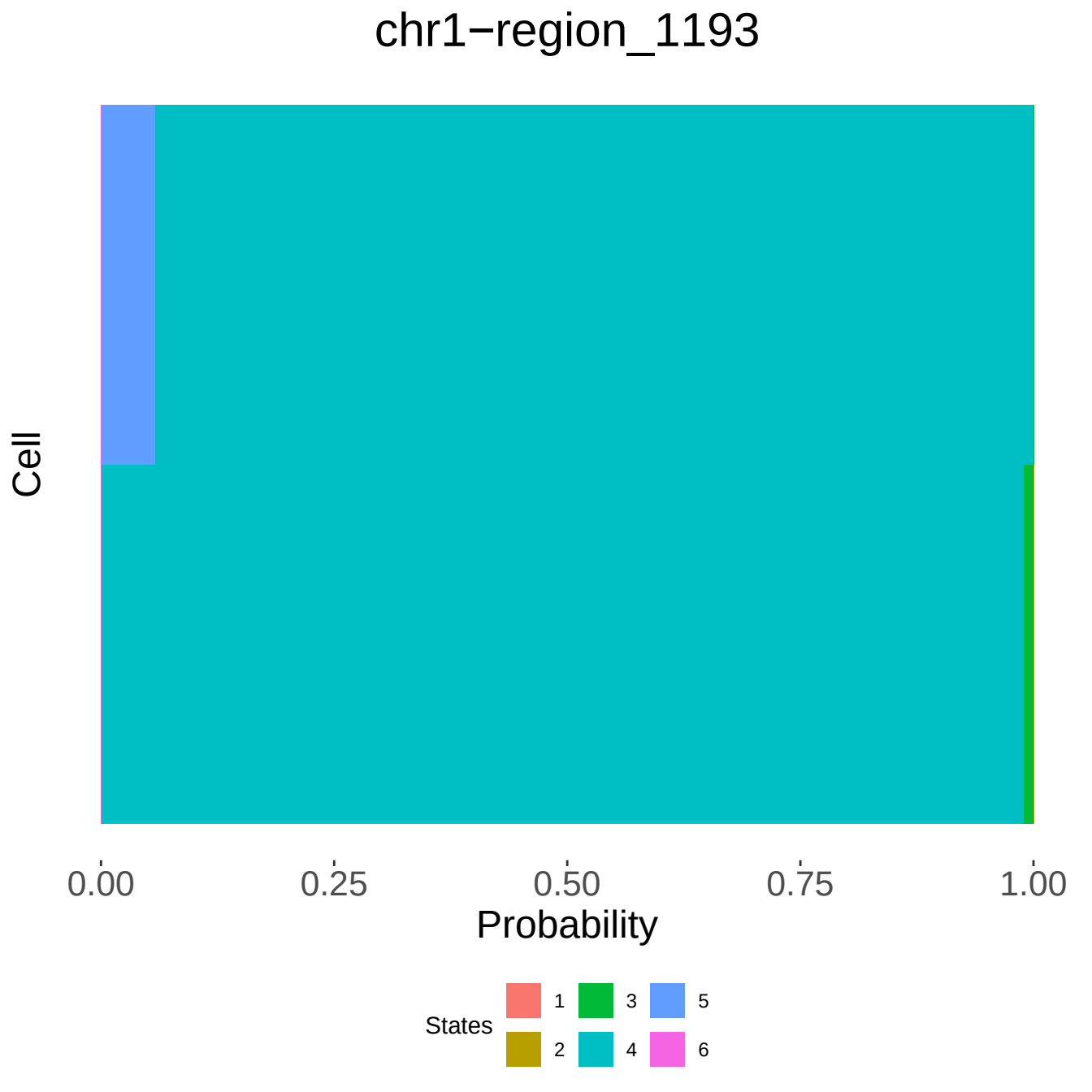
chr1−region_1193
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Probability
States
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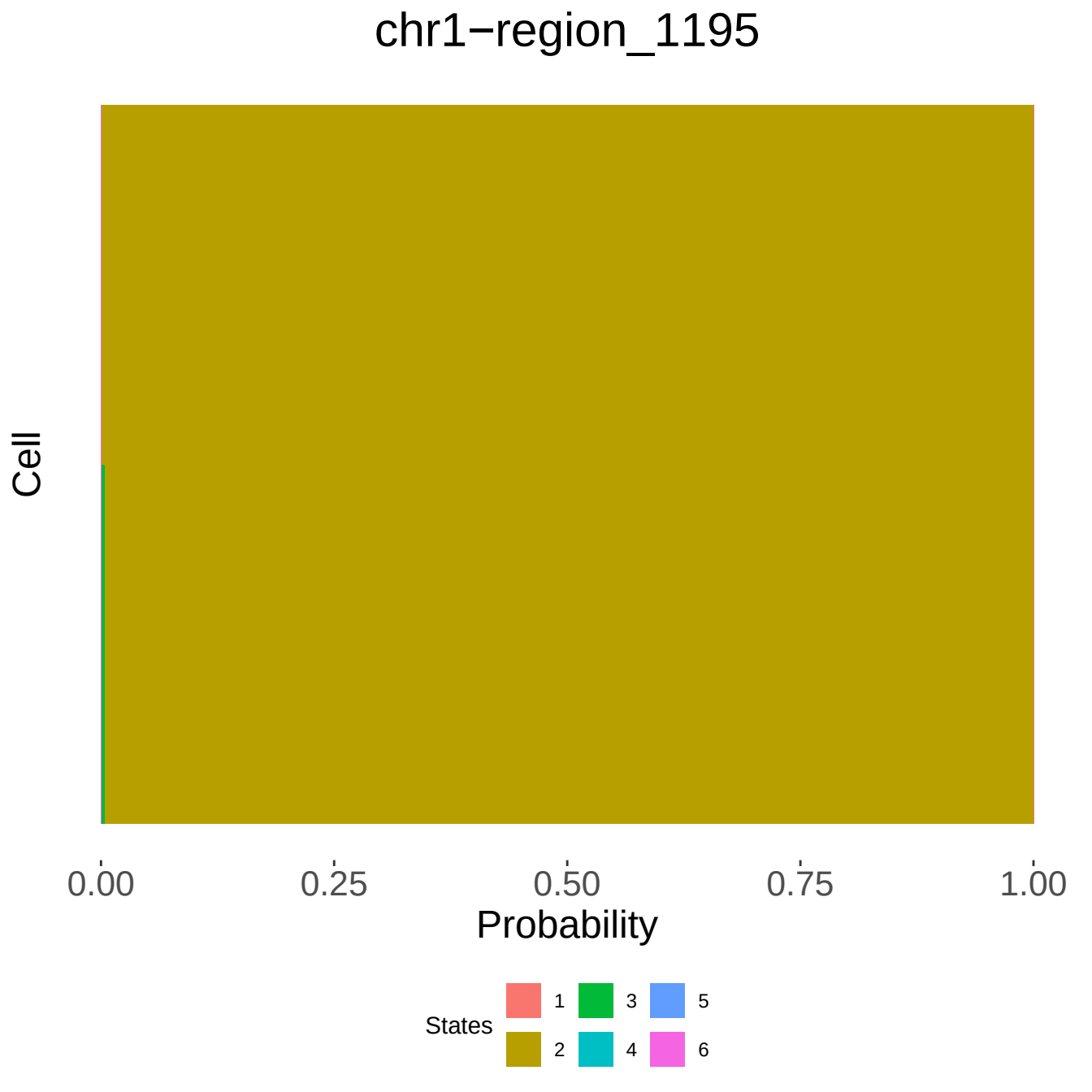
chr1−region_1195
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Probability
States
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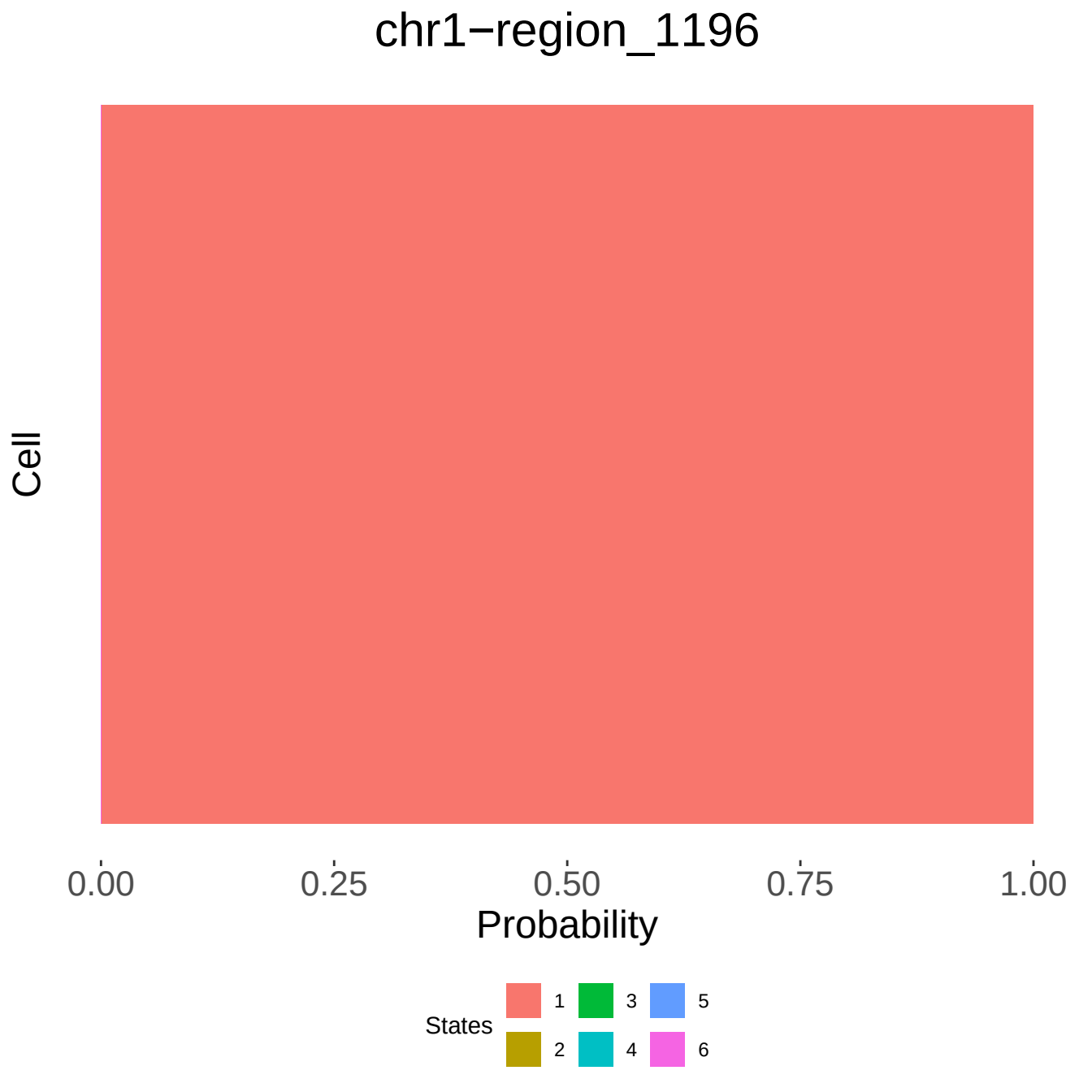
chr1−region_1196
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Probability
States
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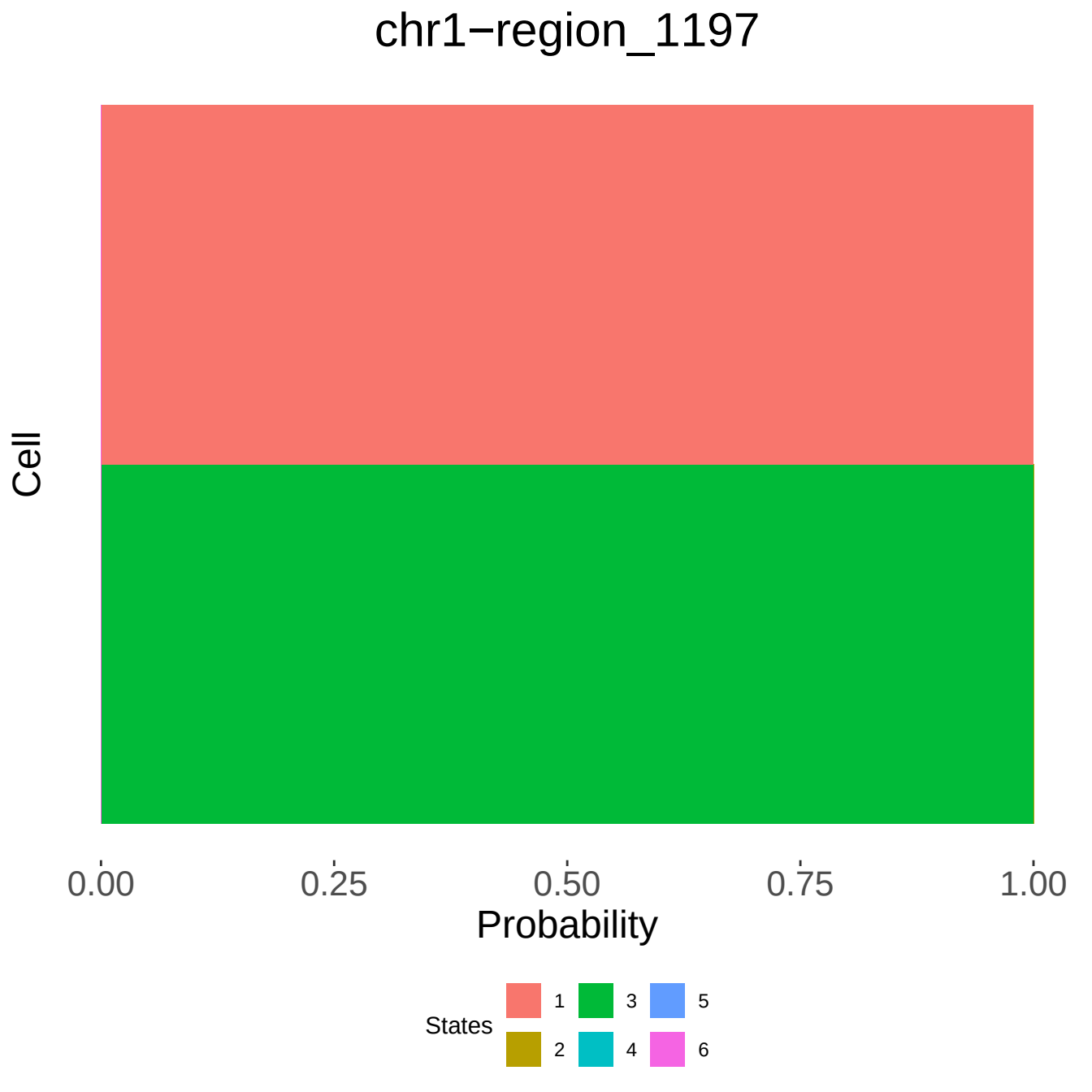
chr1−region_1197
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Probability
States
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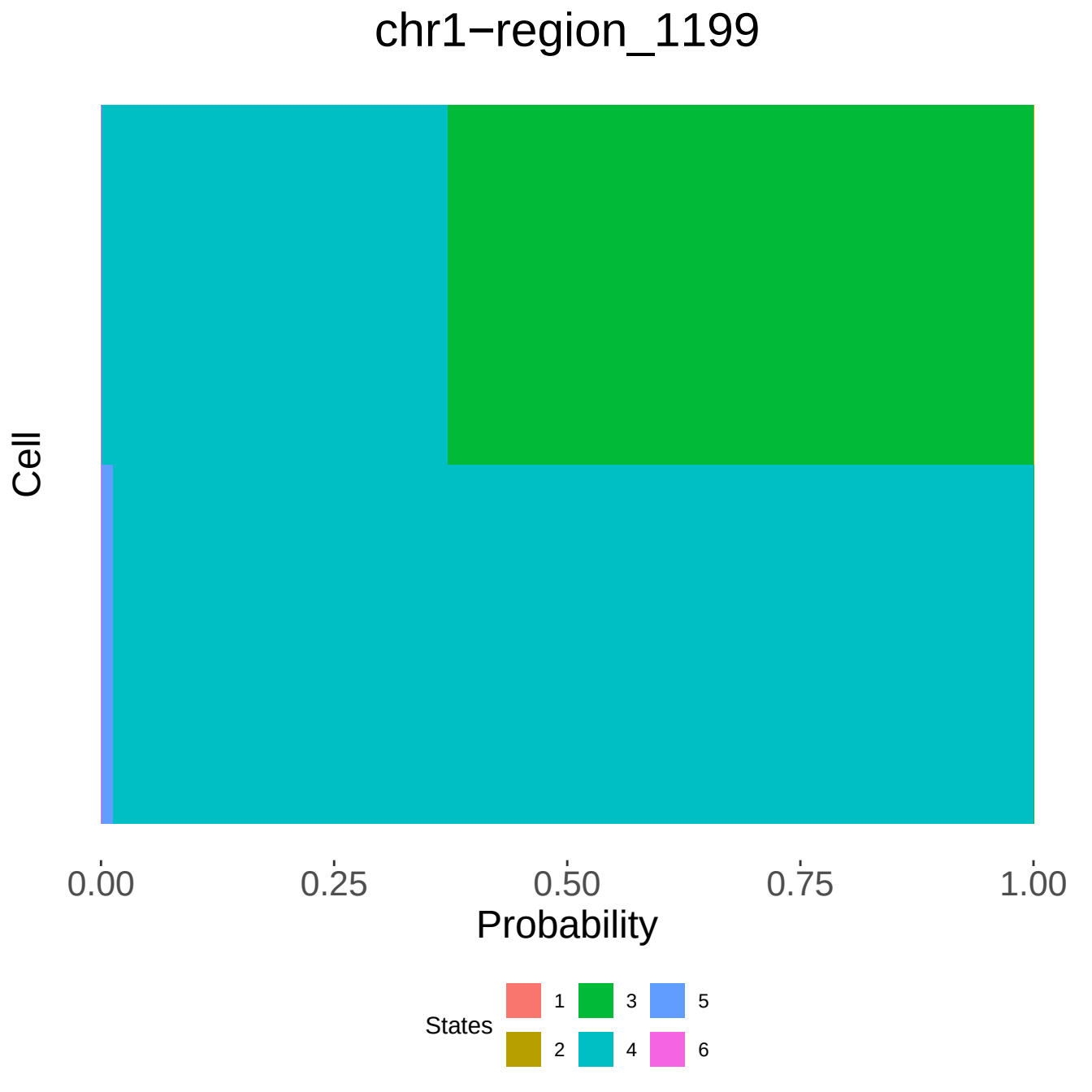
chr1−region_1199
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Probability
States
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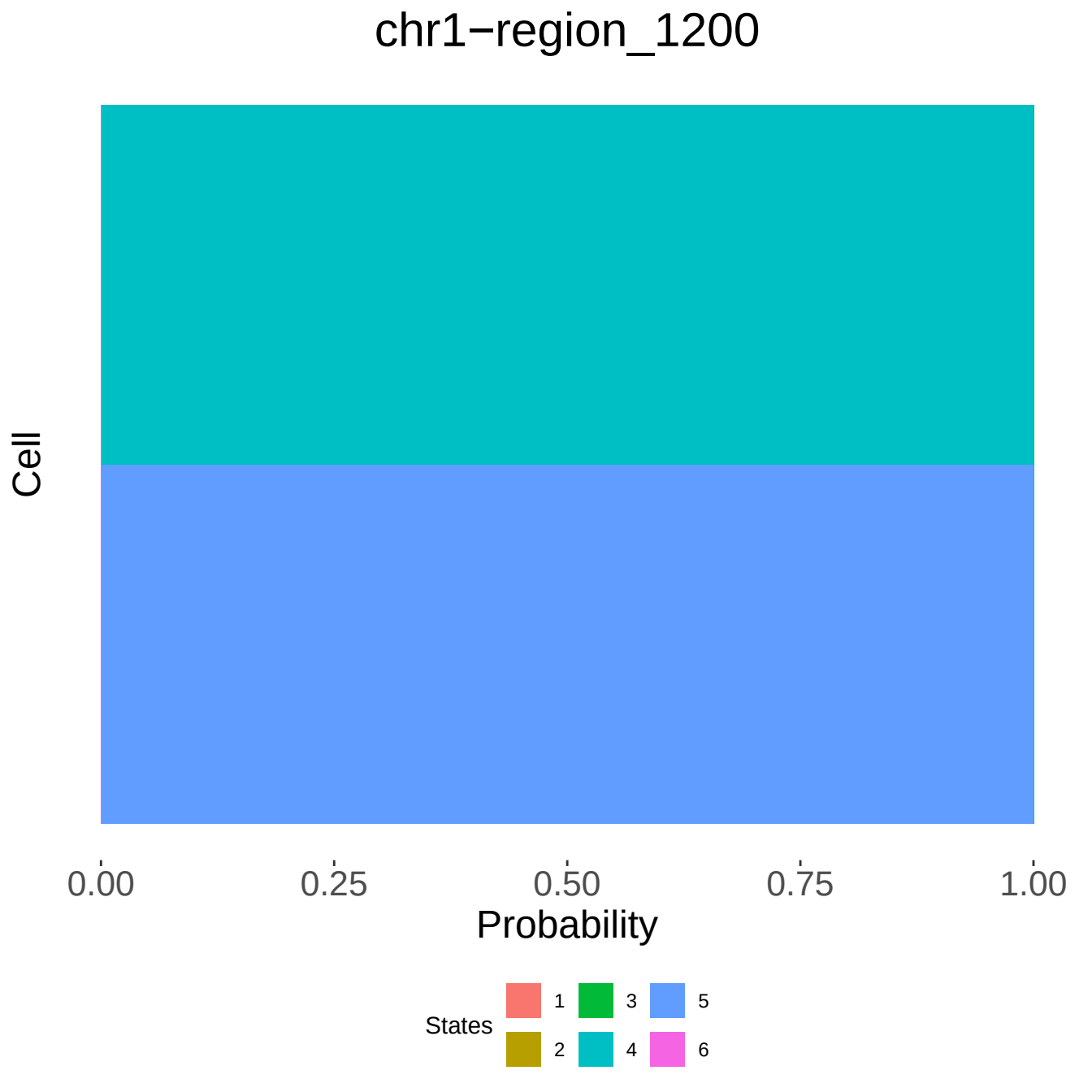
chr1−region_1200
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Probability
States
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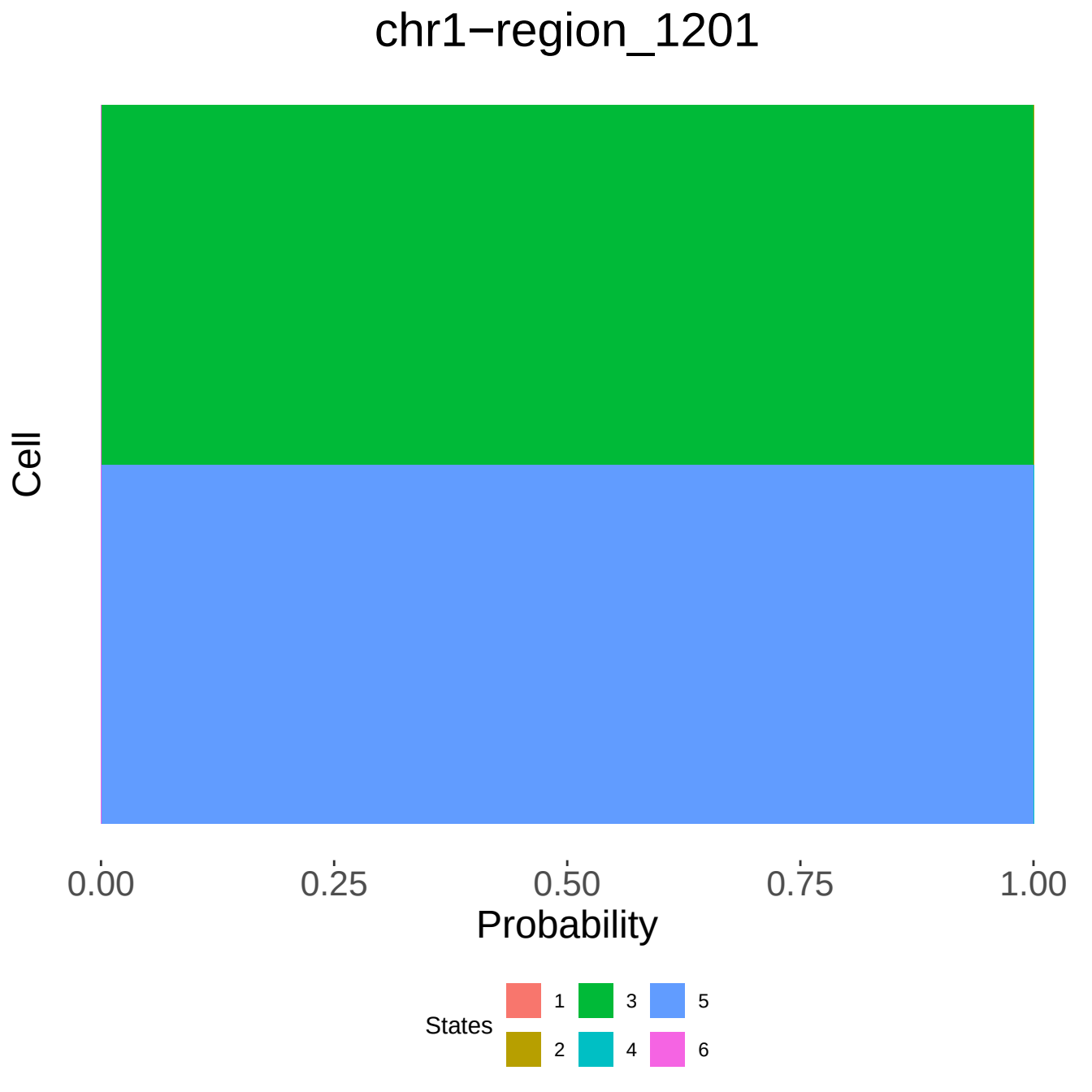
chr1−region_1201
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Probability
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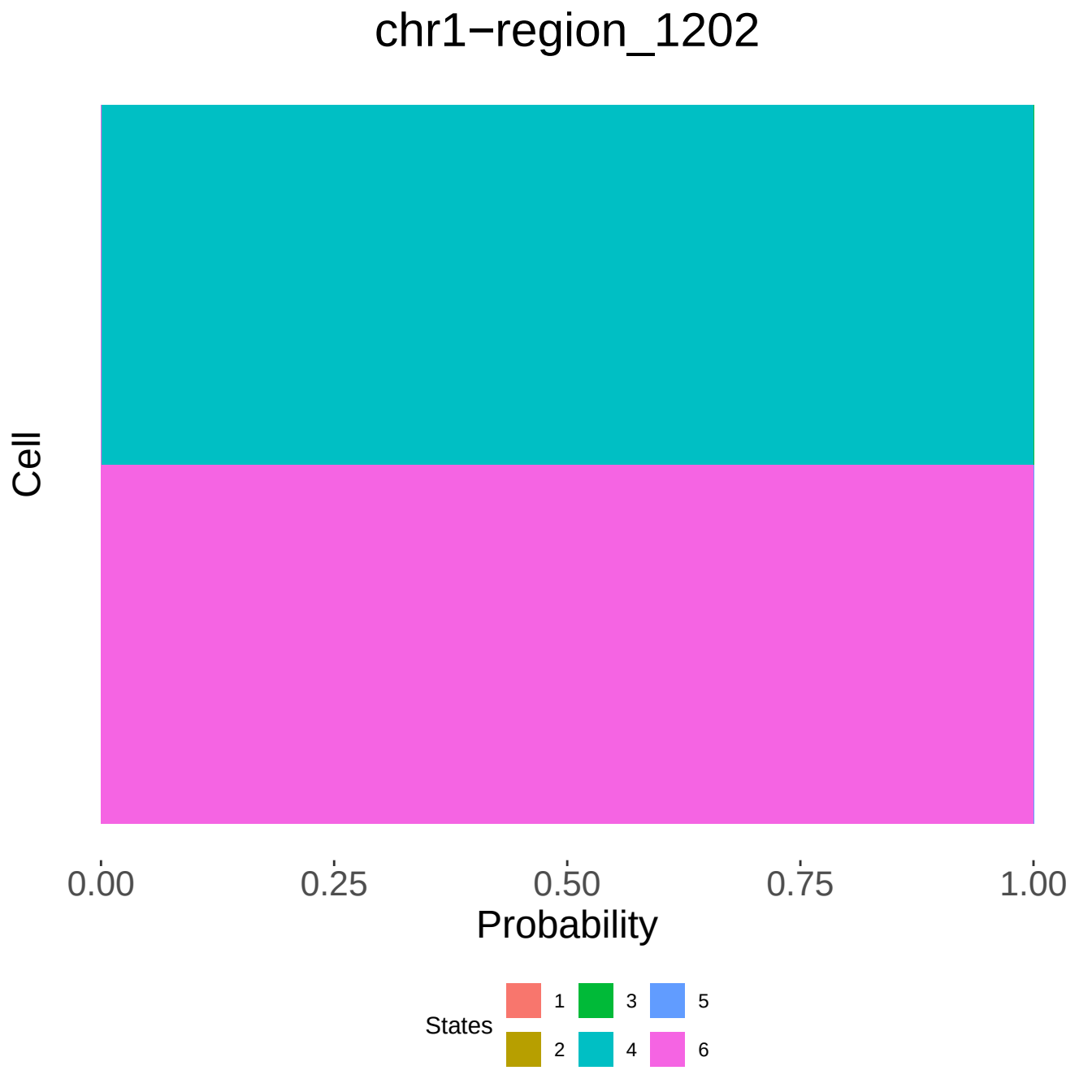
chr1−region_1202
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Probability
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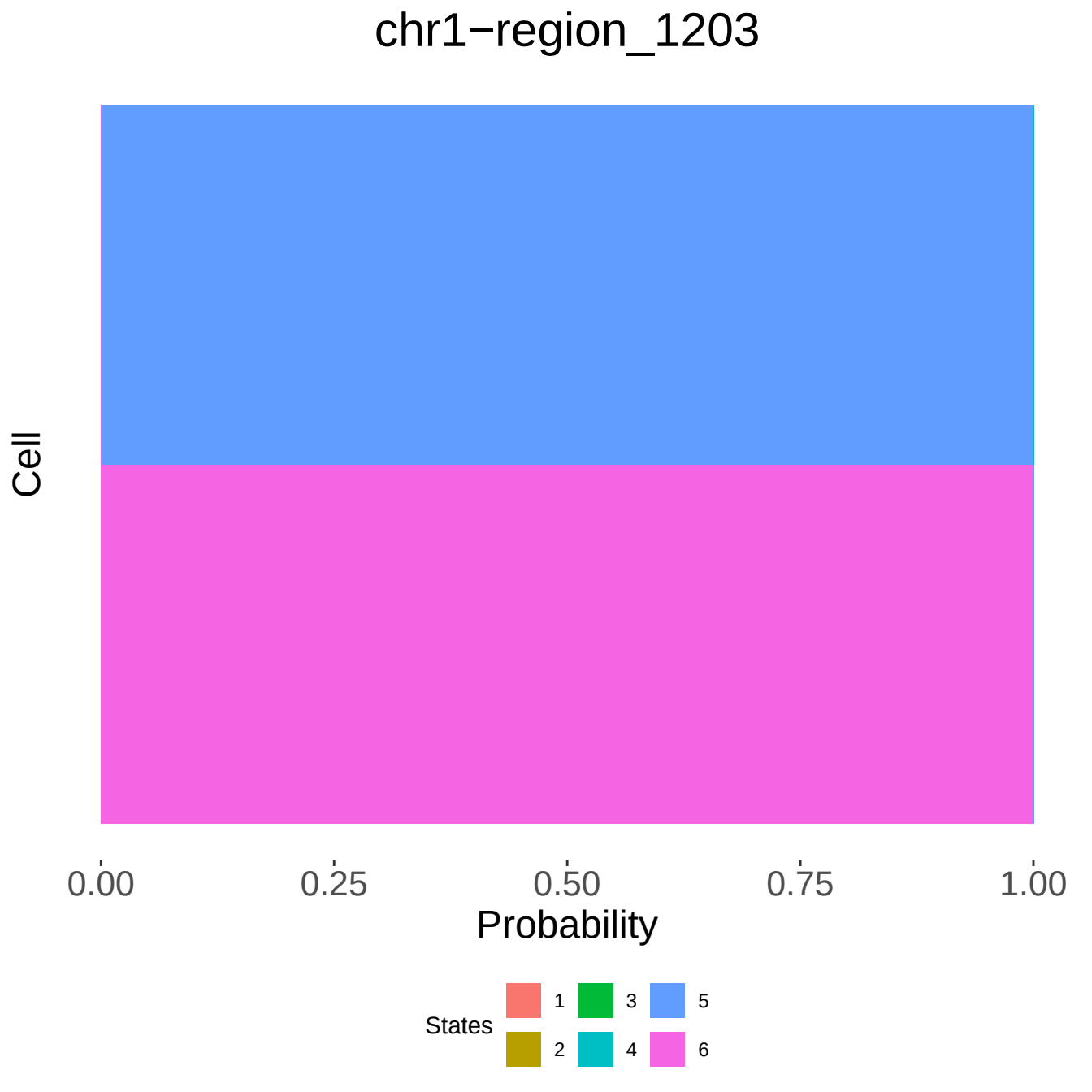
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Probability
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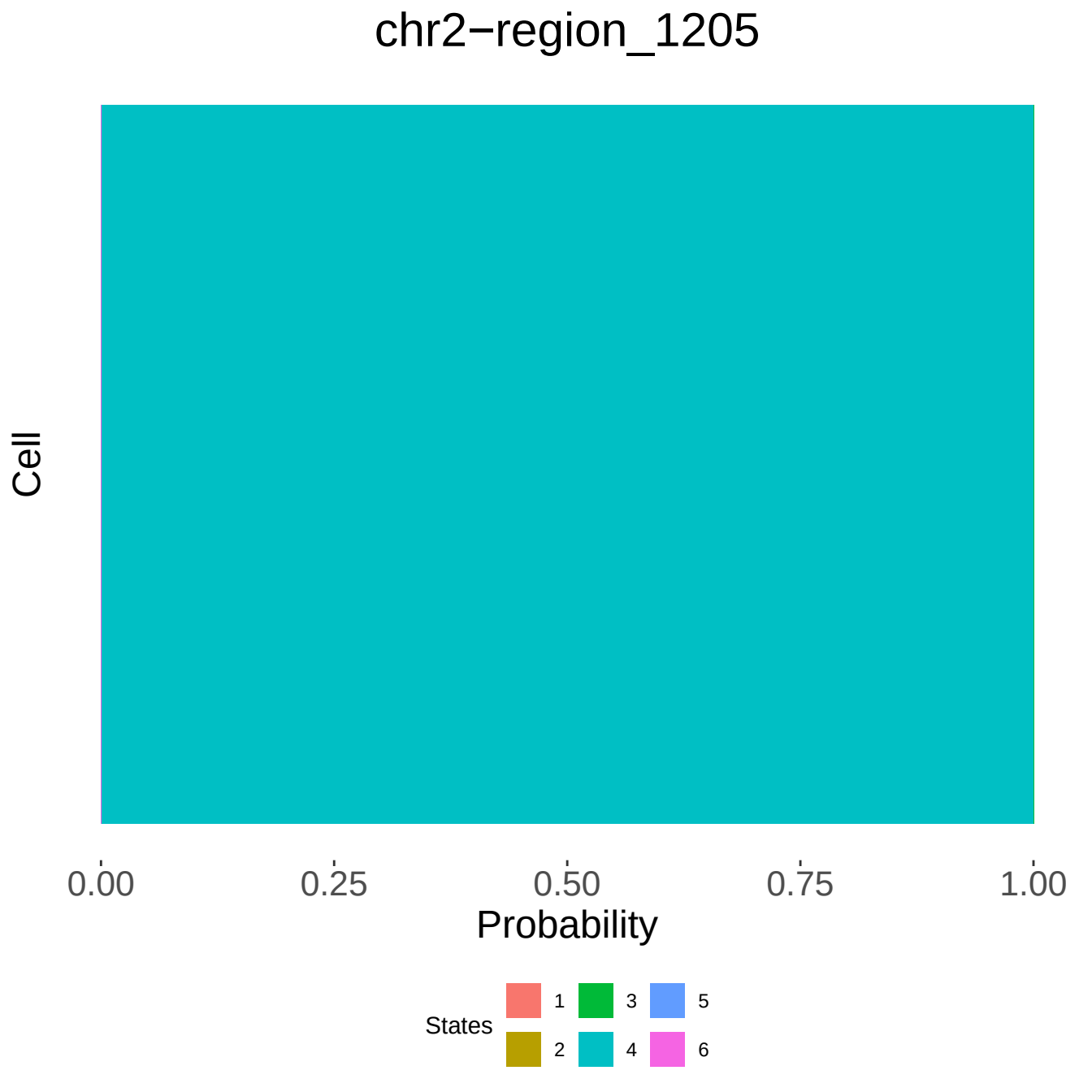
chr2−region_1205
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Probability
States
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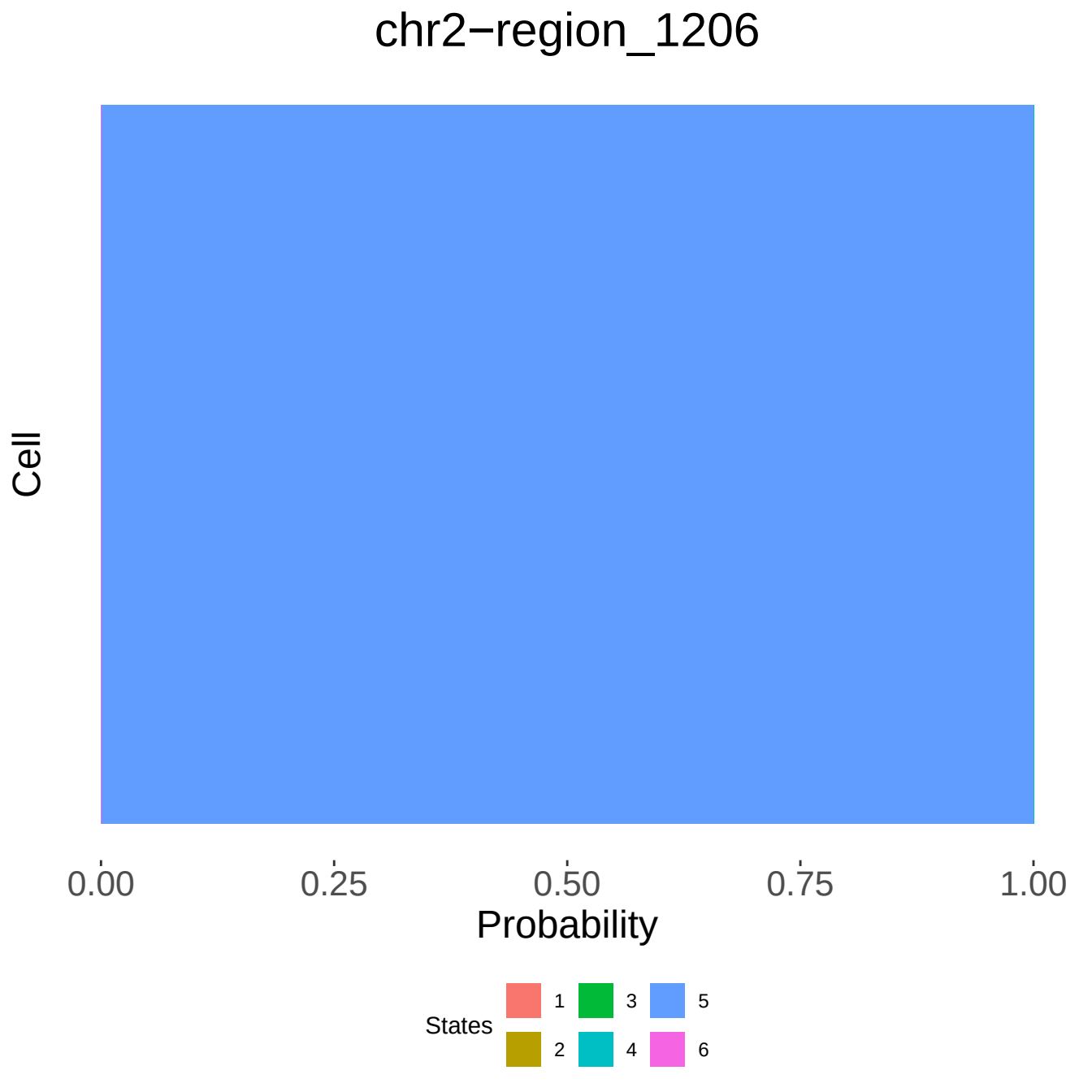
chr2−region_1206
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Probability
States
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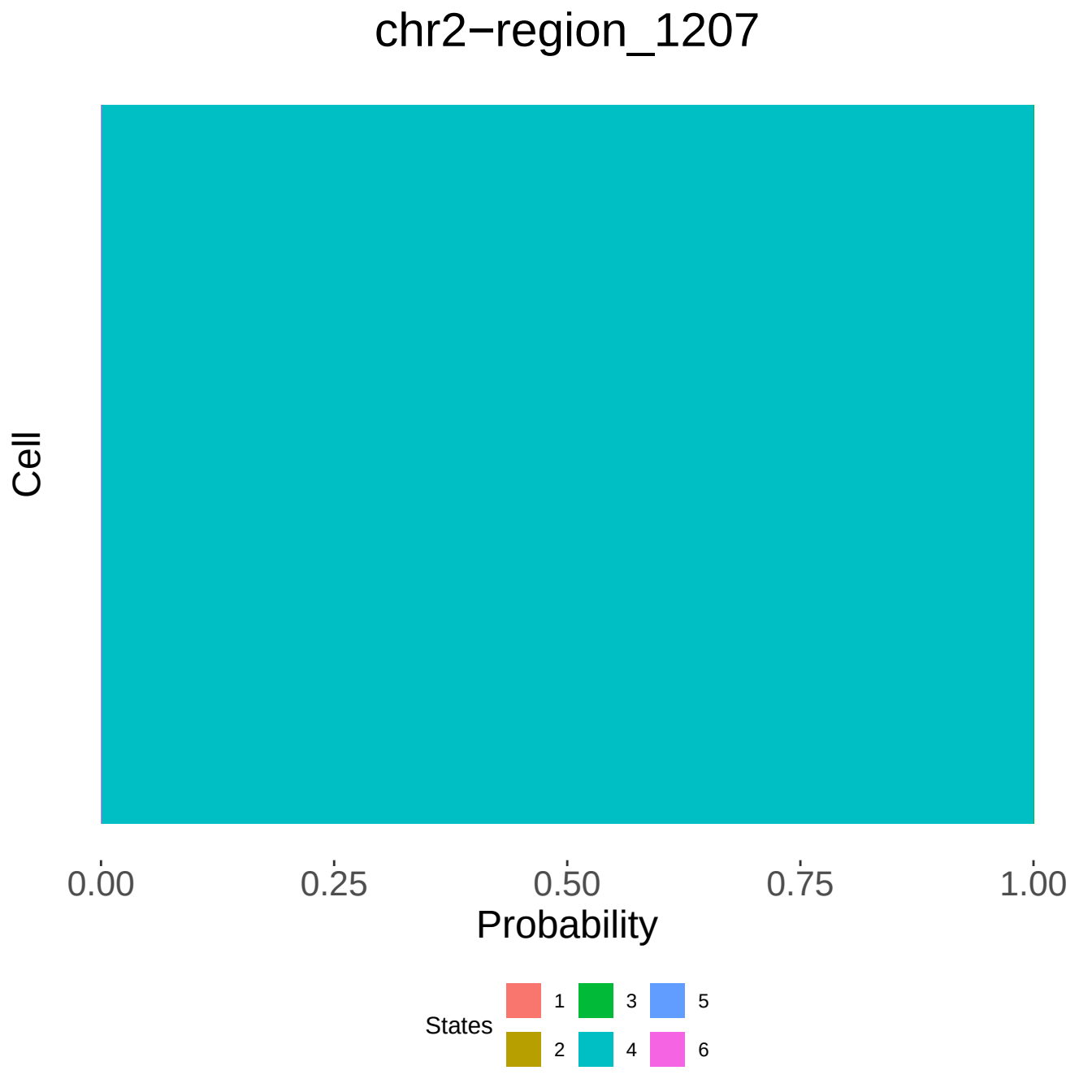
chr2−region_1207
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Probability
States
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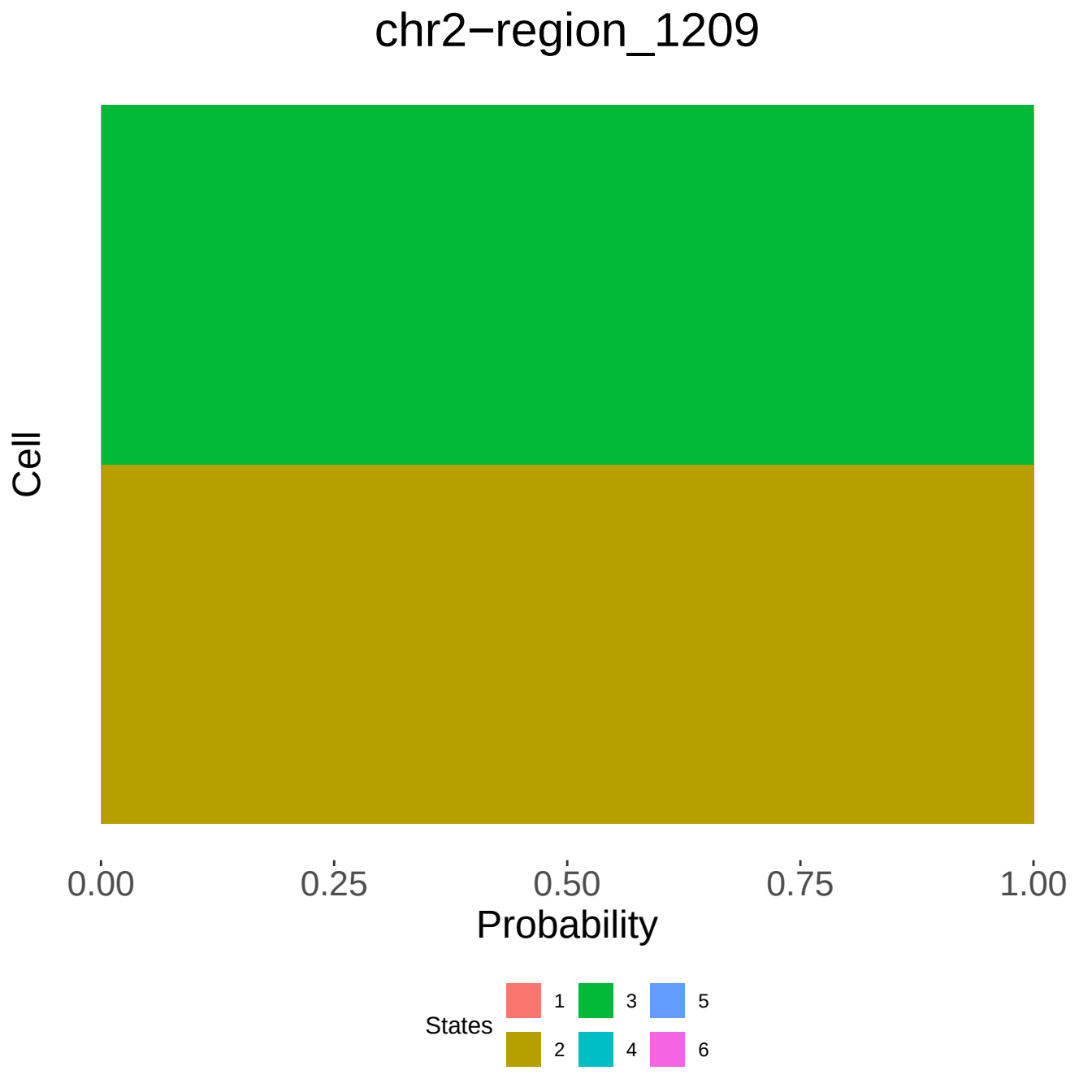
chr2−region_1209
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Probability
States
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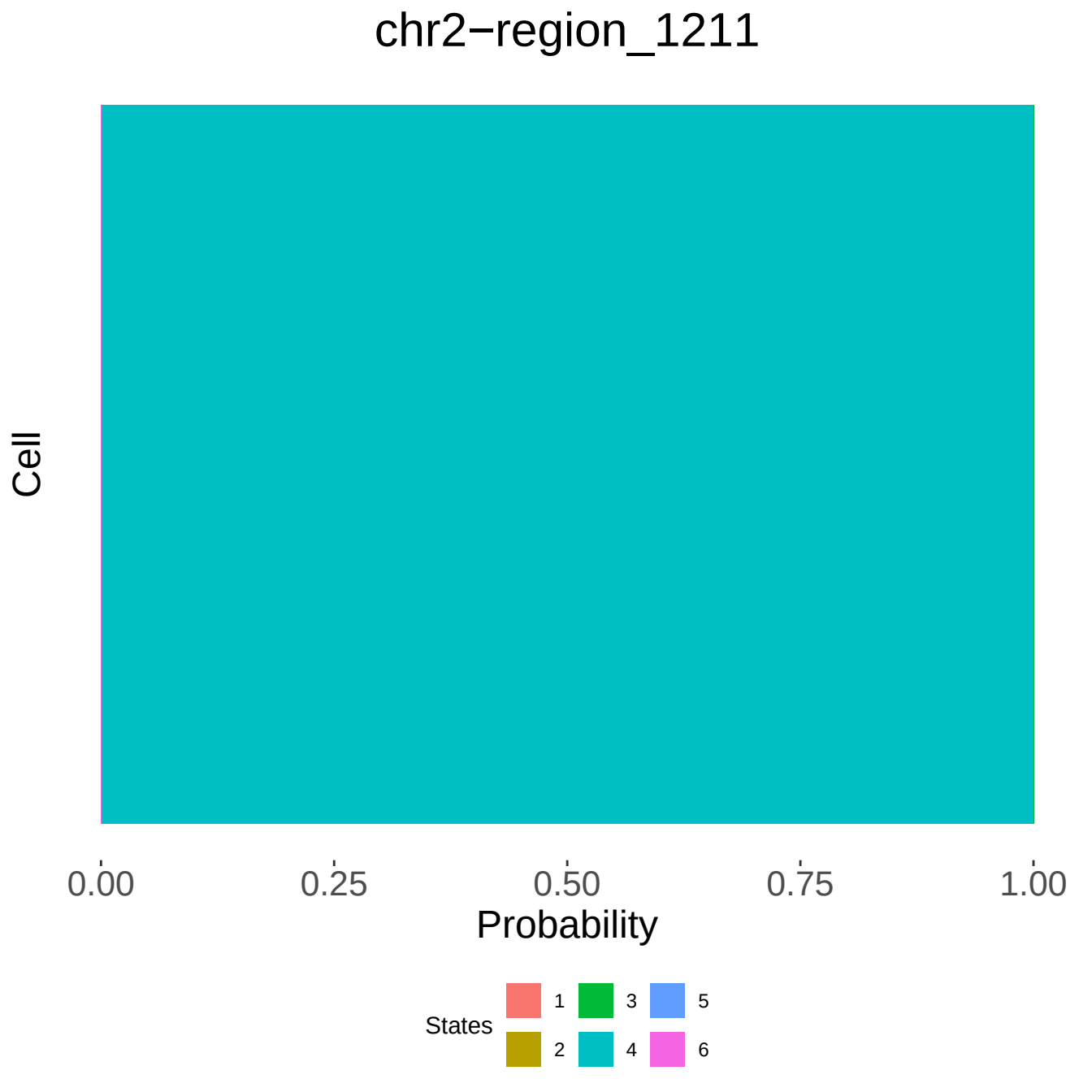
chr2−region_1211
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Probability
States
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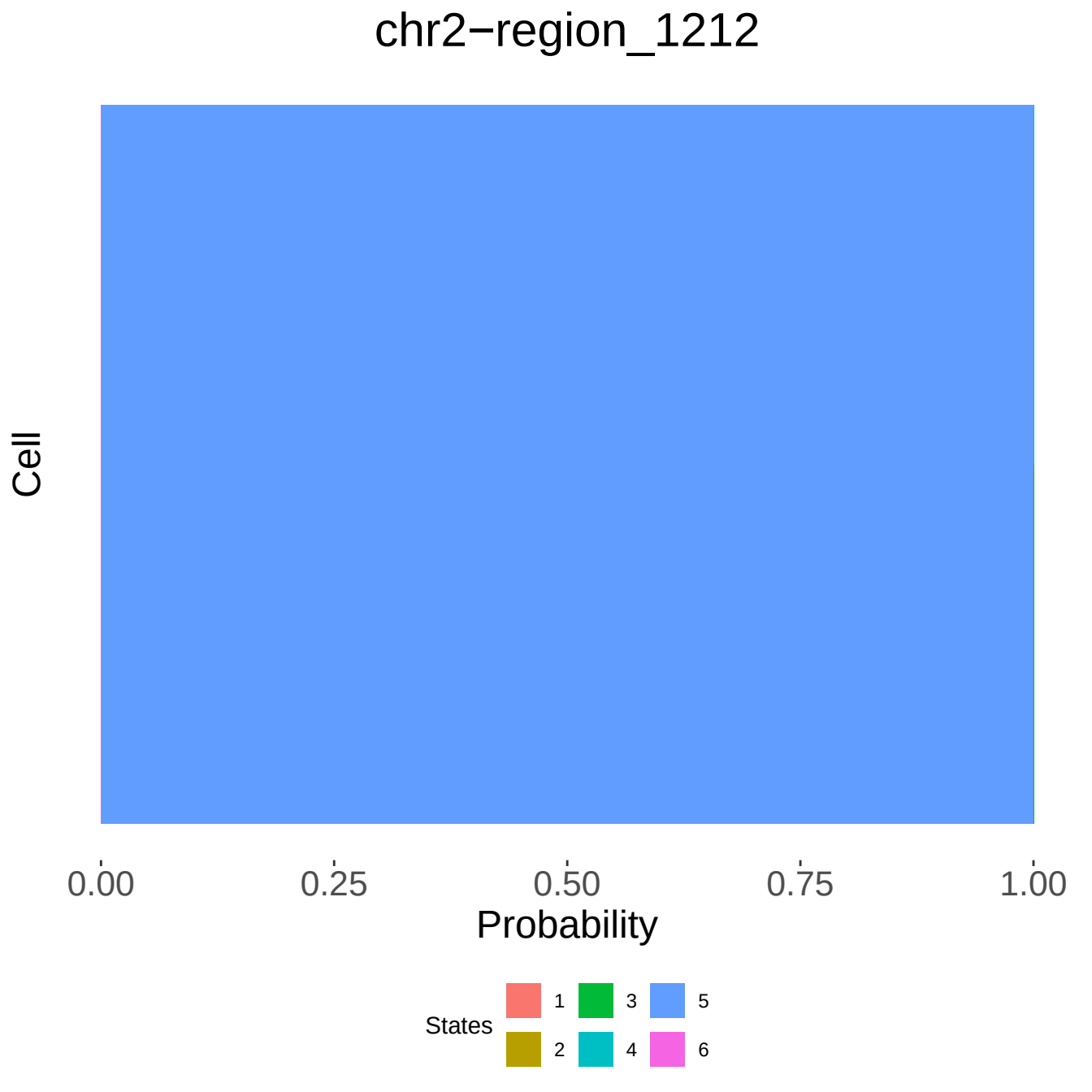
chr2−region_1212
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Probability
States
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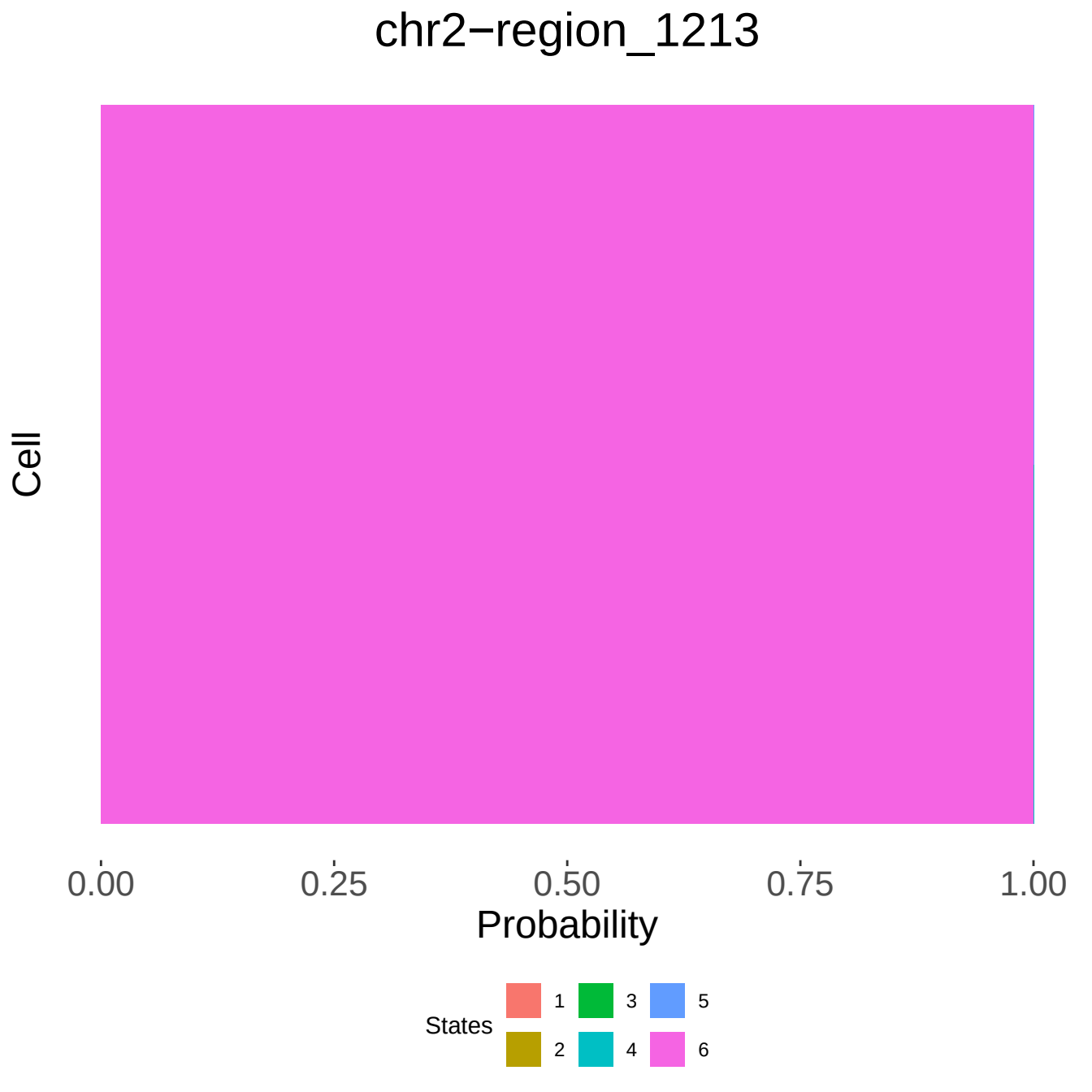
chr2−region_1213
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Probability
States
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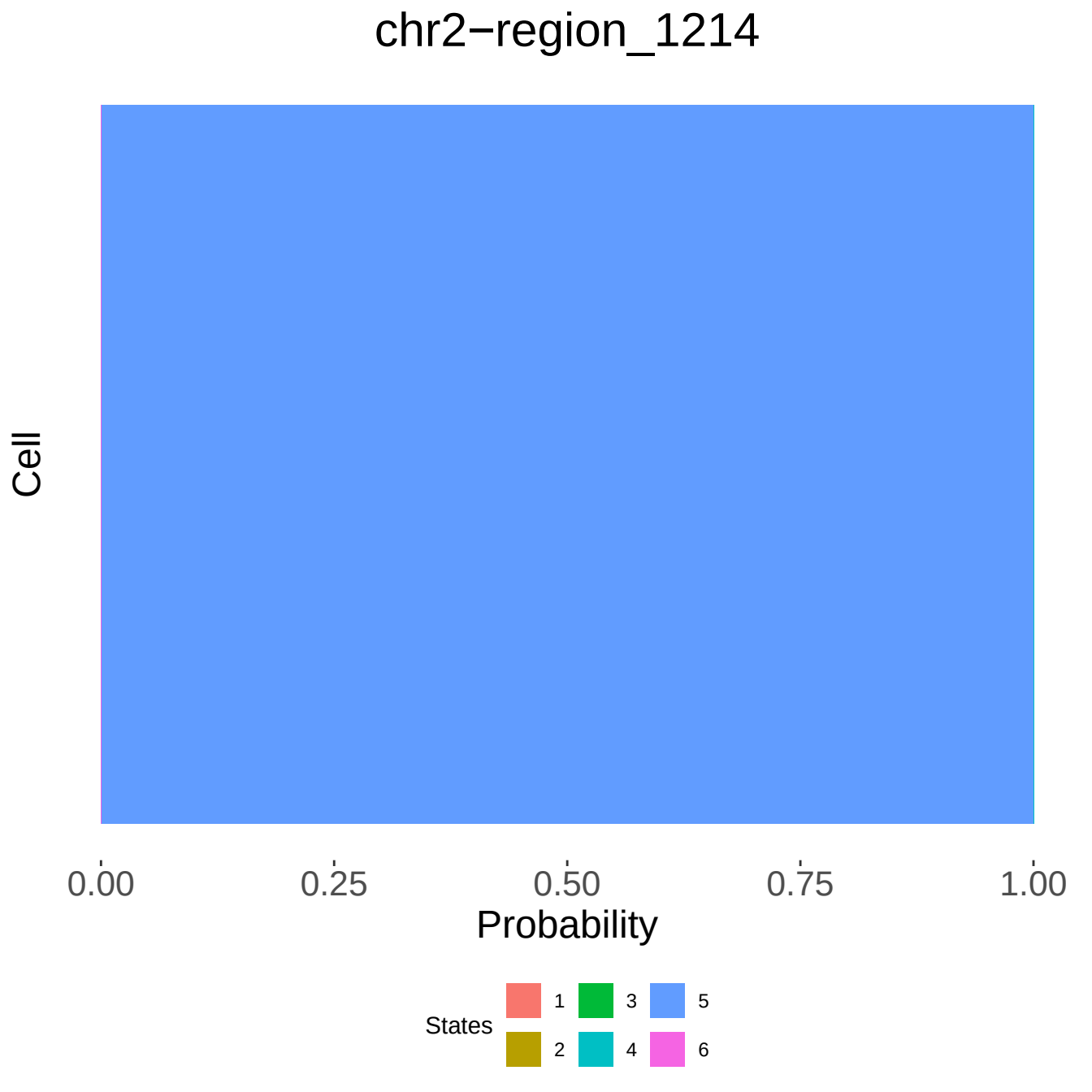
chr2−region_1214
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Probability
States
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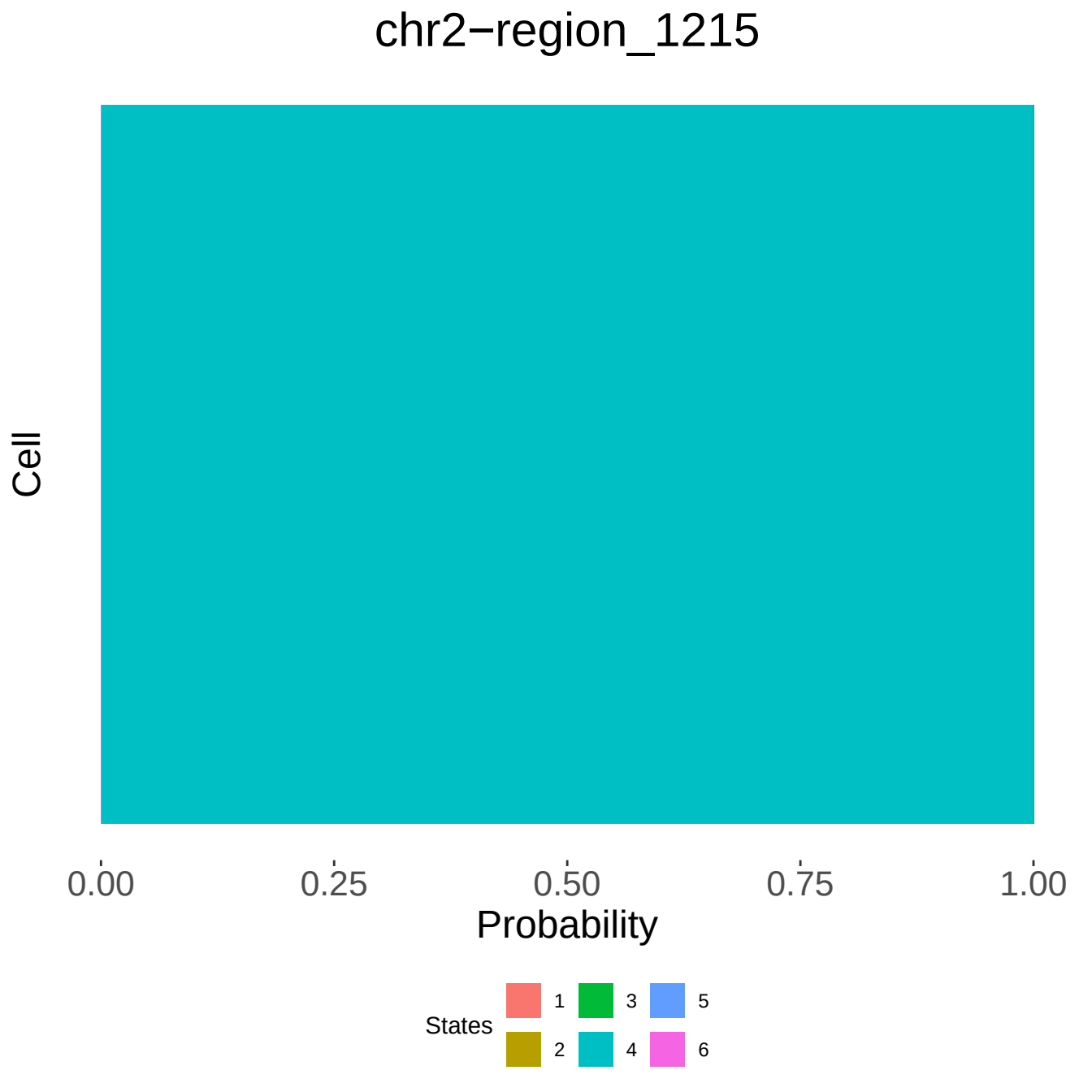
chr2−region_1215
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Probability
States
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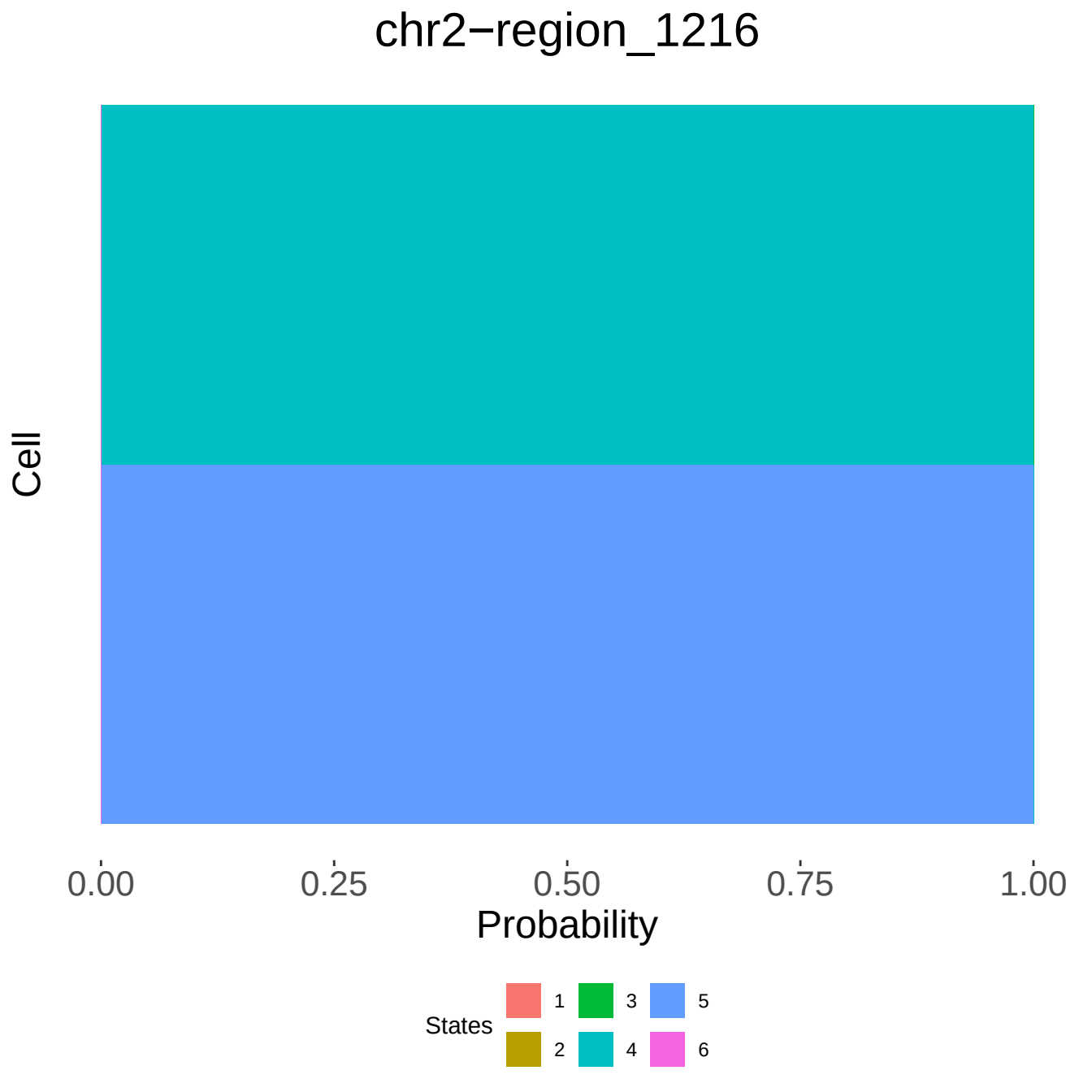
chr2−region_1216
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1.00
Probability
States
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4
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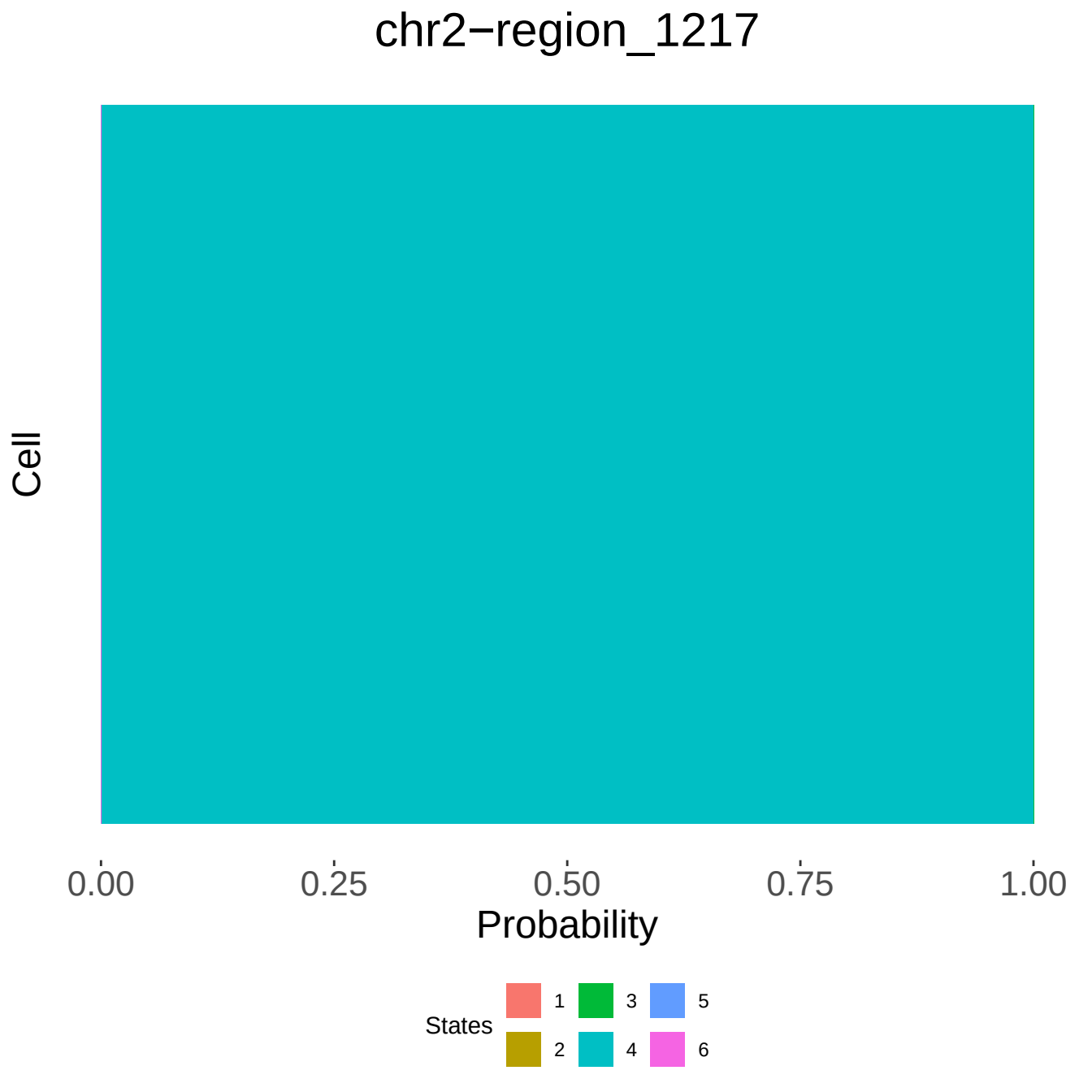
chr2−region_1217
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1.00
Probability
States
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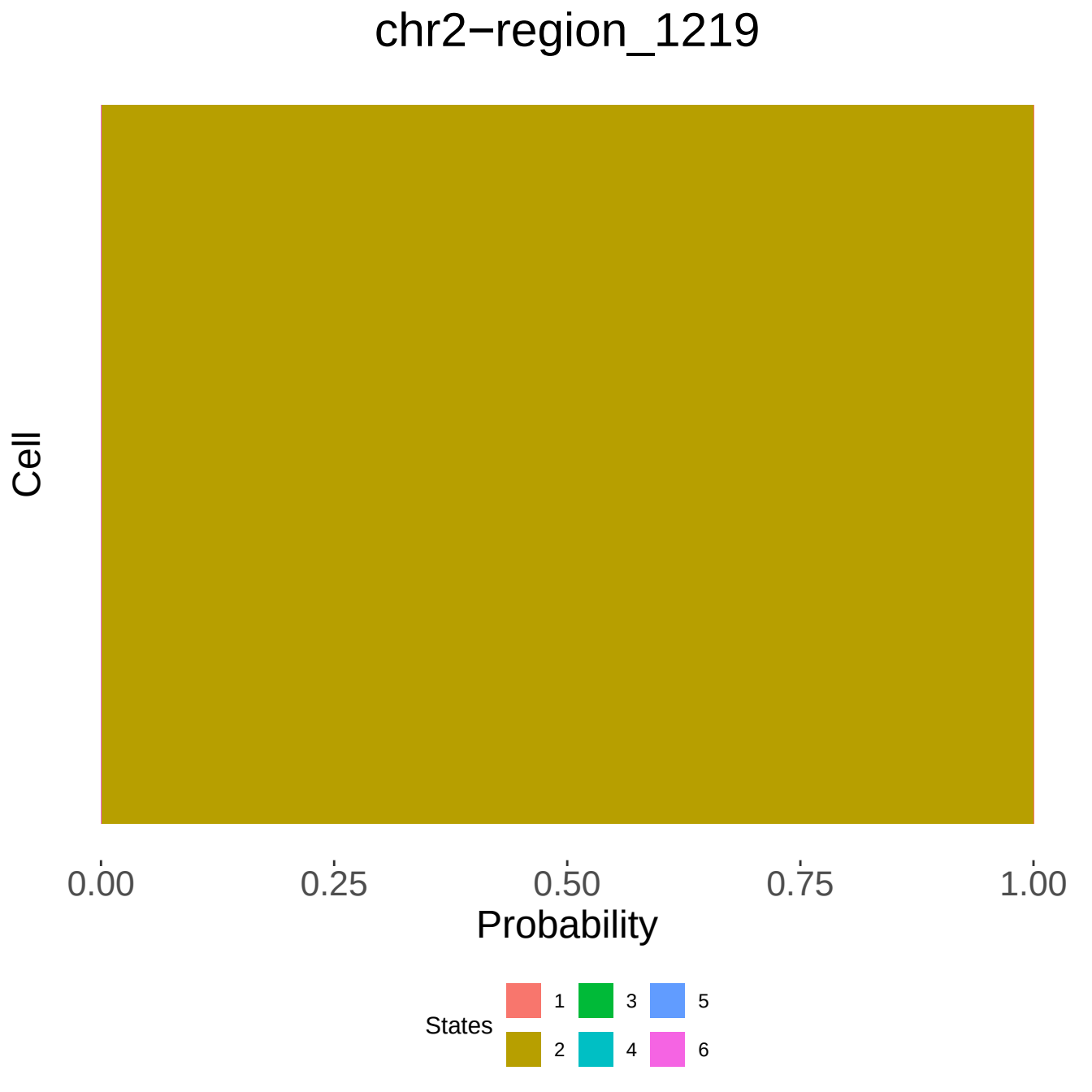
chr2−region_1219
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Probability
States
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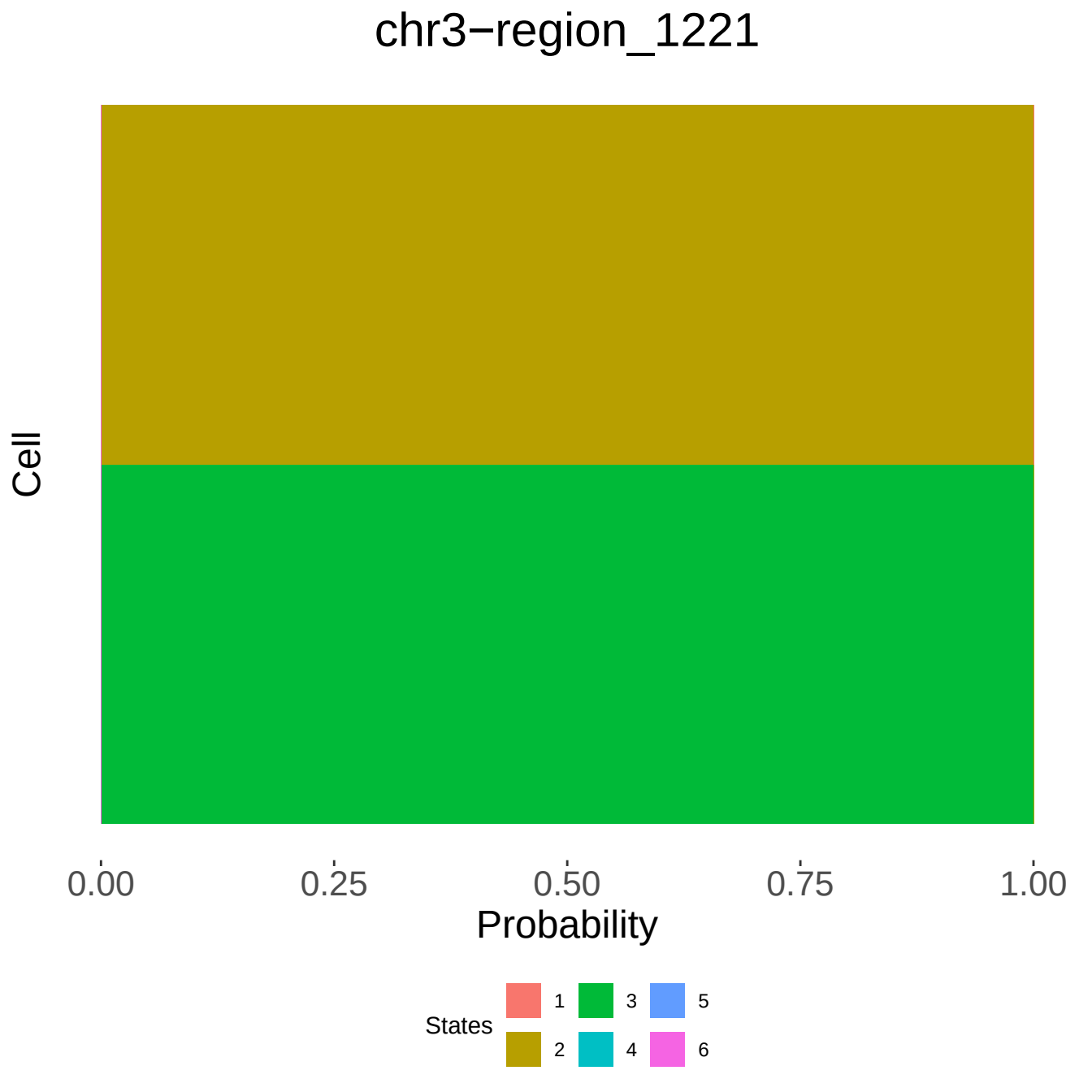
chr3−region_1221
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1.00
Probability
States
1
2
3
4
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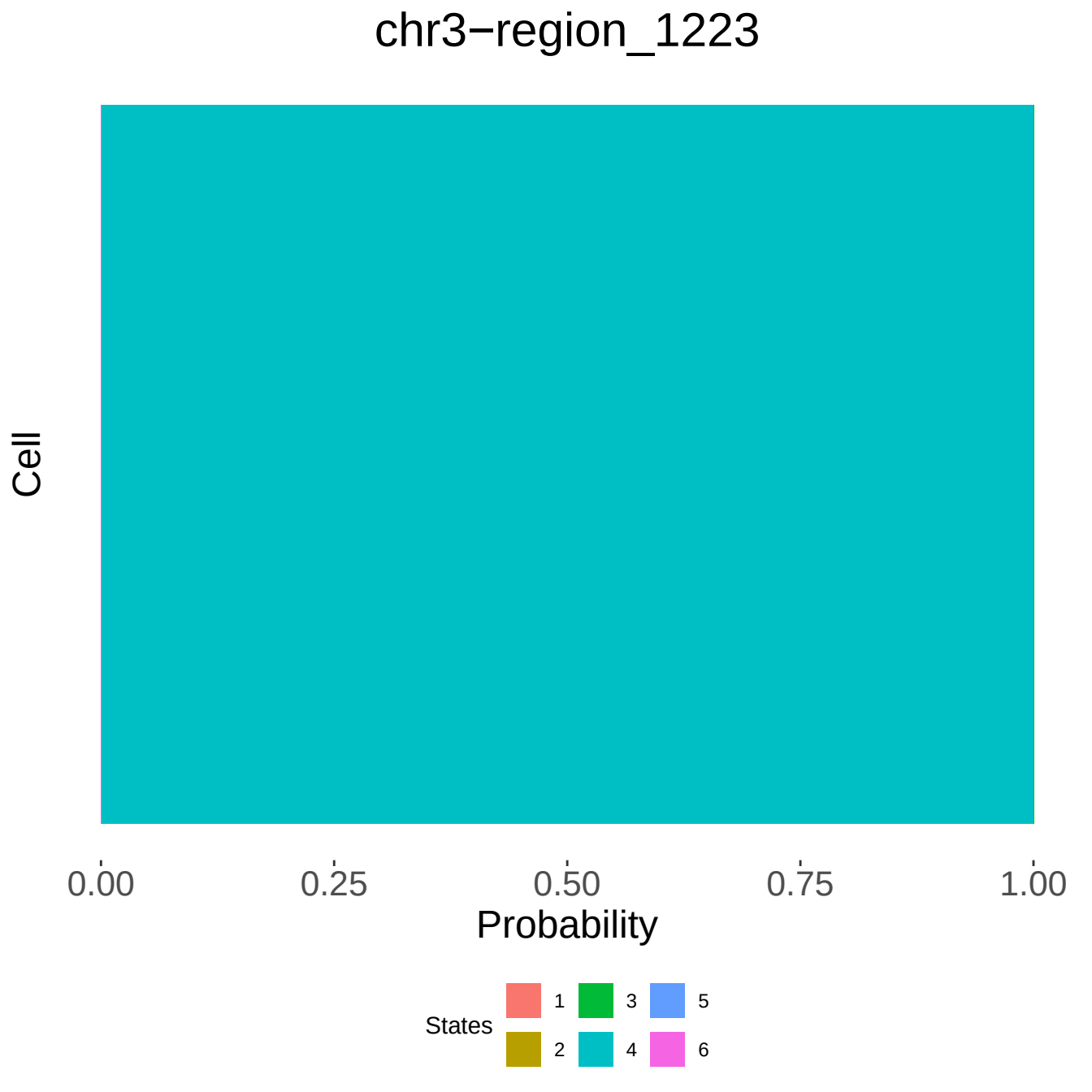
chr3−region_1223
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0.75
1.00
Probability
States
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3
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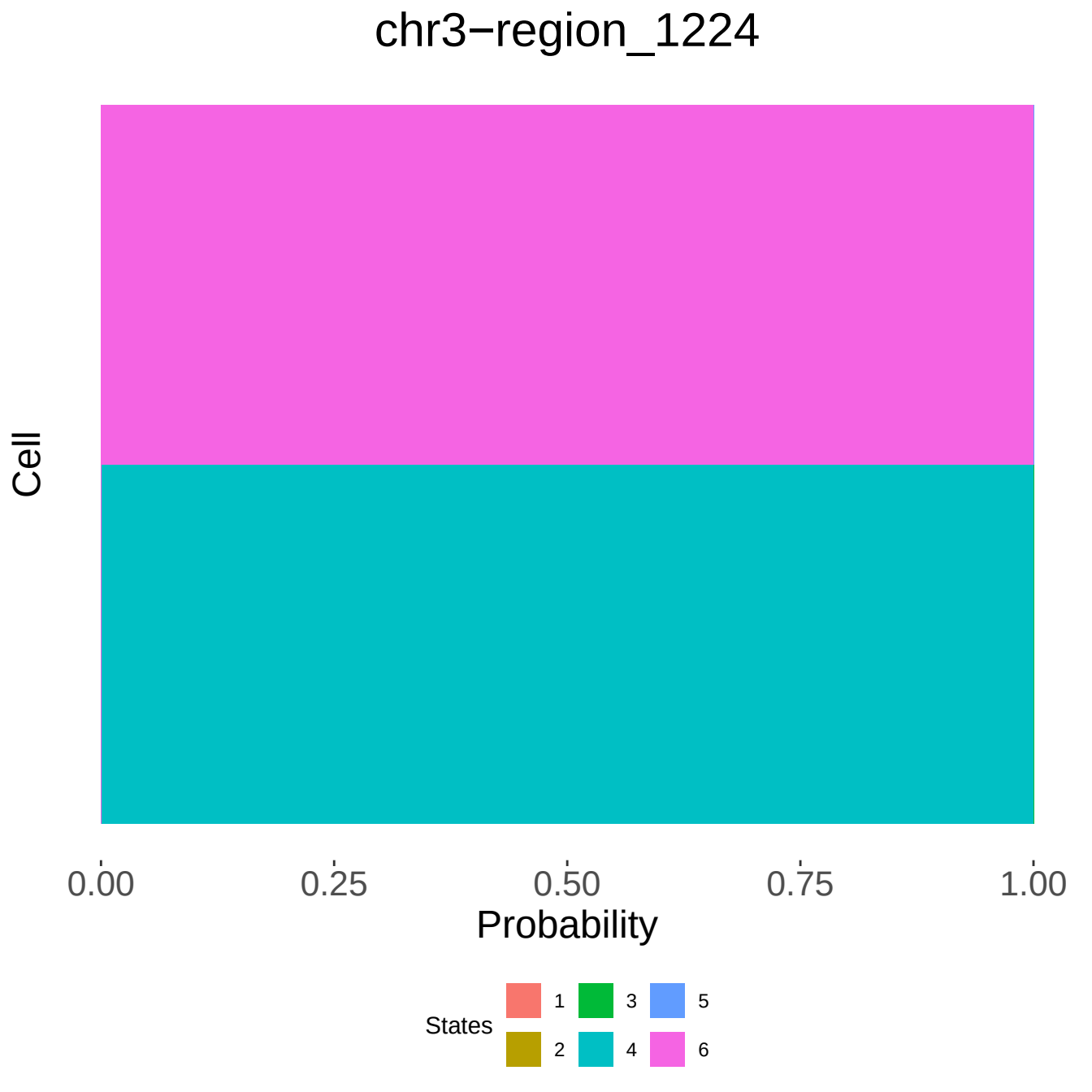
chr3−region_1224
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0.75
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Probability
States
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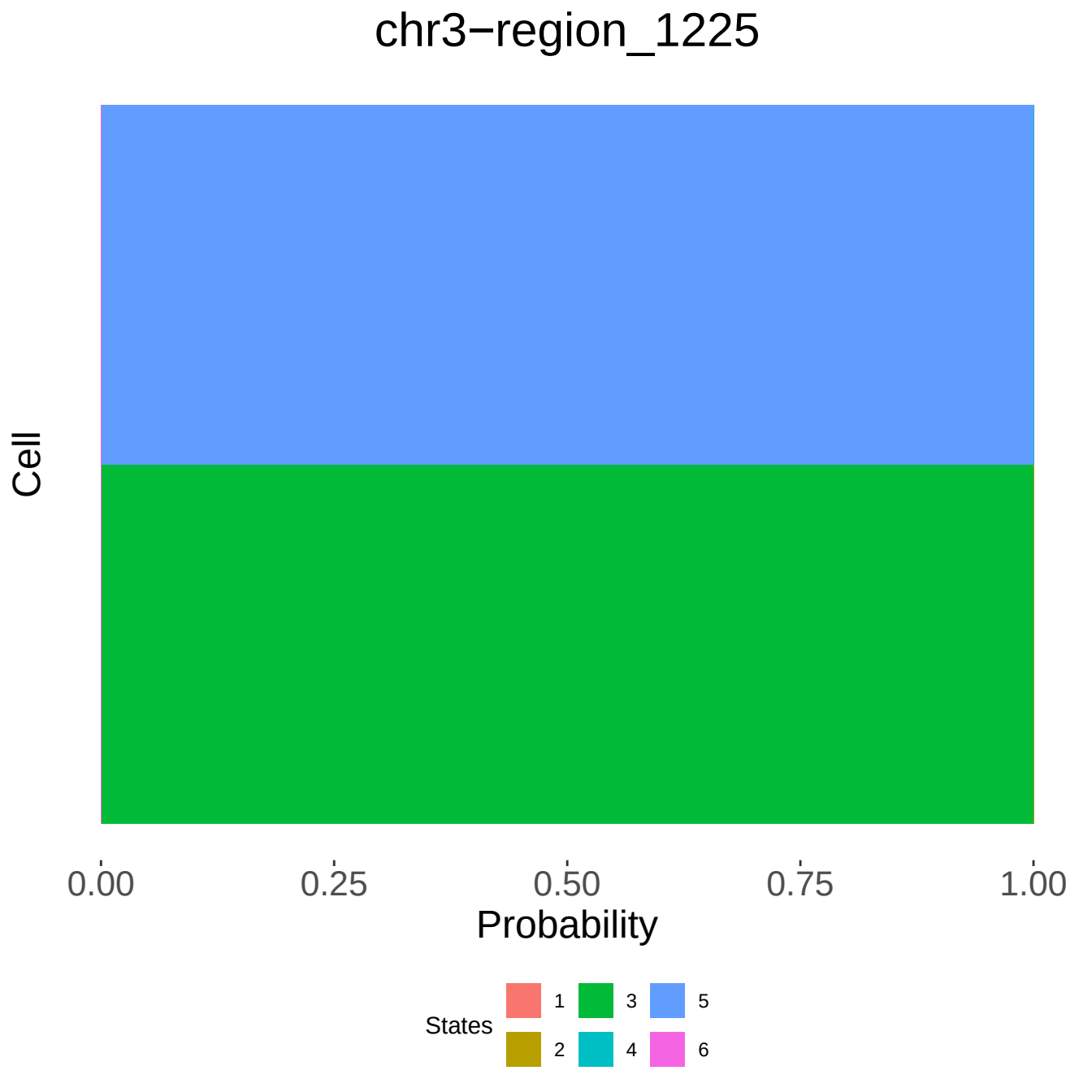
chr3−region_1225
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0.75
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Probability
States
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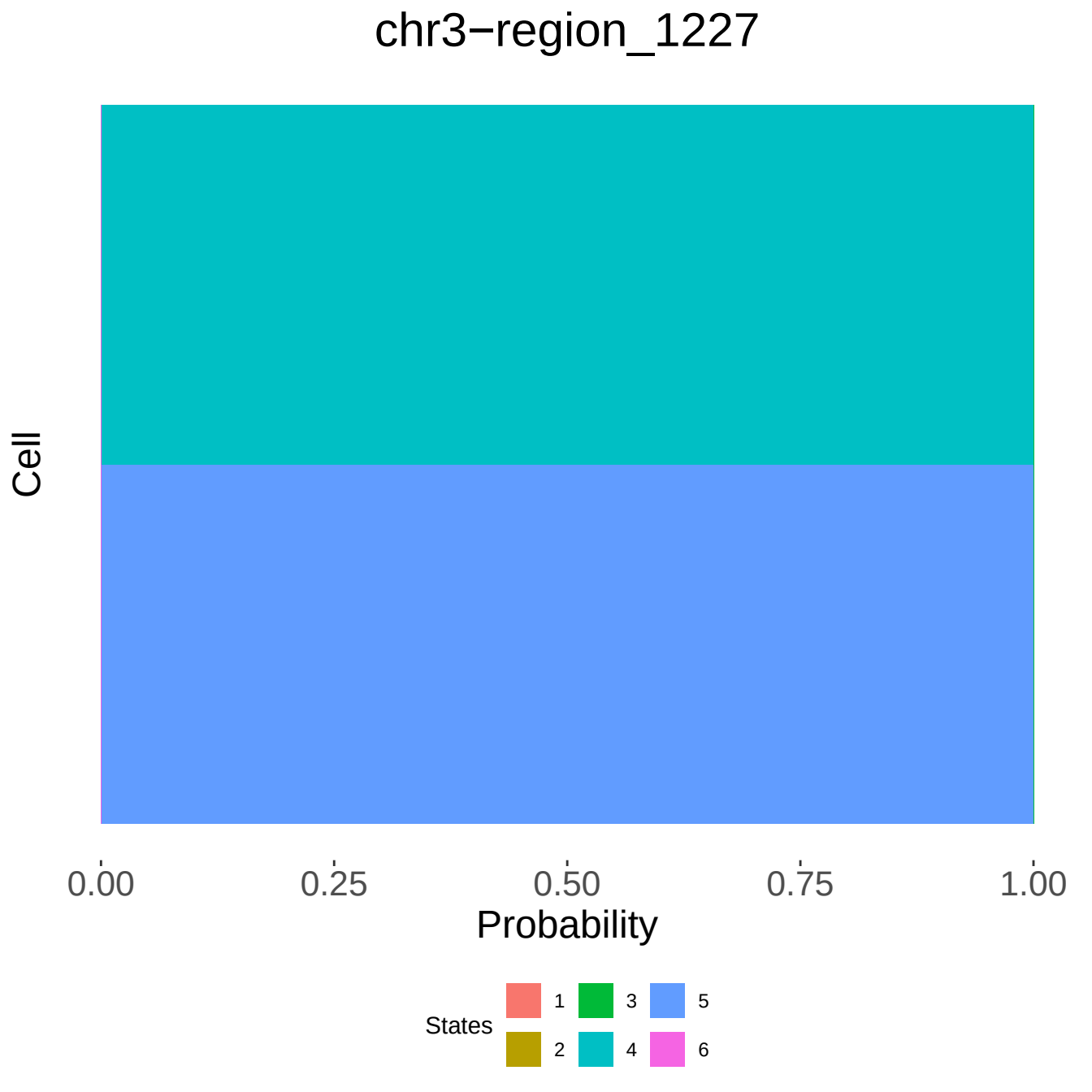
chr3−region_1227
Cell
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Probability
States
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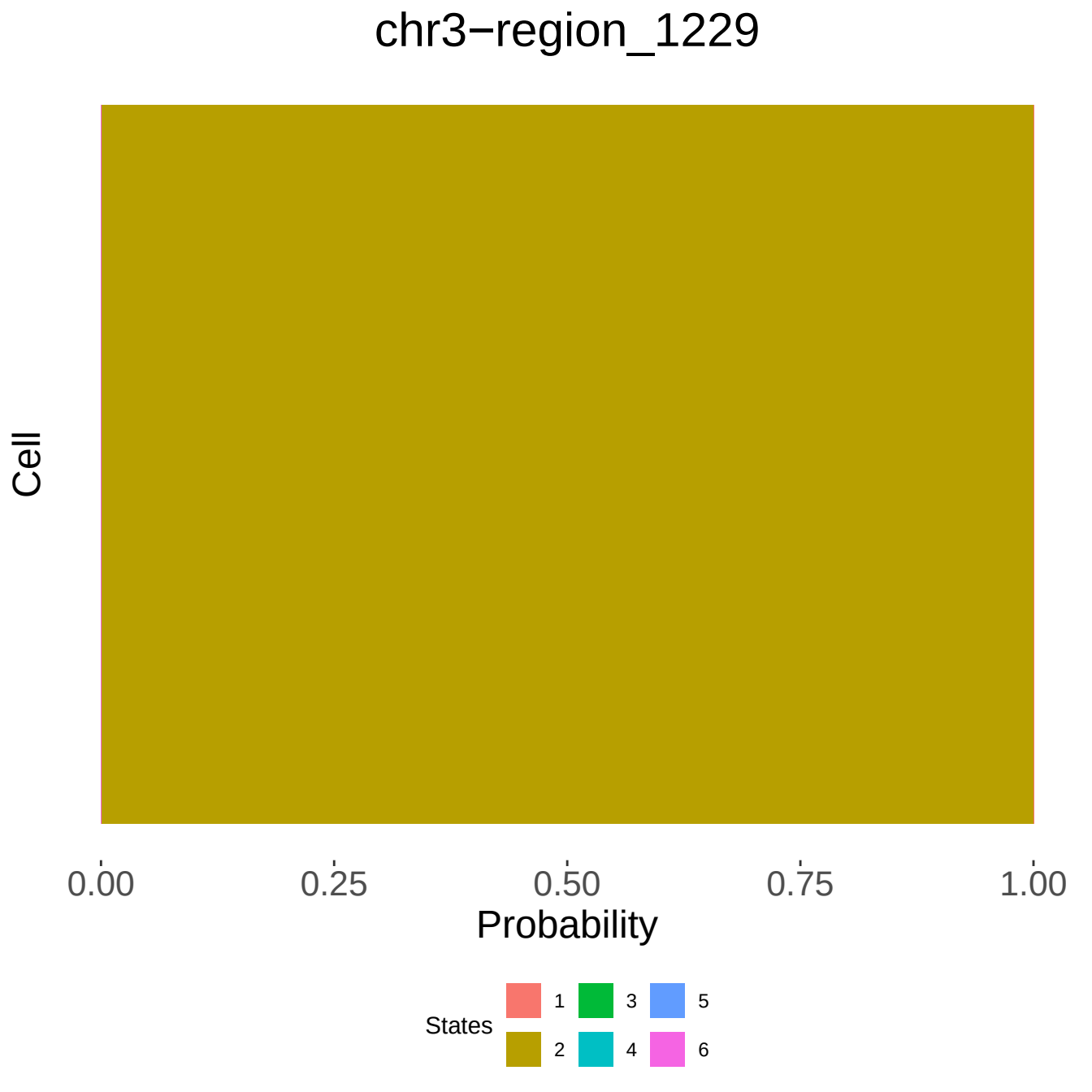
chr3−region_1229
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Probability
States
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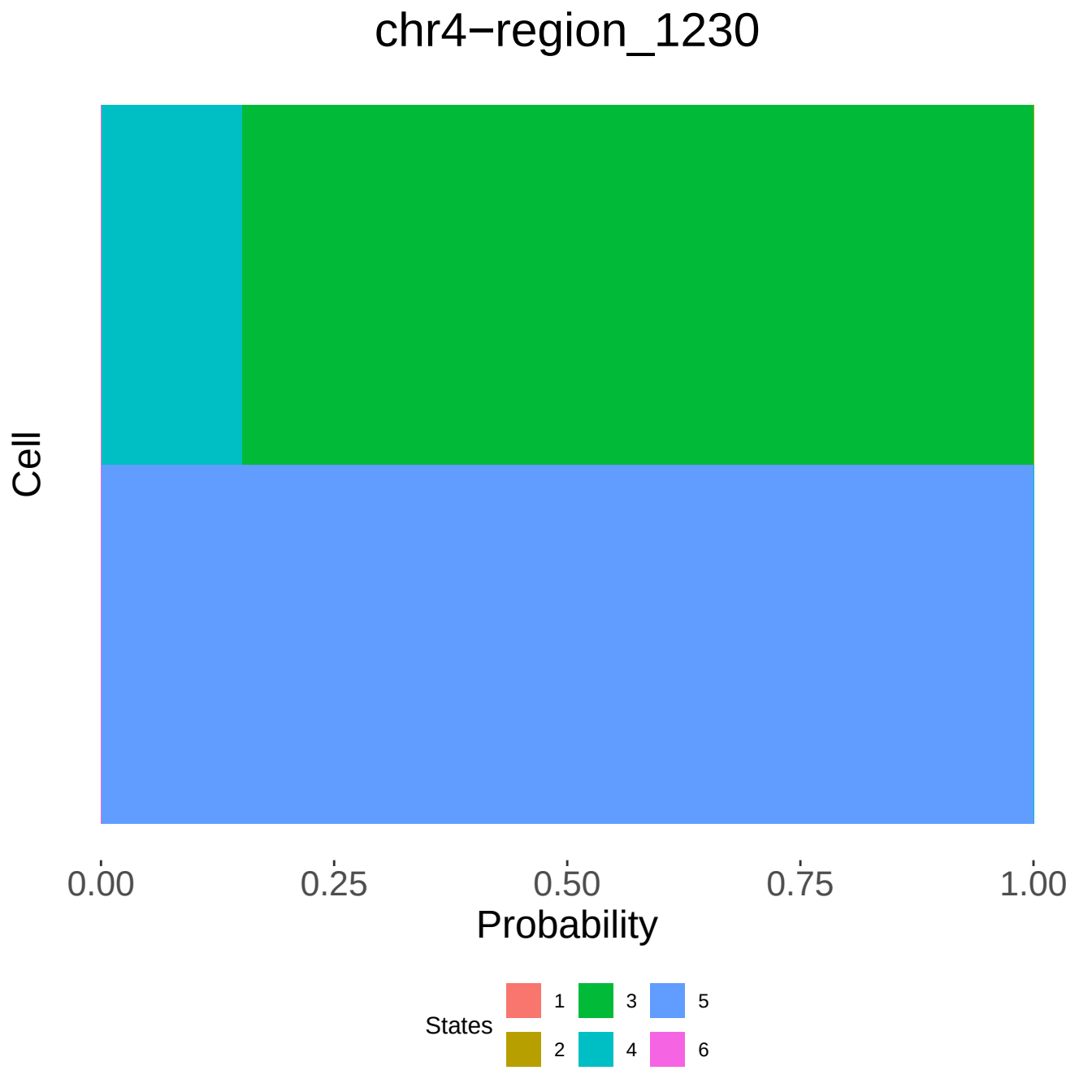
chr4−region_1230
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0.75
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Probability
States
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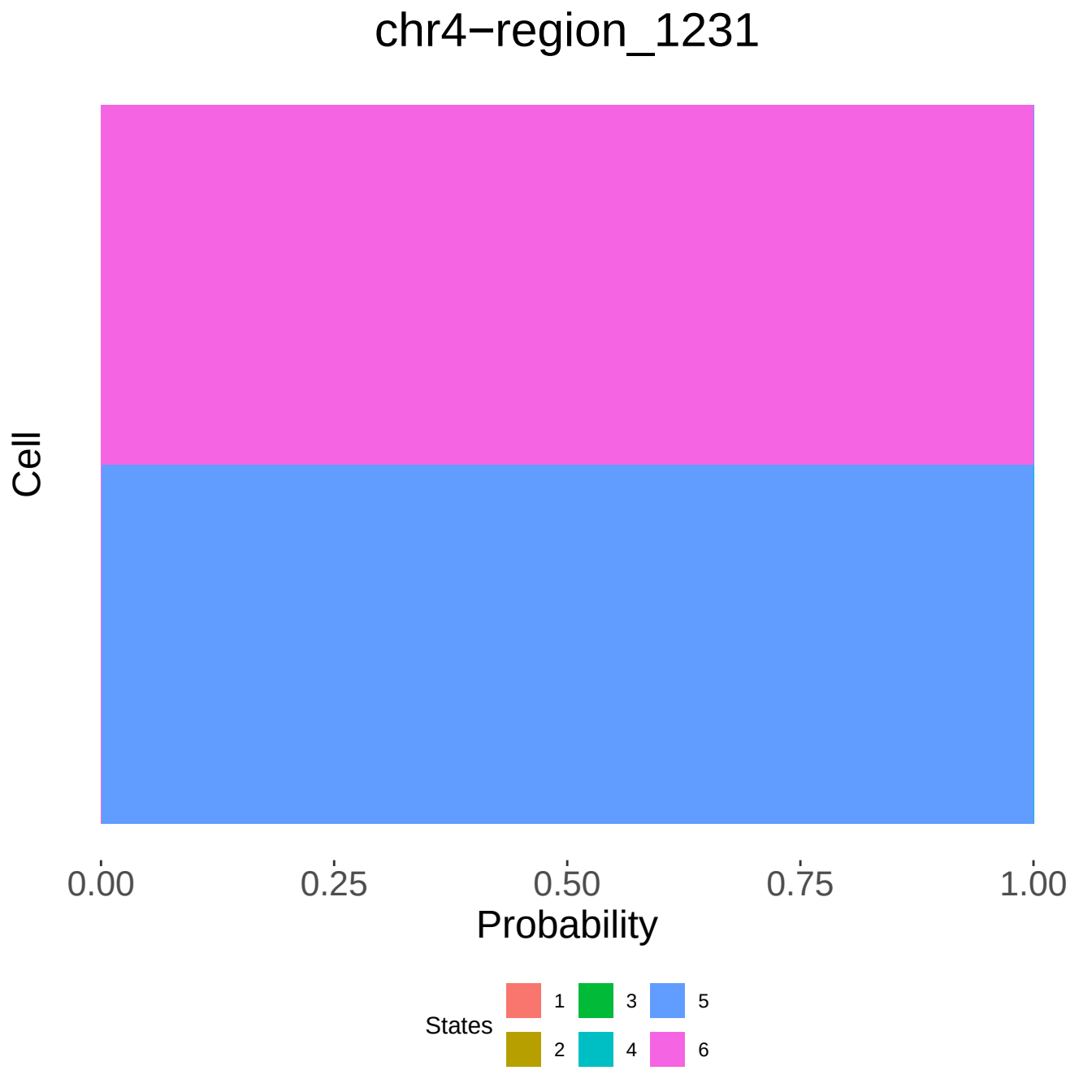
chr4−region_1231
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0.75
1.00
Probability
States
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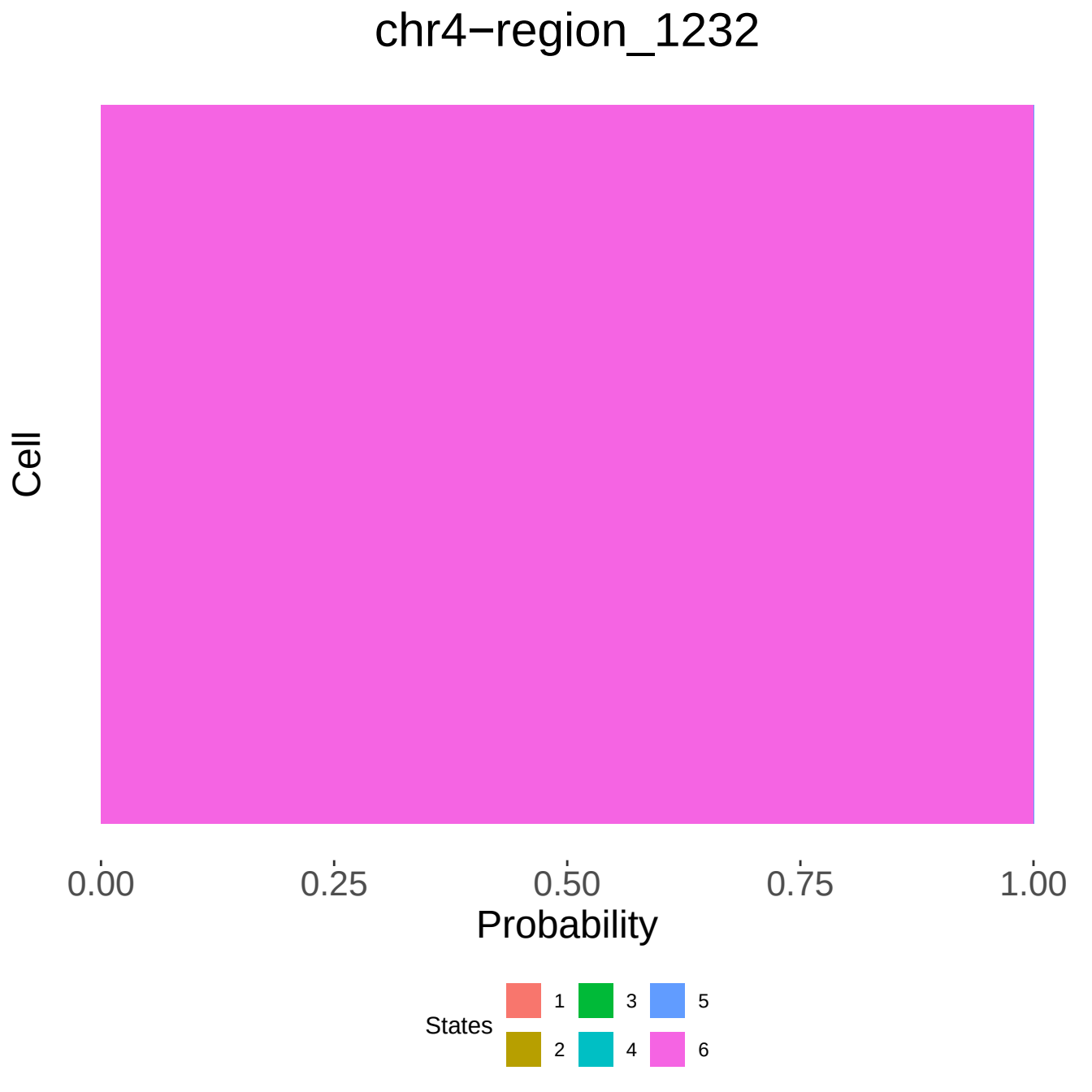
chr4−region_1232
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0.75
1.00
Probability
States
1
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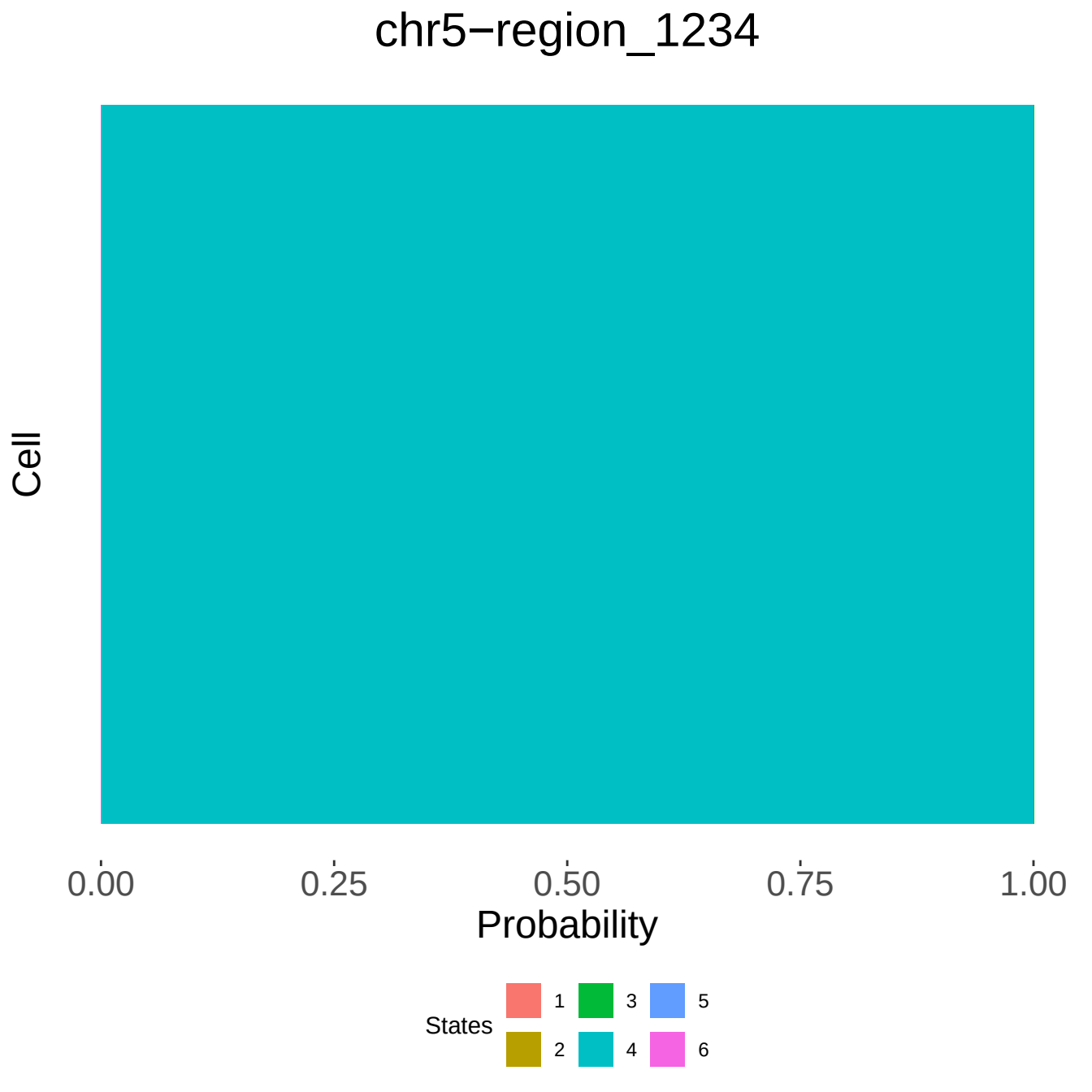
chr5−region_1234
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0.75
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Probability
States
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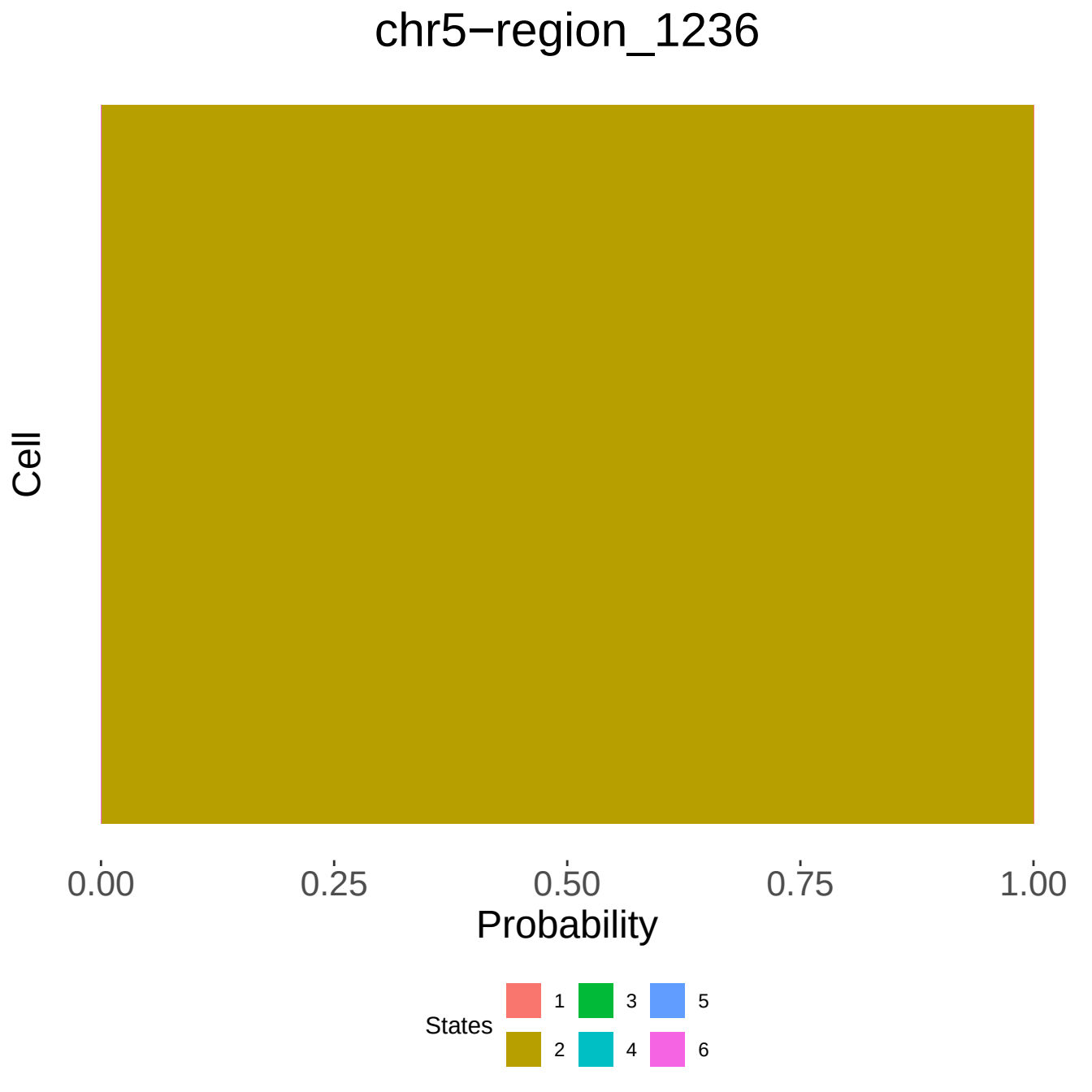
3
4
5
6


chr5−region_1236
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1.00
Probability
States
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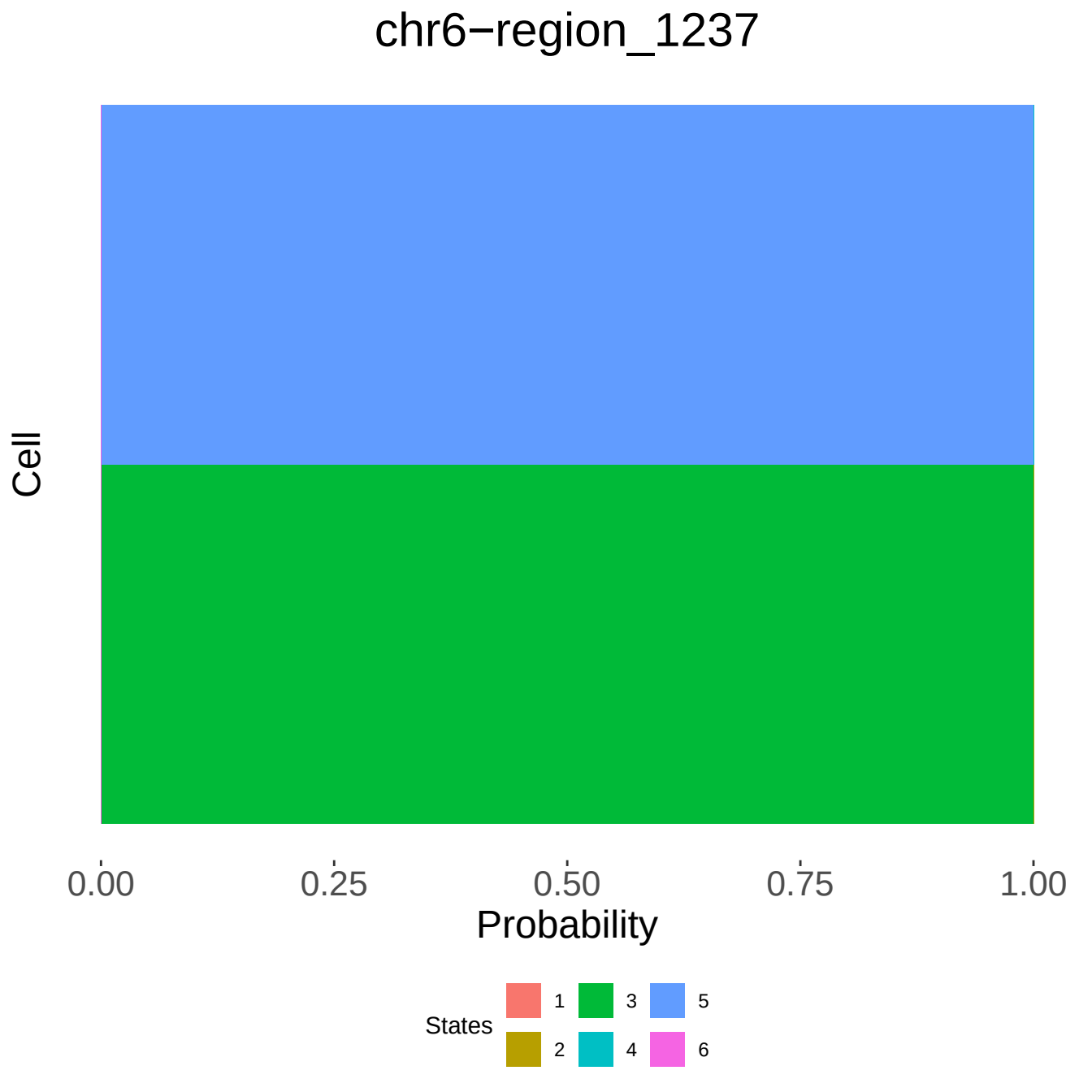
3
4
5
6


chr6−region_1237
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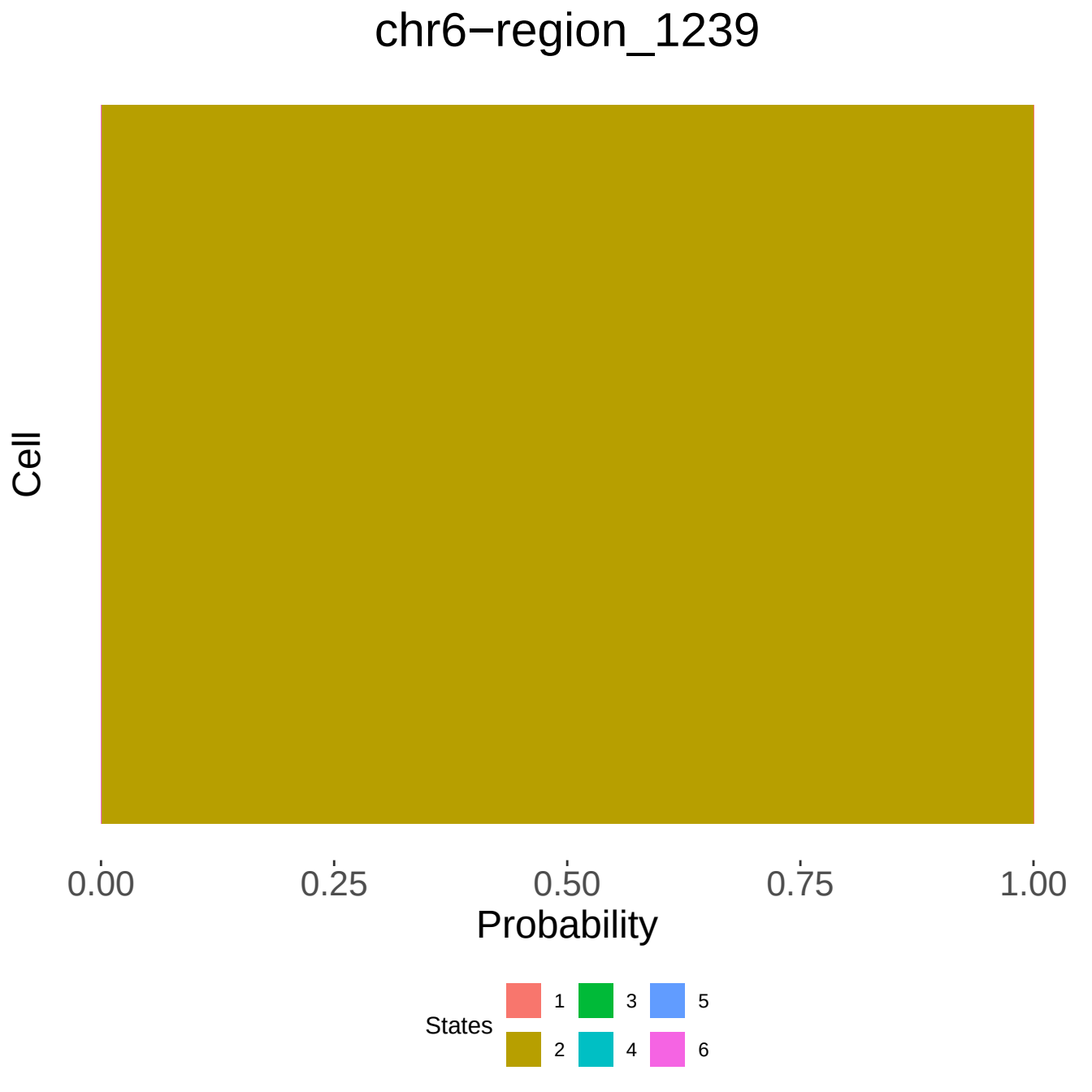
0.75
1.00
Probability
States
1
2
3
4
5
6


chr6−region_1239
Cell
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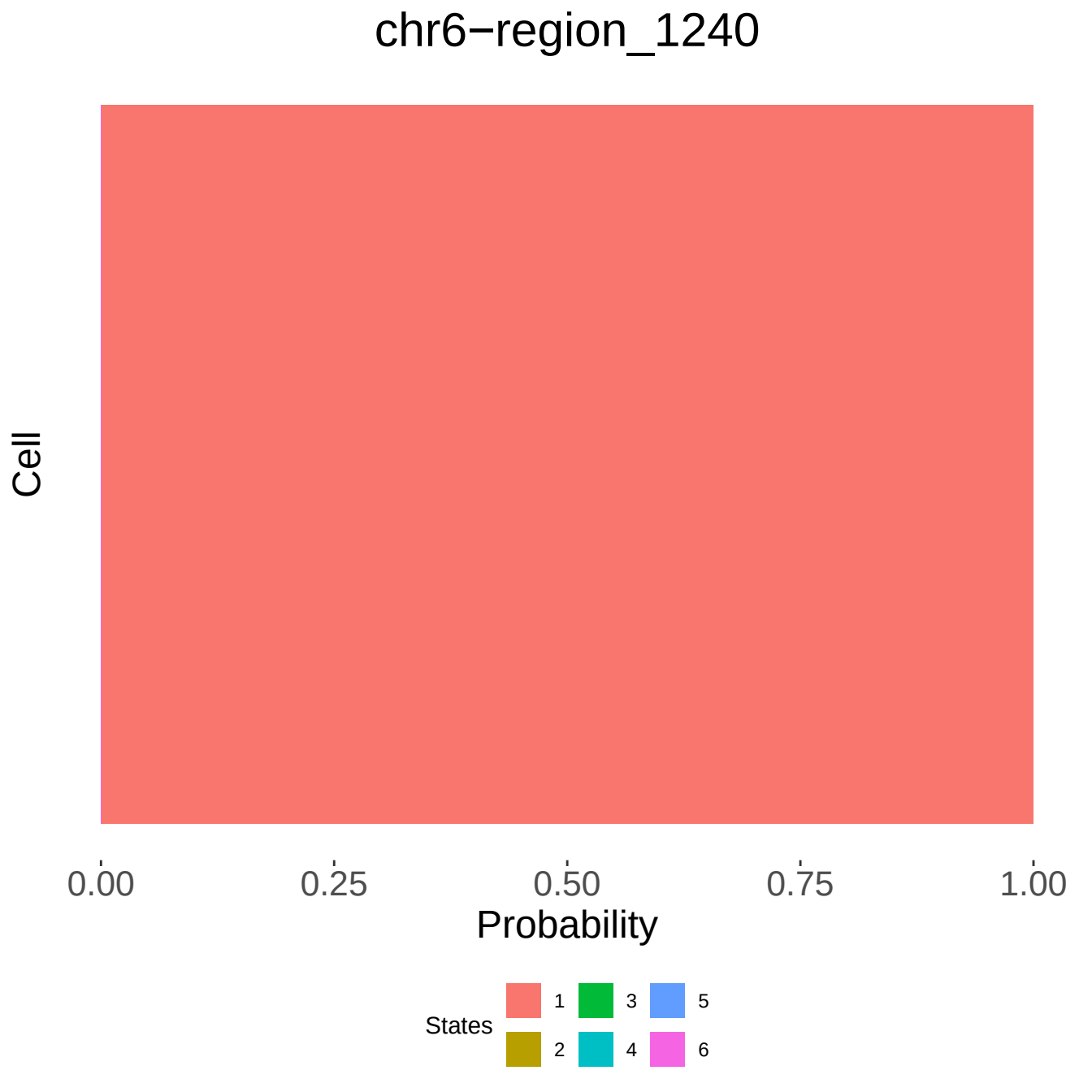
0.75
1.00
Probability
States
1
2
3
4
5
6


chr6−region_1240
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1.00
Probability
States
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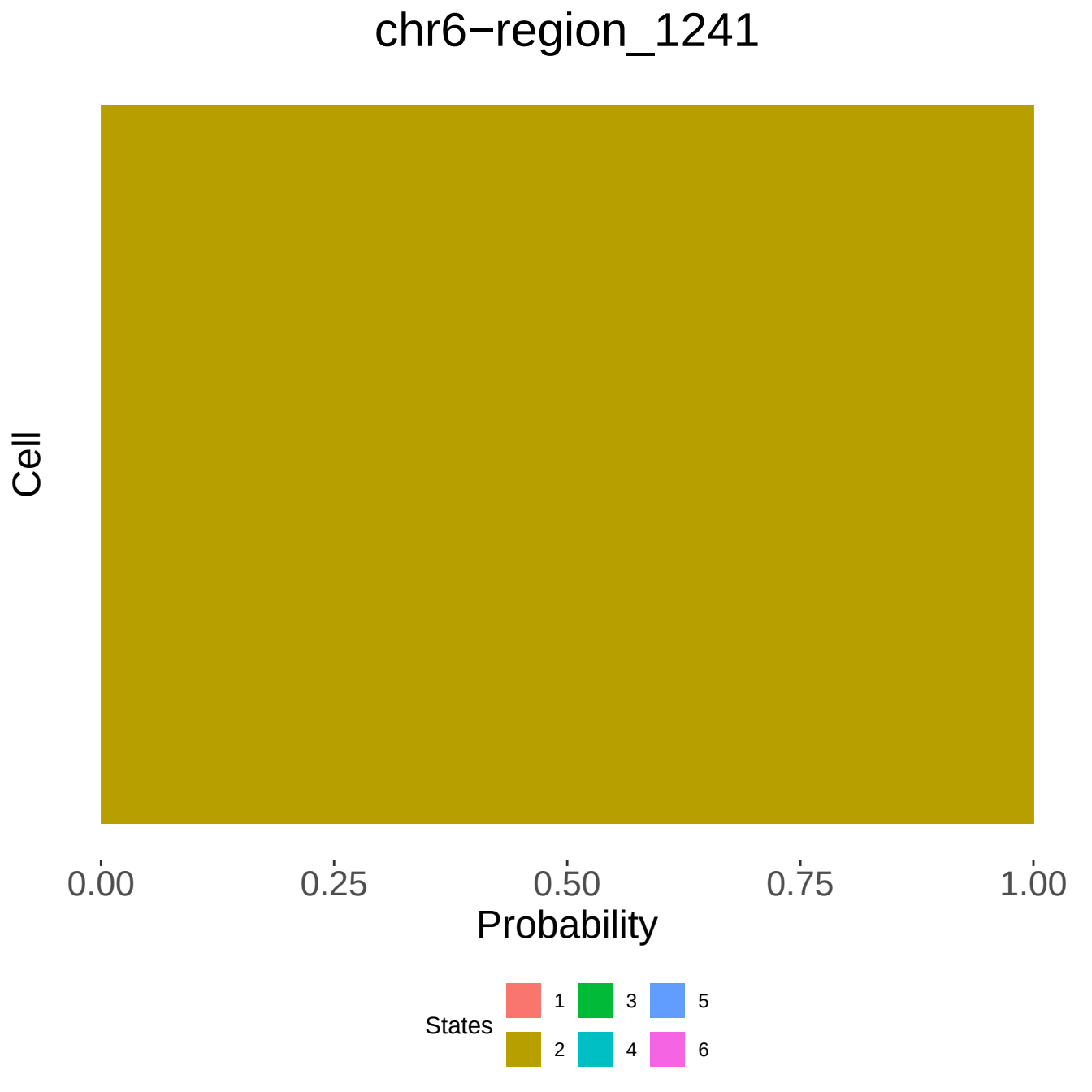
2
3
4
5
6


chr6−region_1241
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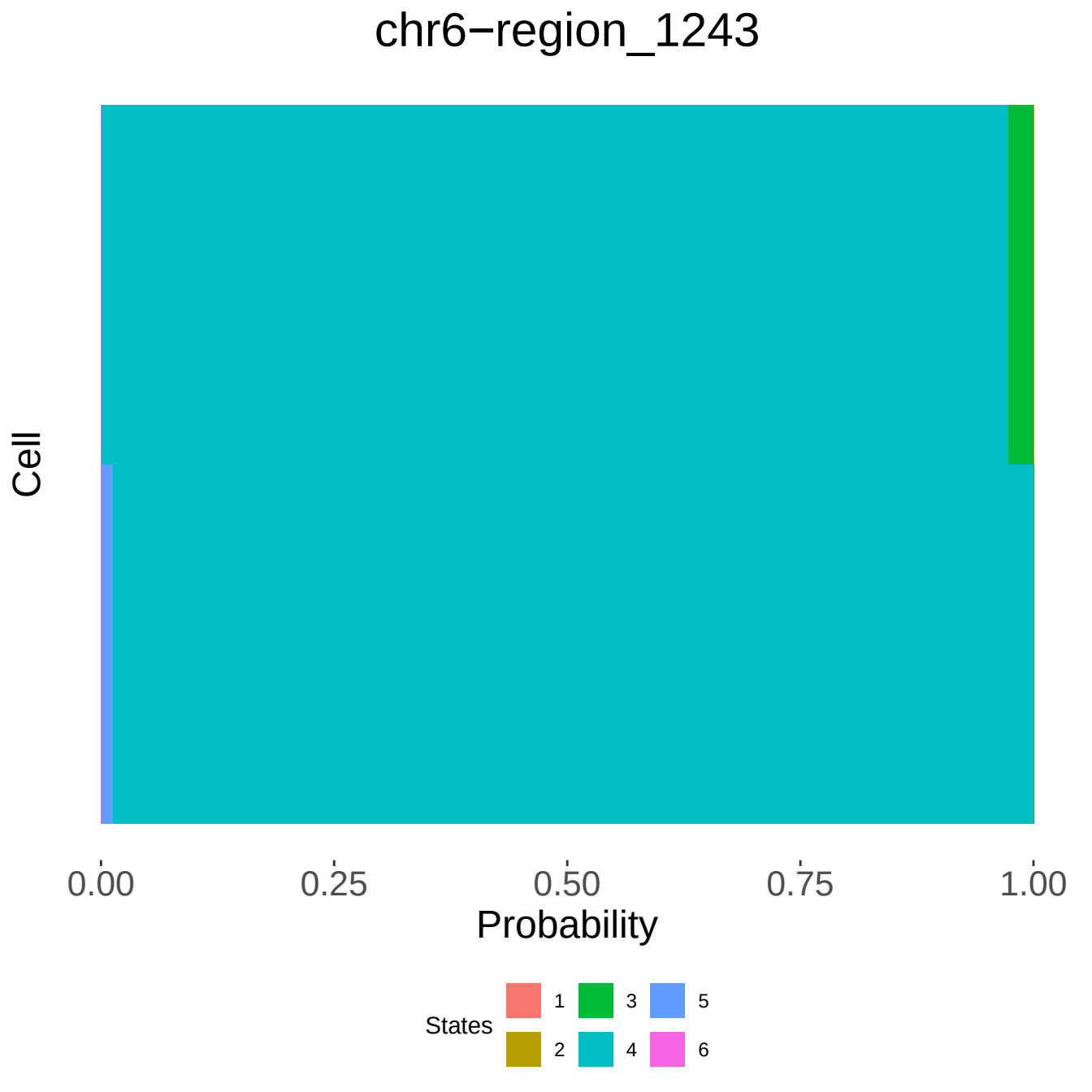
Probability
States
1
2
3
4
5
6


chr6−region_1243
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0.75
1.00
Probability
States
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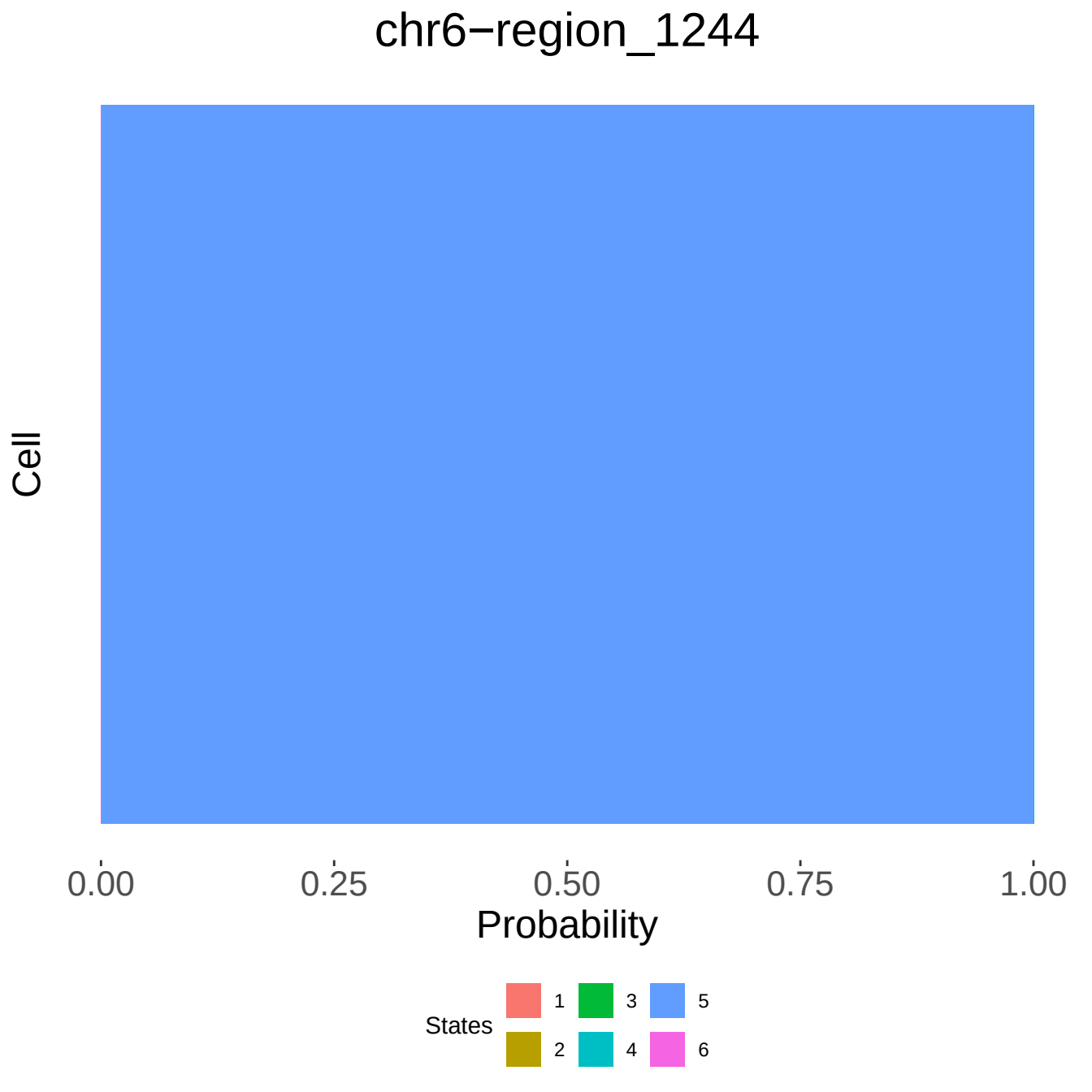
3
4
5
6


chr6−region_1244
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0.75
1.00
Probability
States
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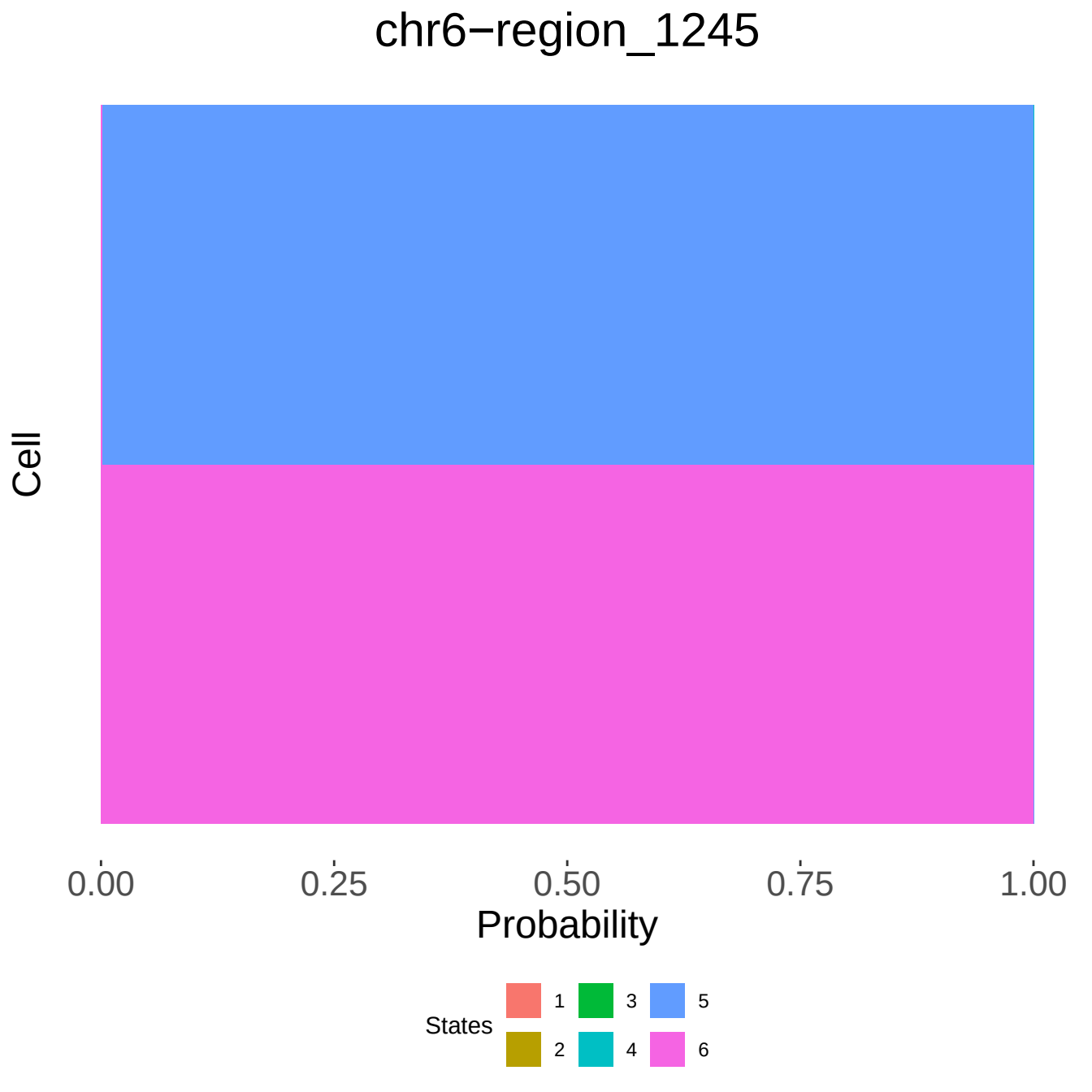
4
5
6


chr6−region_1245
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0.25
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0.75
1.00
Probability
States
1
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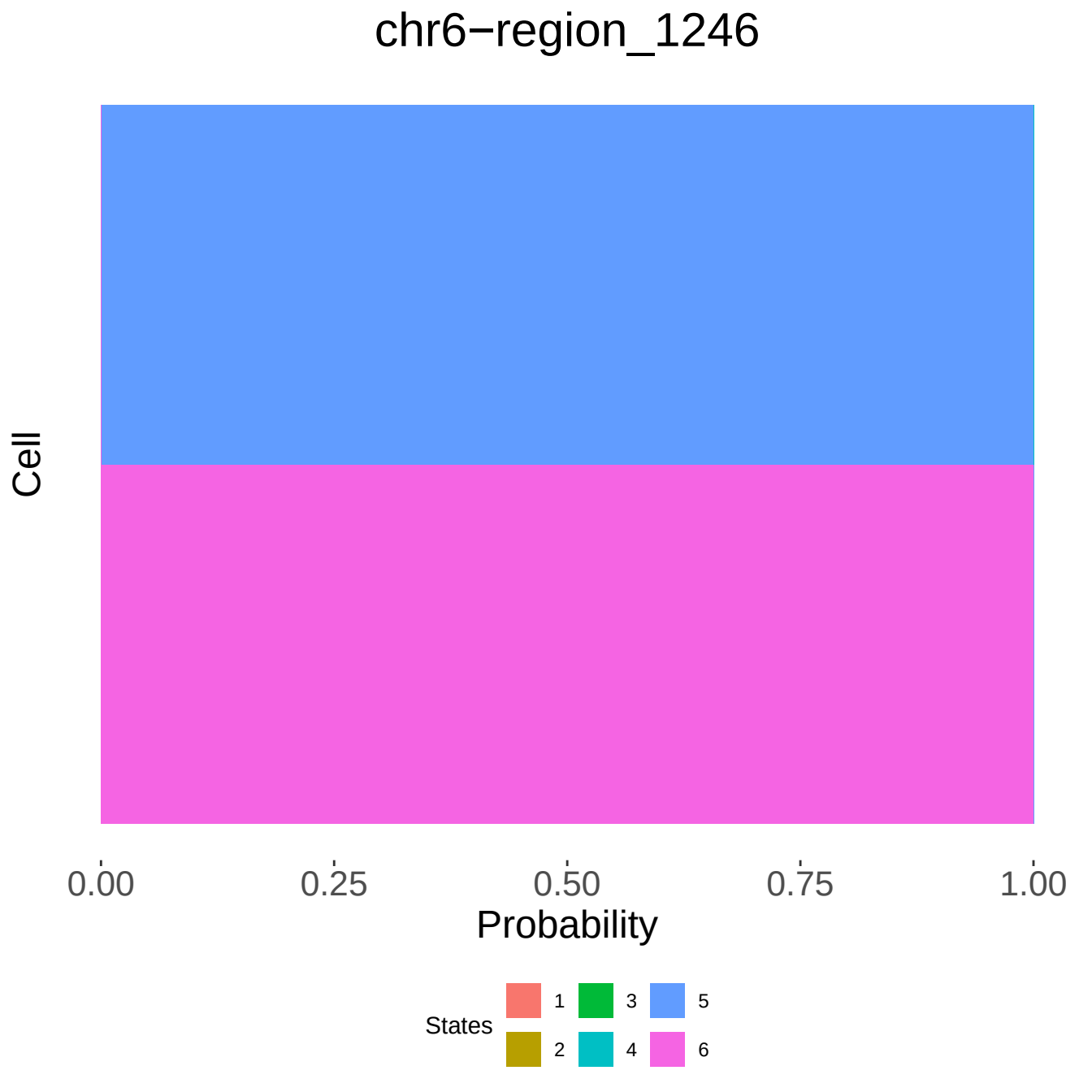
3
4
5
6


chr6−region_1246
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1.00
Probability
States
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3
4
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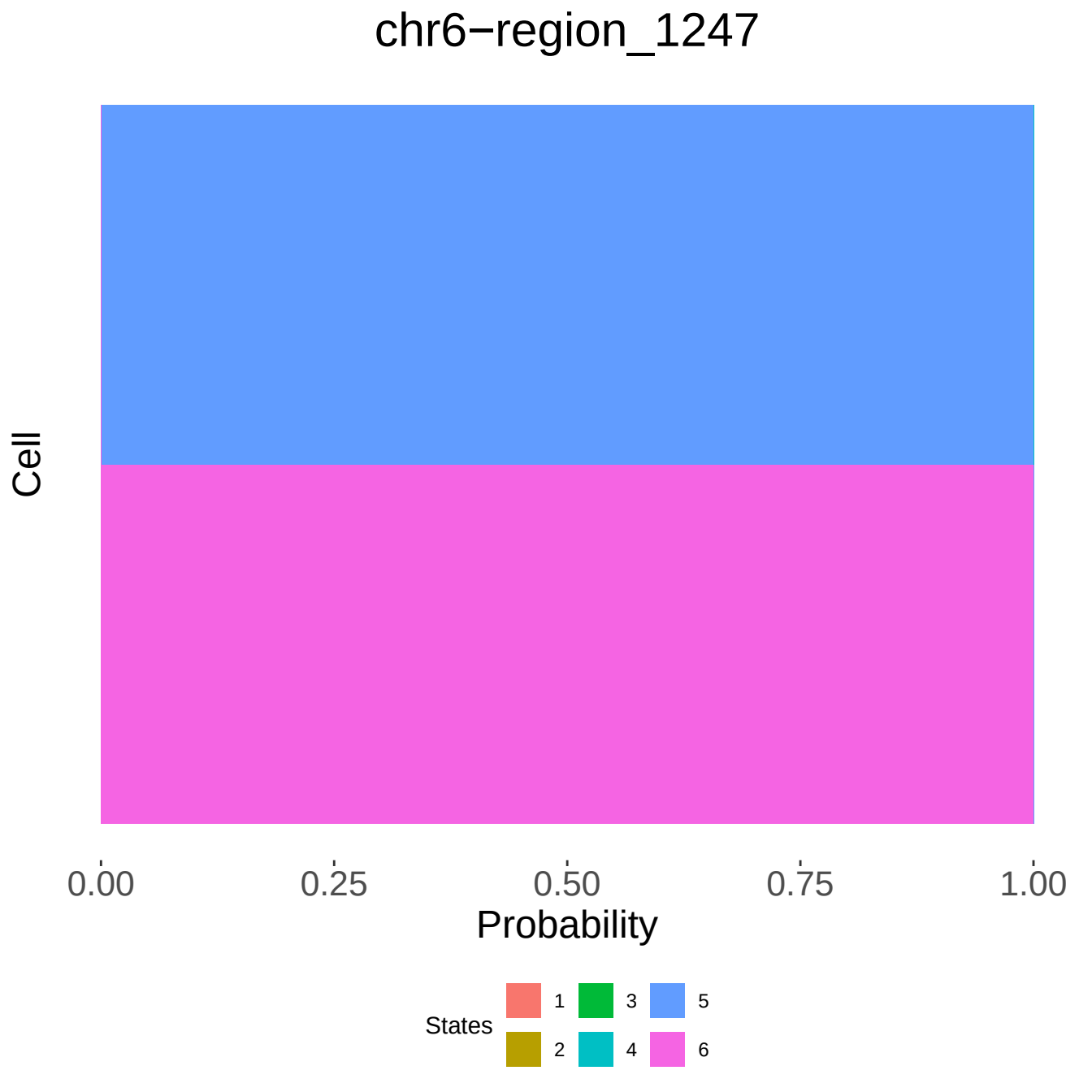
chr6−region_1247
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0.75
1.00
Probability
States
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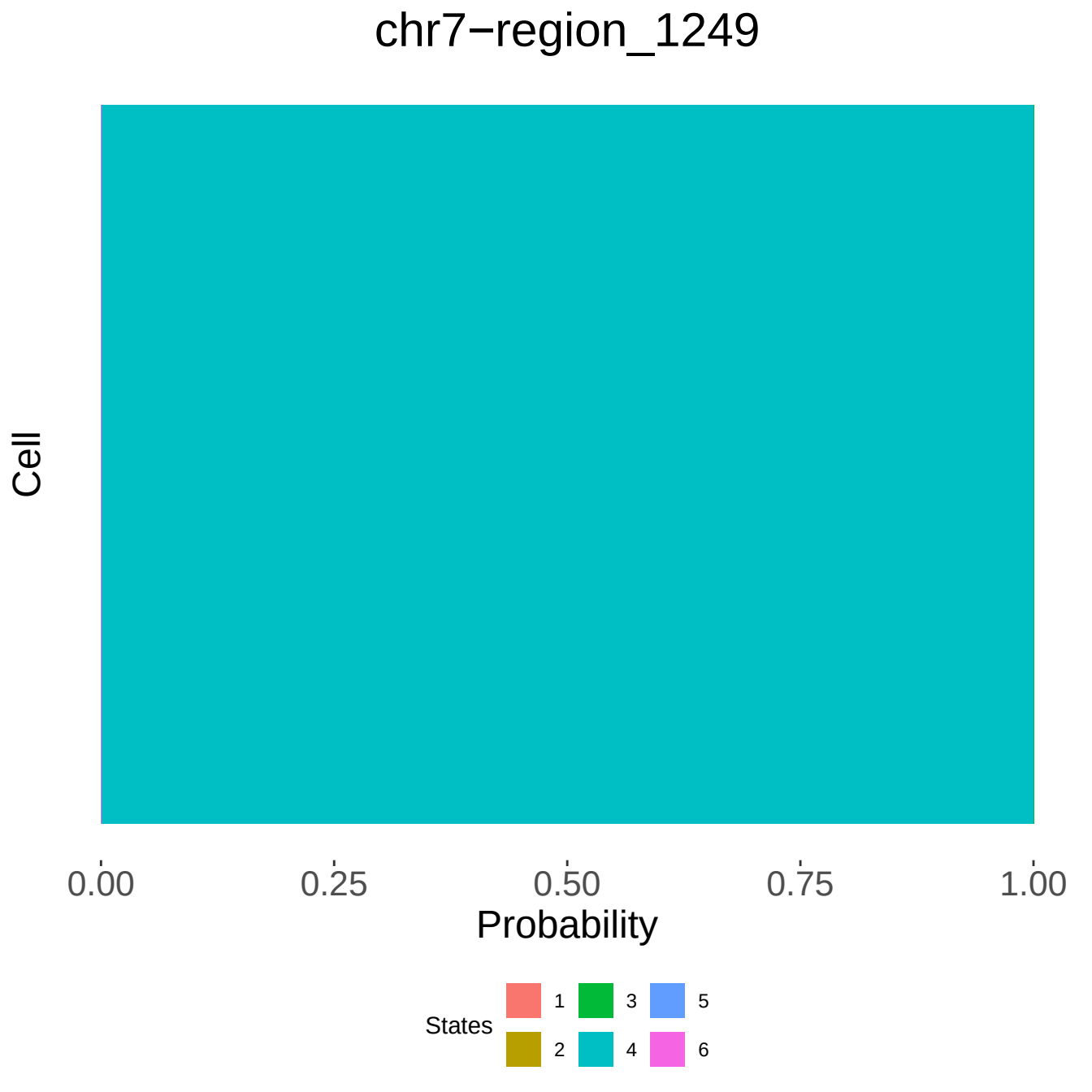
4
5
6


chr7−region_1249
Cell
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1.00
Probability
States
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4
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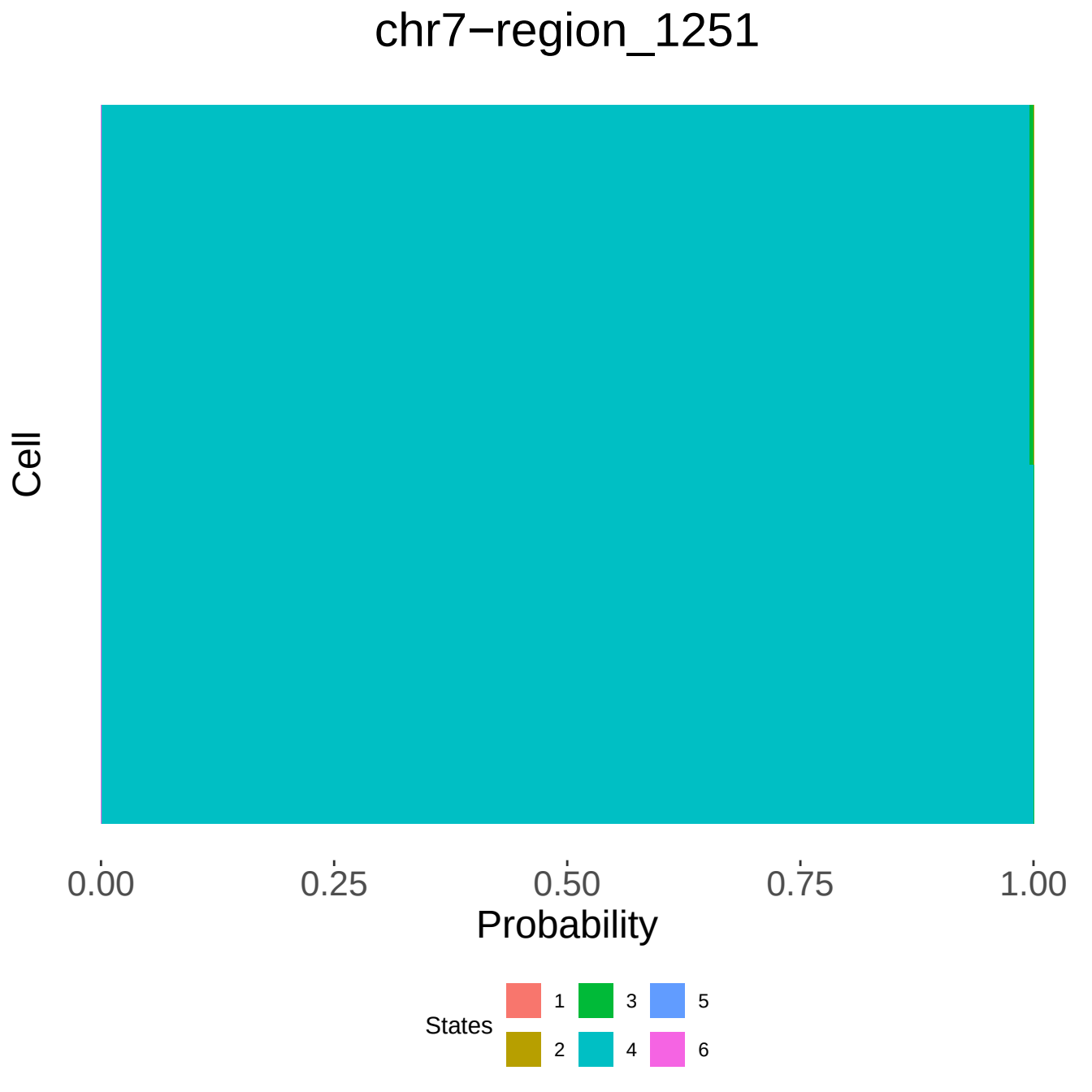
6


chr7−region_1251
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0.75
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Probability
States
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5
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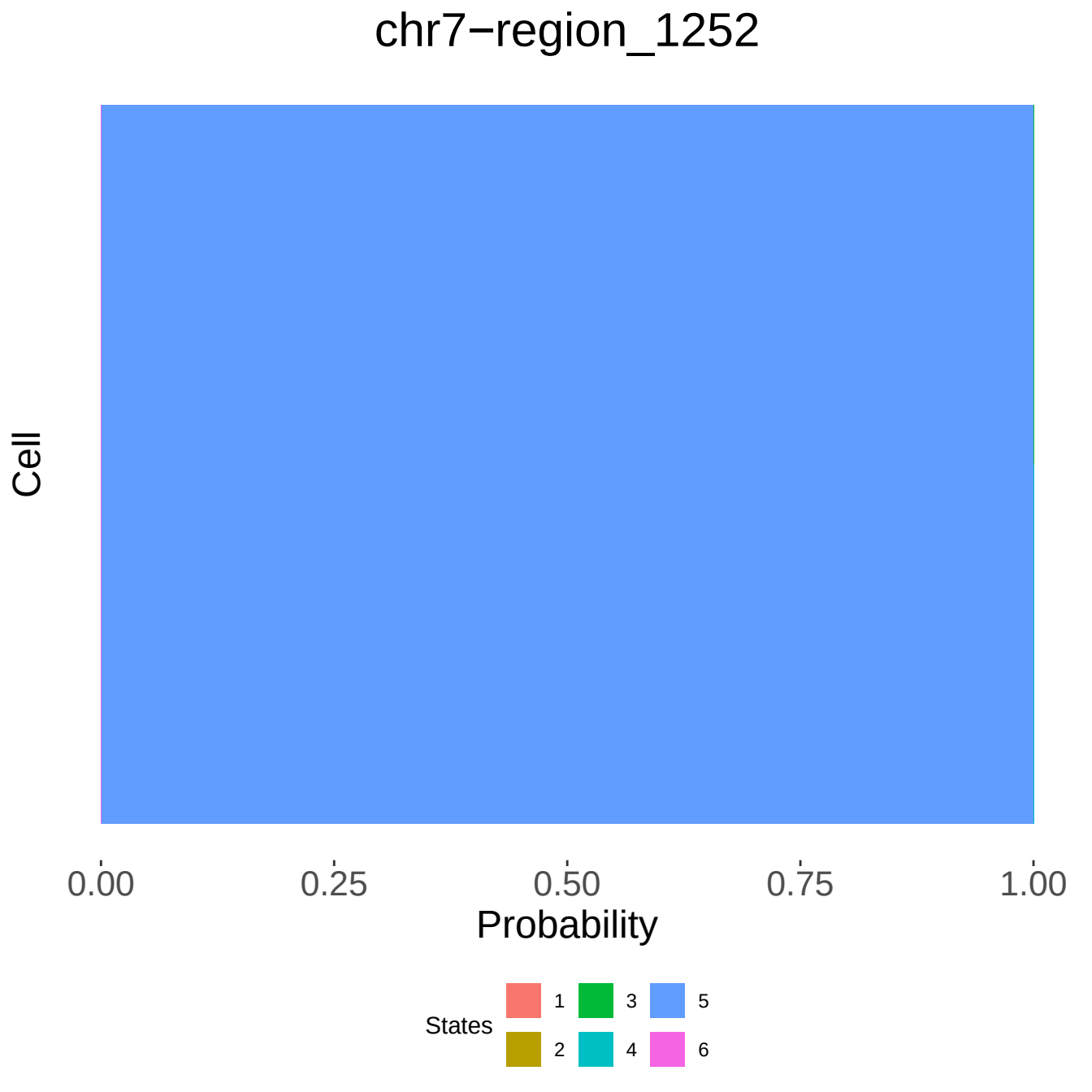
chr7−region_1252
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1.00
Probability
States
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5
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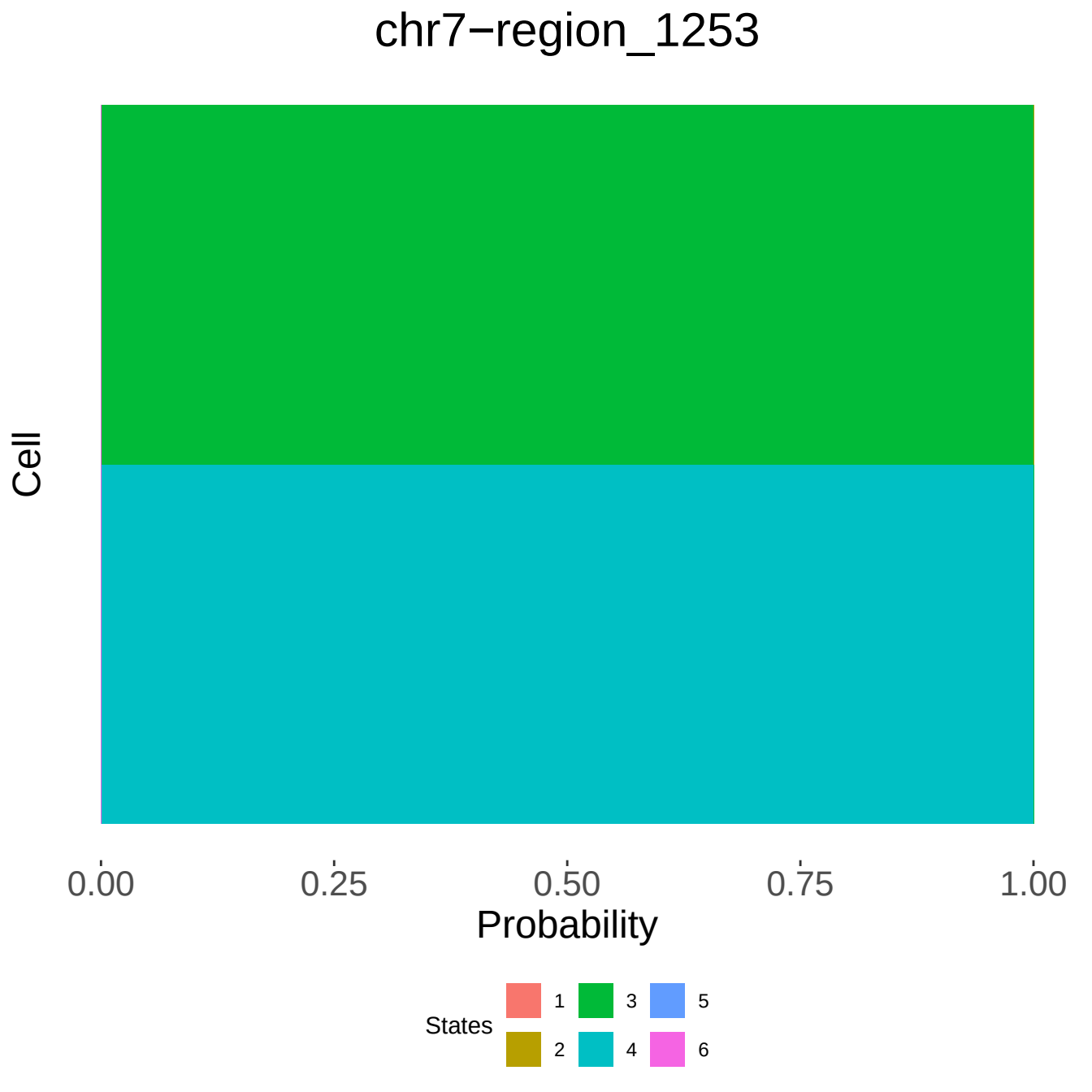
chr7−region_1253
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Probability
States
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3
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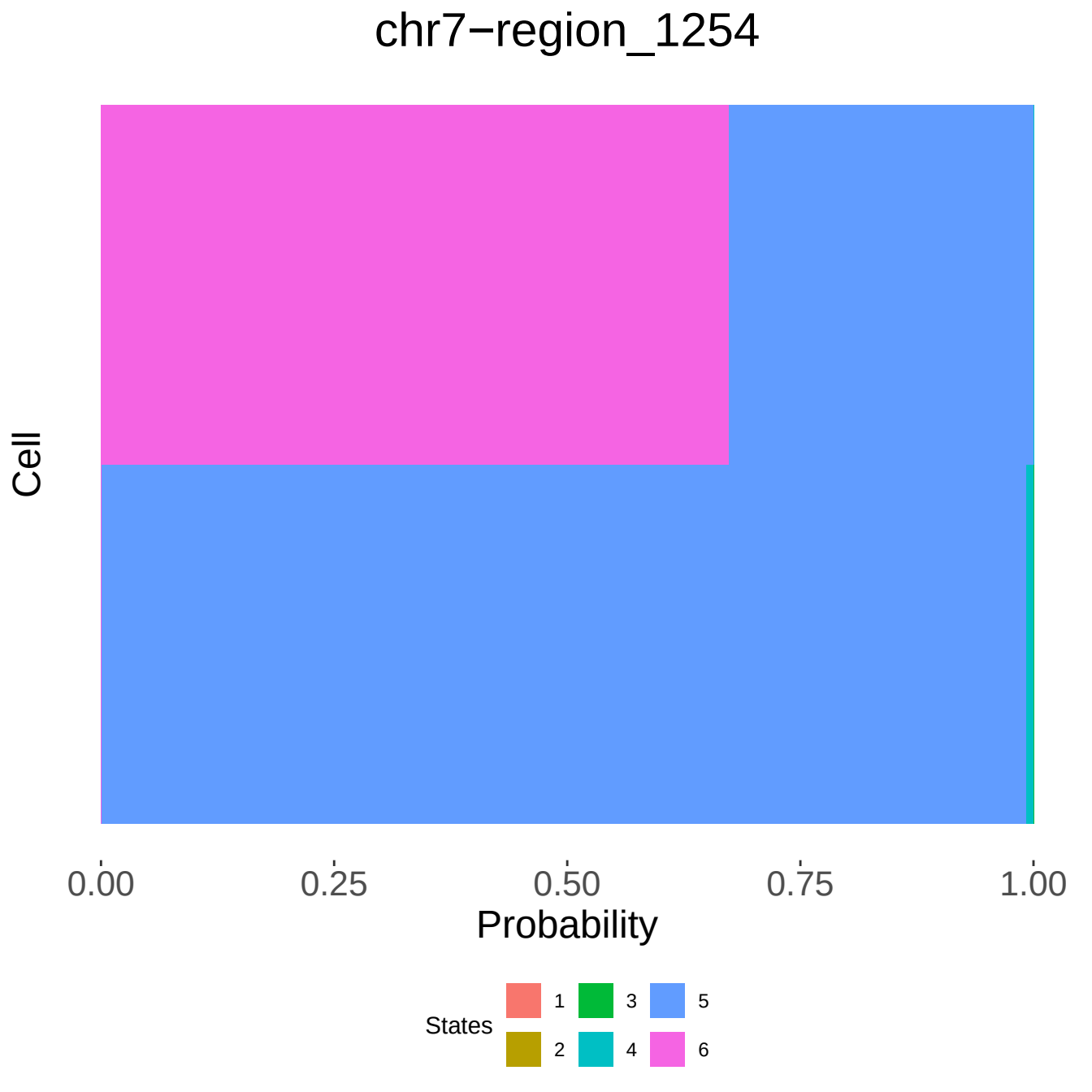
5
6


chr7−region_1254
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Probability
States
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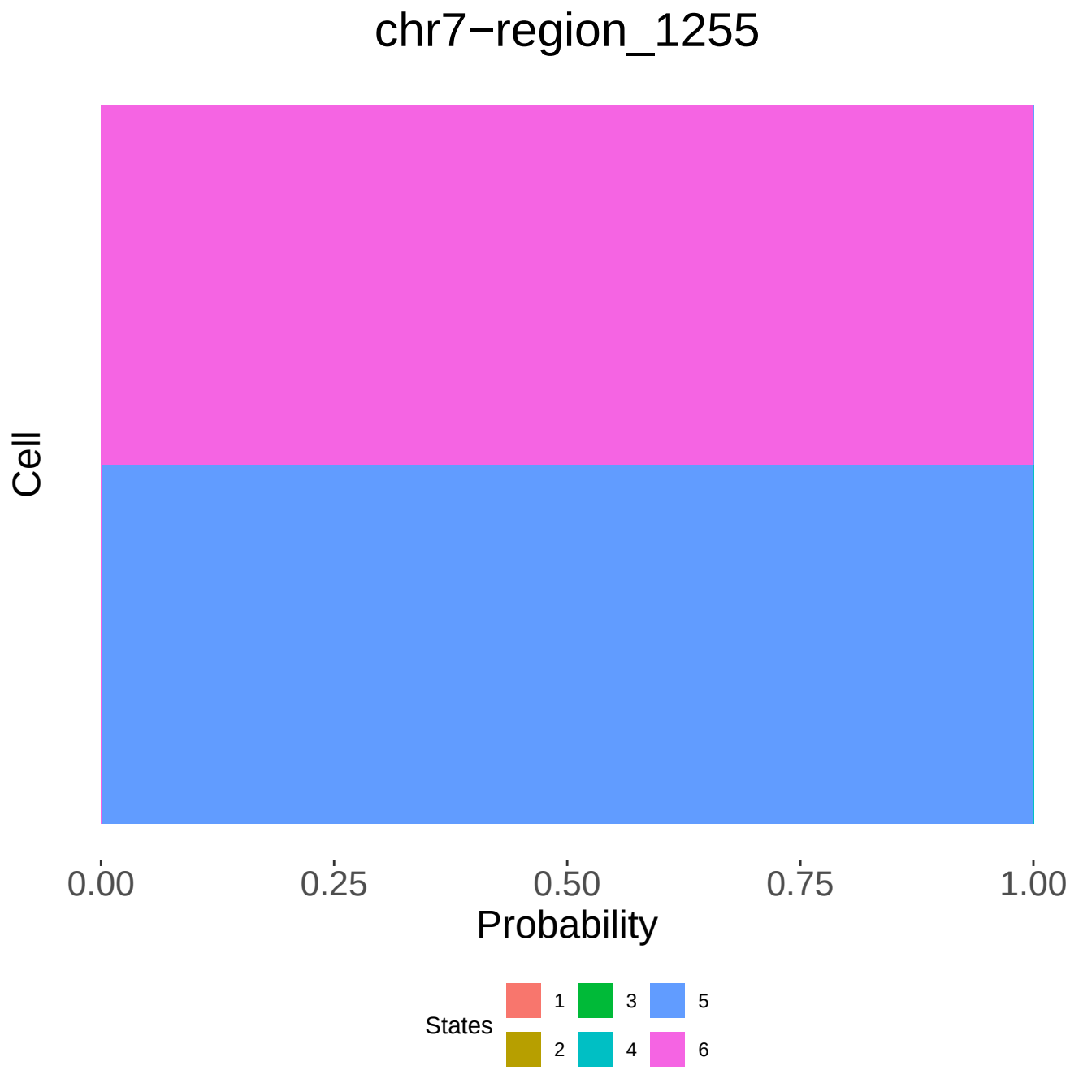
3
4
5
6


chr7−region_1255
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Probability
States
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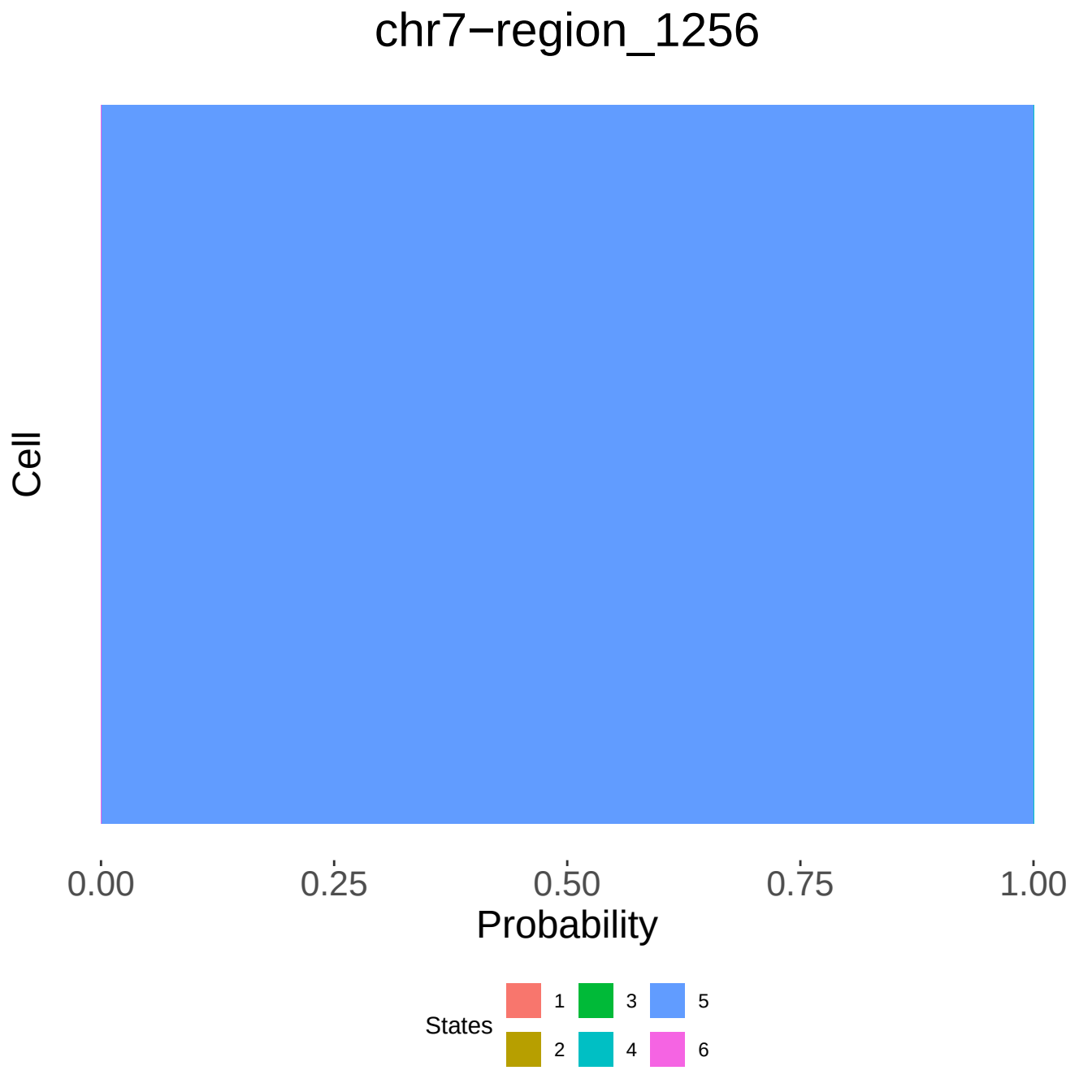
chr7−region_1256
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Probability
States
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3
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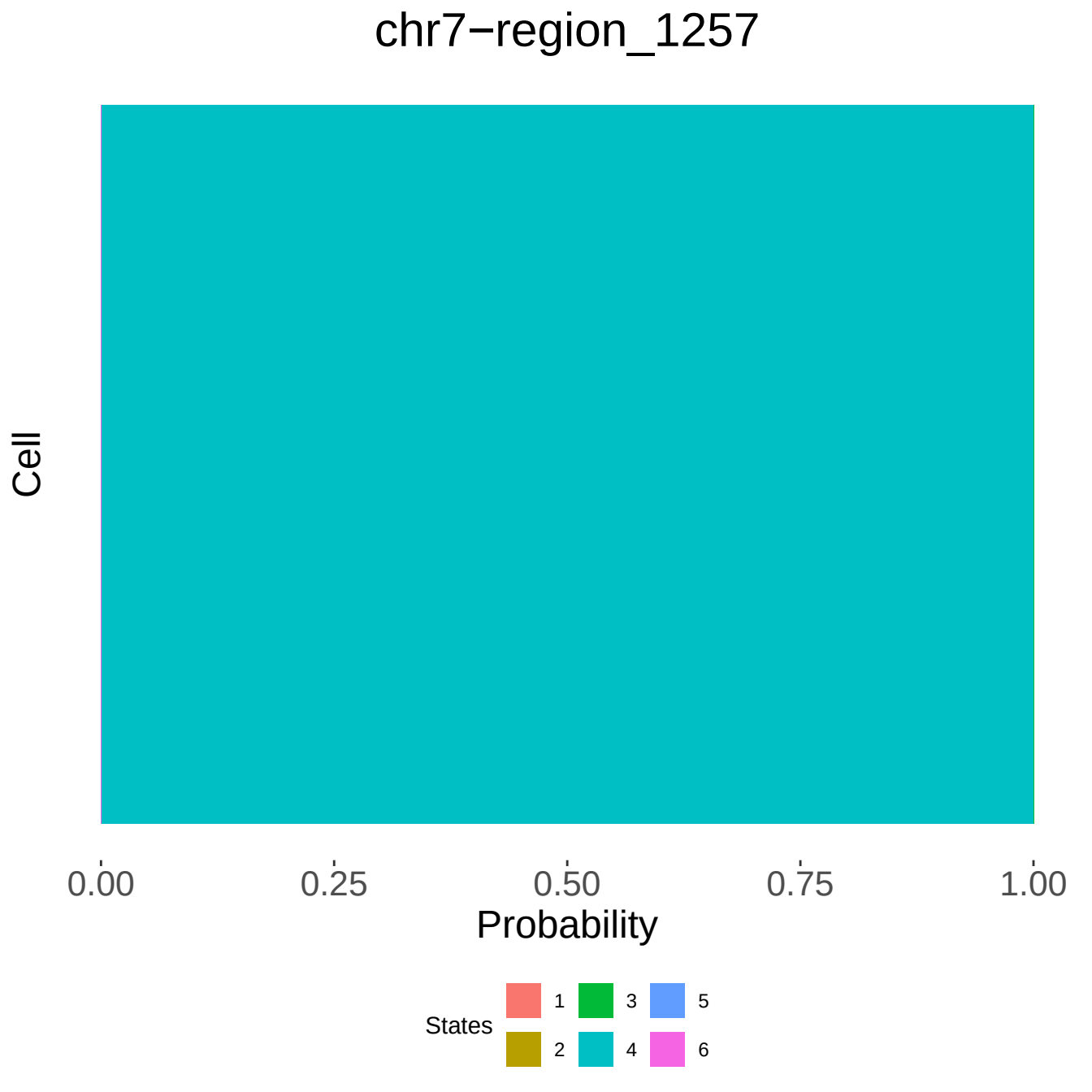
chr7−region_1257
Cell
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Probability
States
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3
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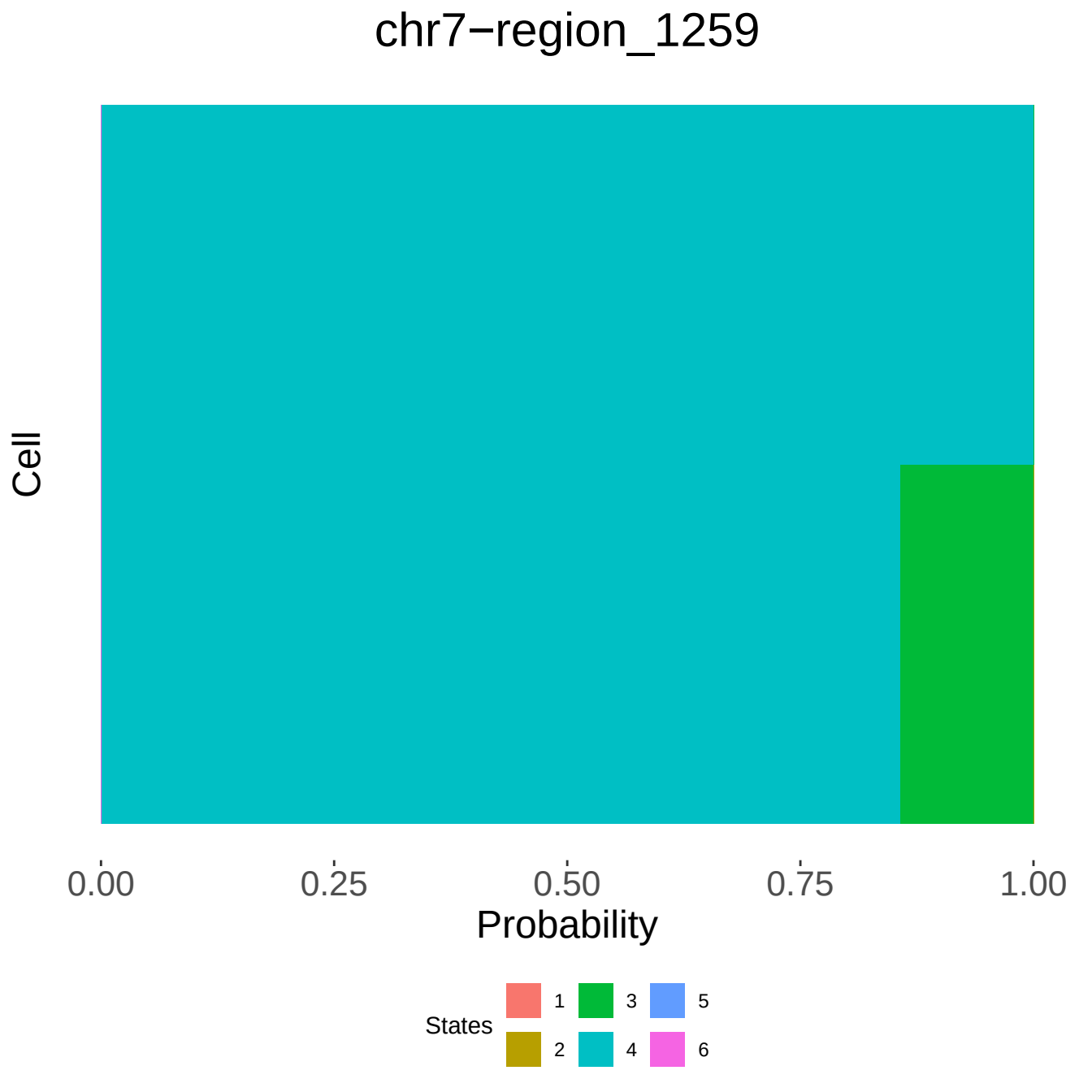
chr7−region_1259
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Probability
States
1
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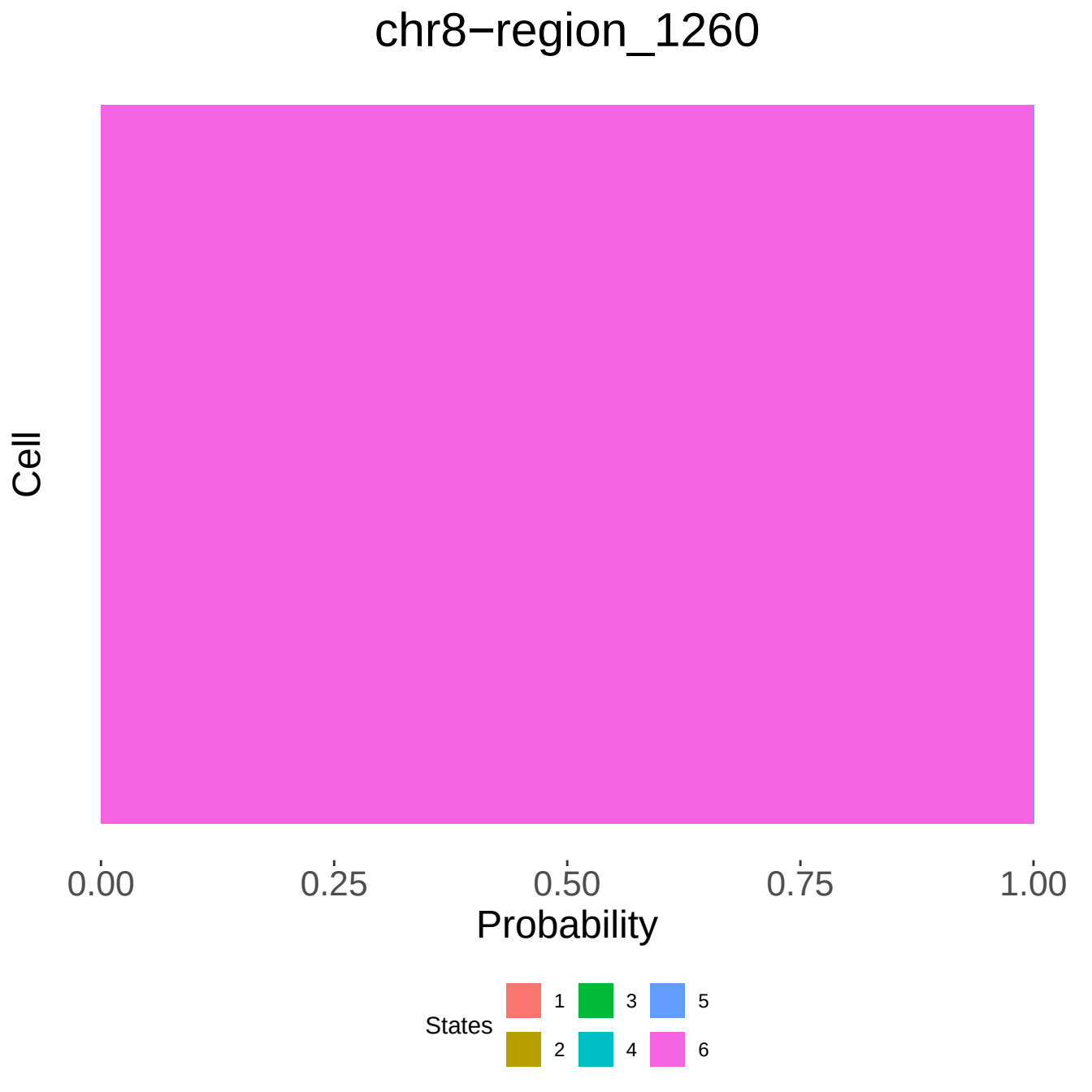
3
4
5
6


chr8−region_1260
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Probability
States
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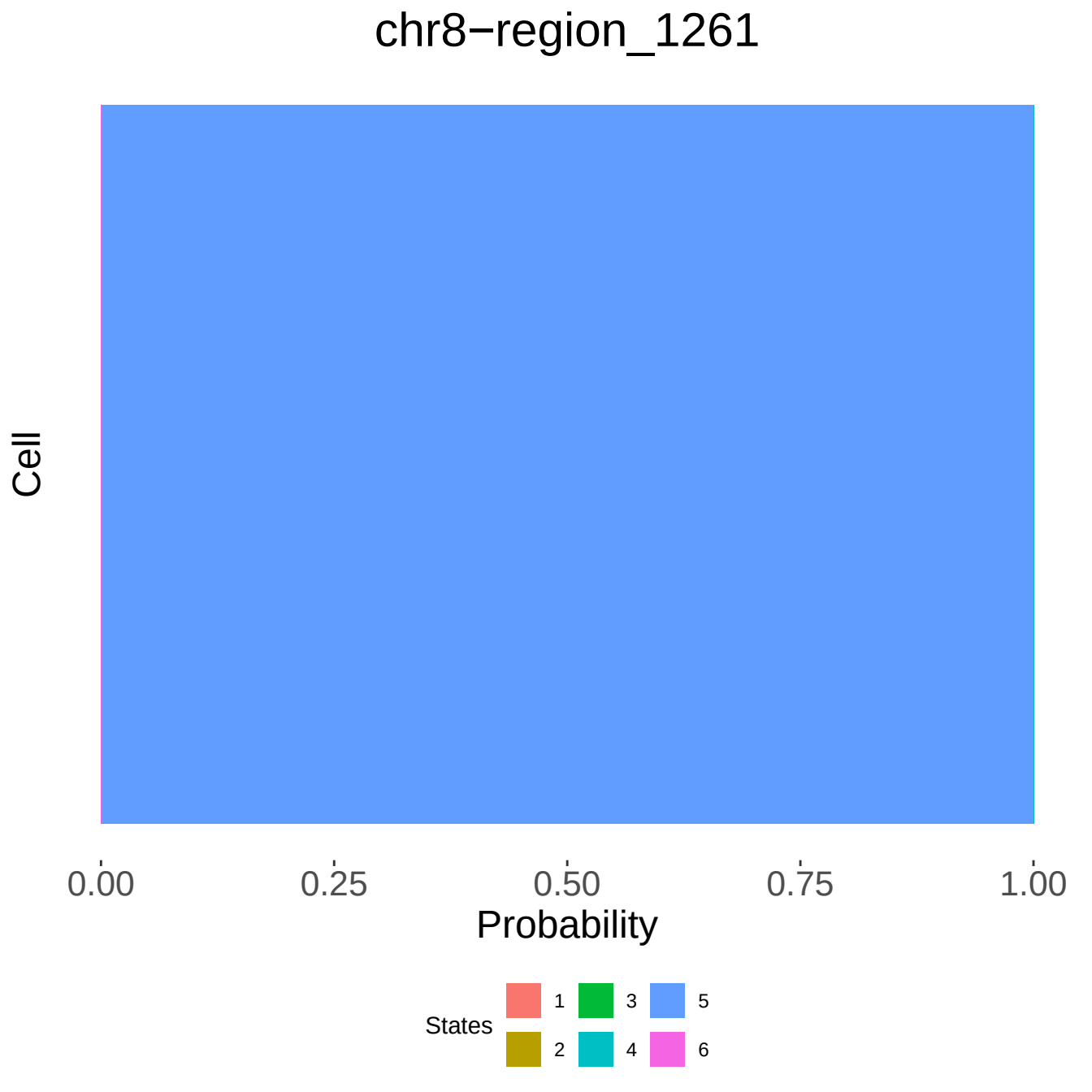
chr8−region_1261
Cell
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0.75
1.00
Probability
States
1
2
3
4
5
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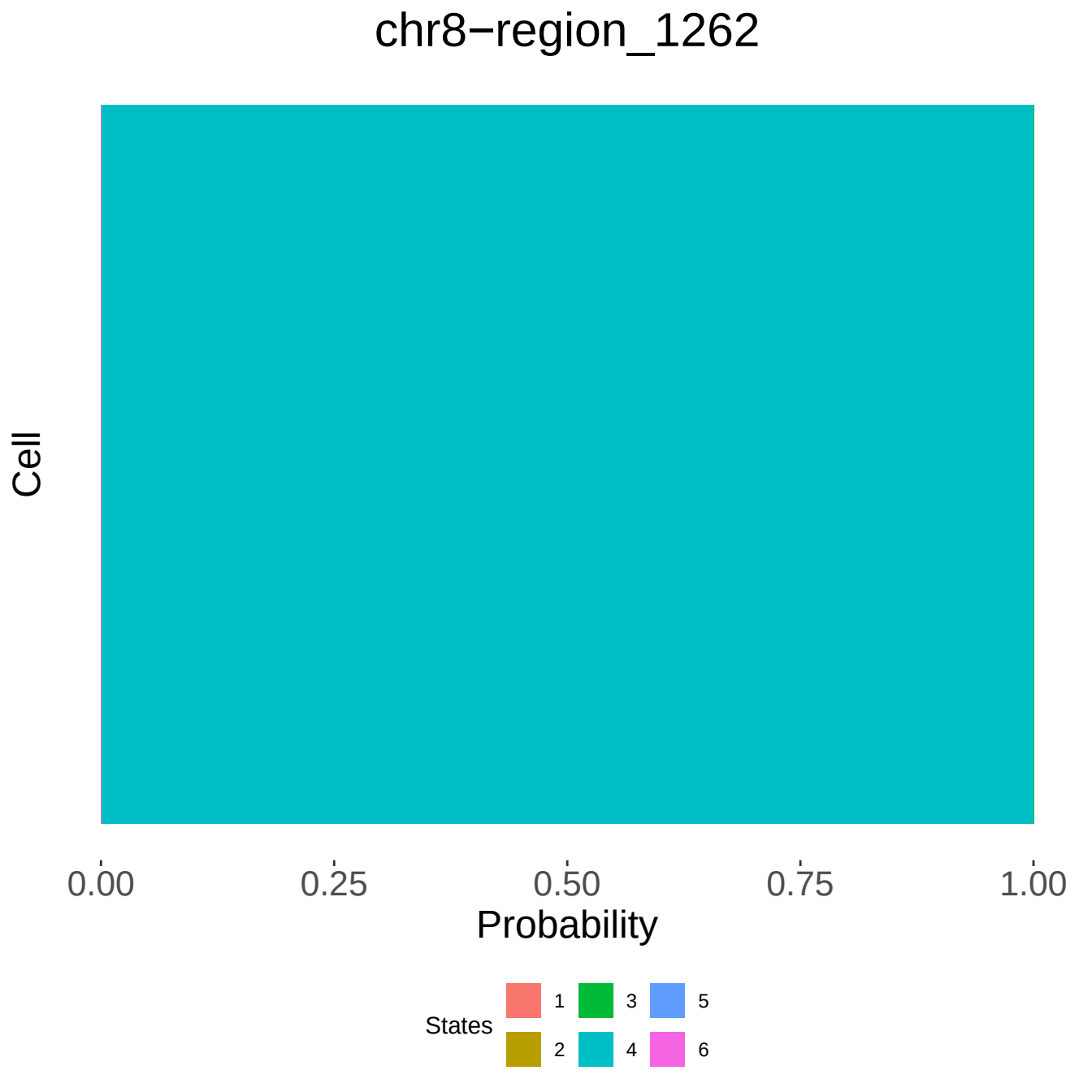
chr8−region_1262
Cell
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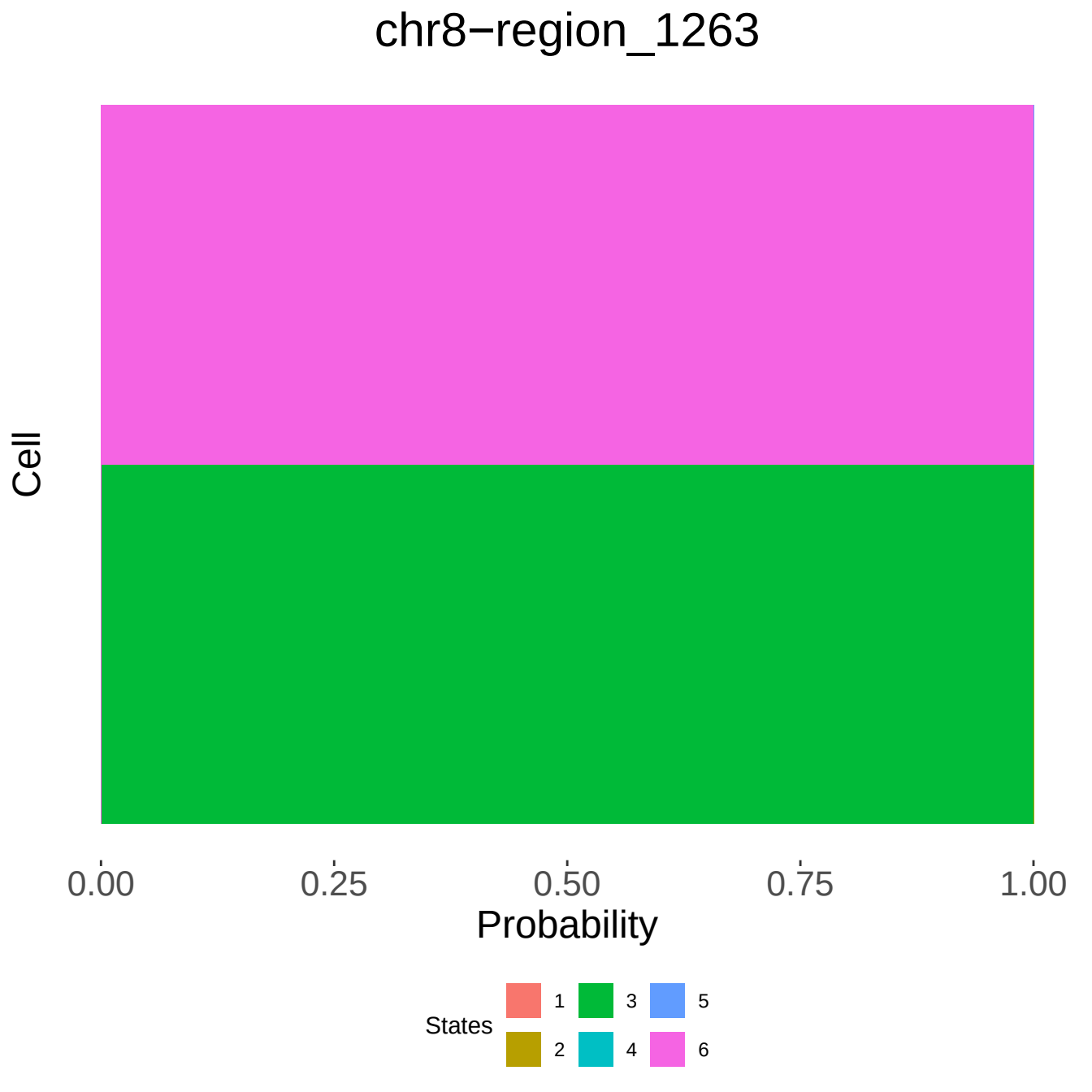
1.00
Probability
States
1
2
3
4
5
6


chr8−region_1263
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1.00
Probability
States
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3
4
5
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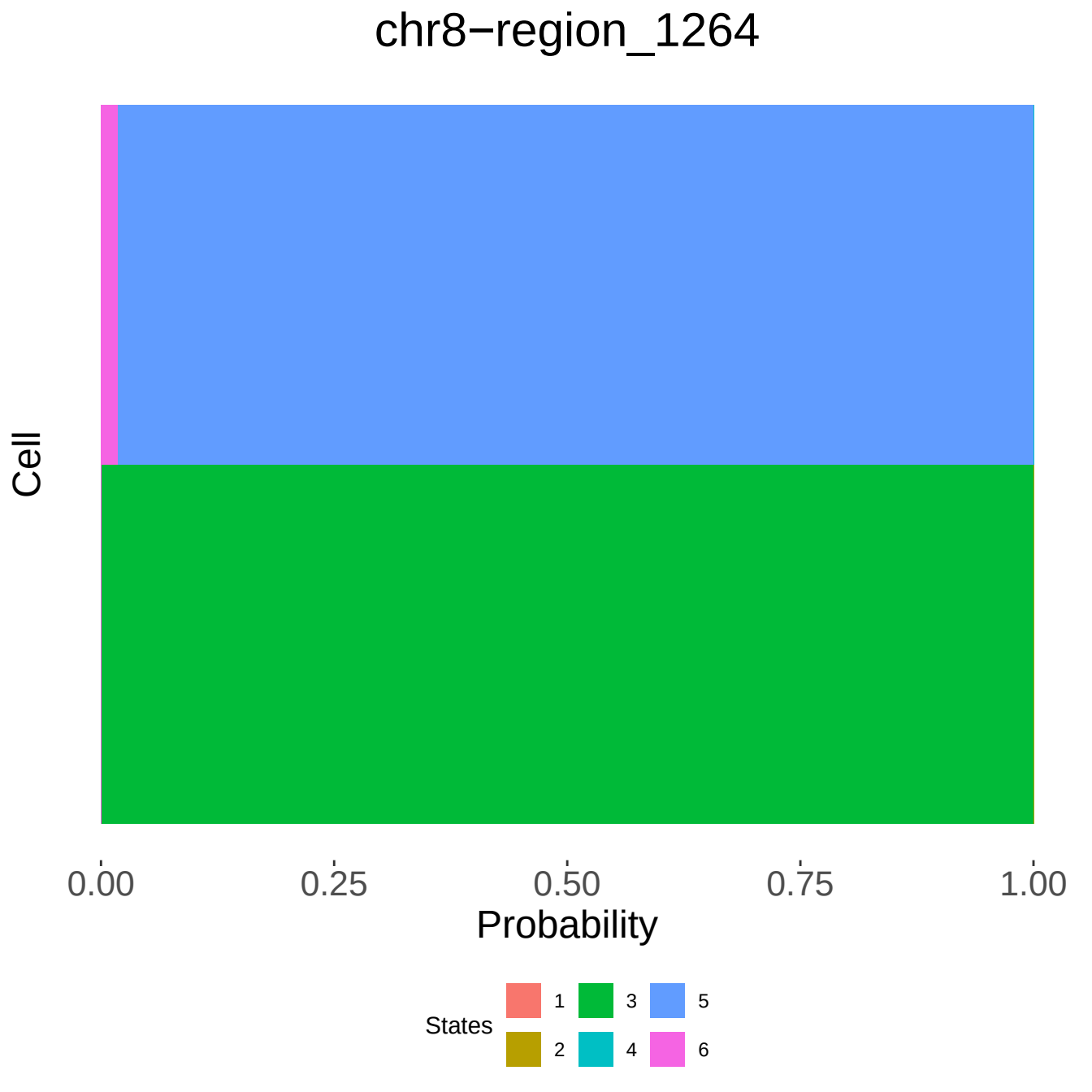
chr8−region_1264
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1.00
Probability
States
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4
5
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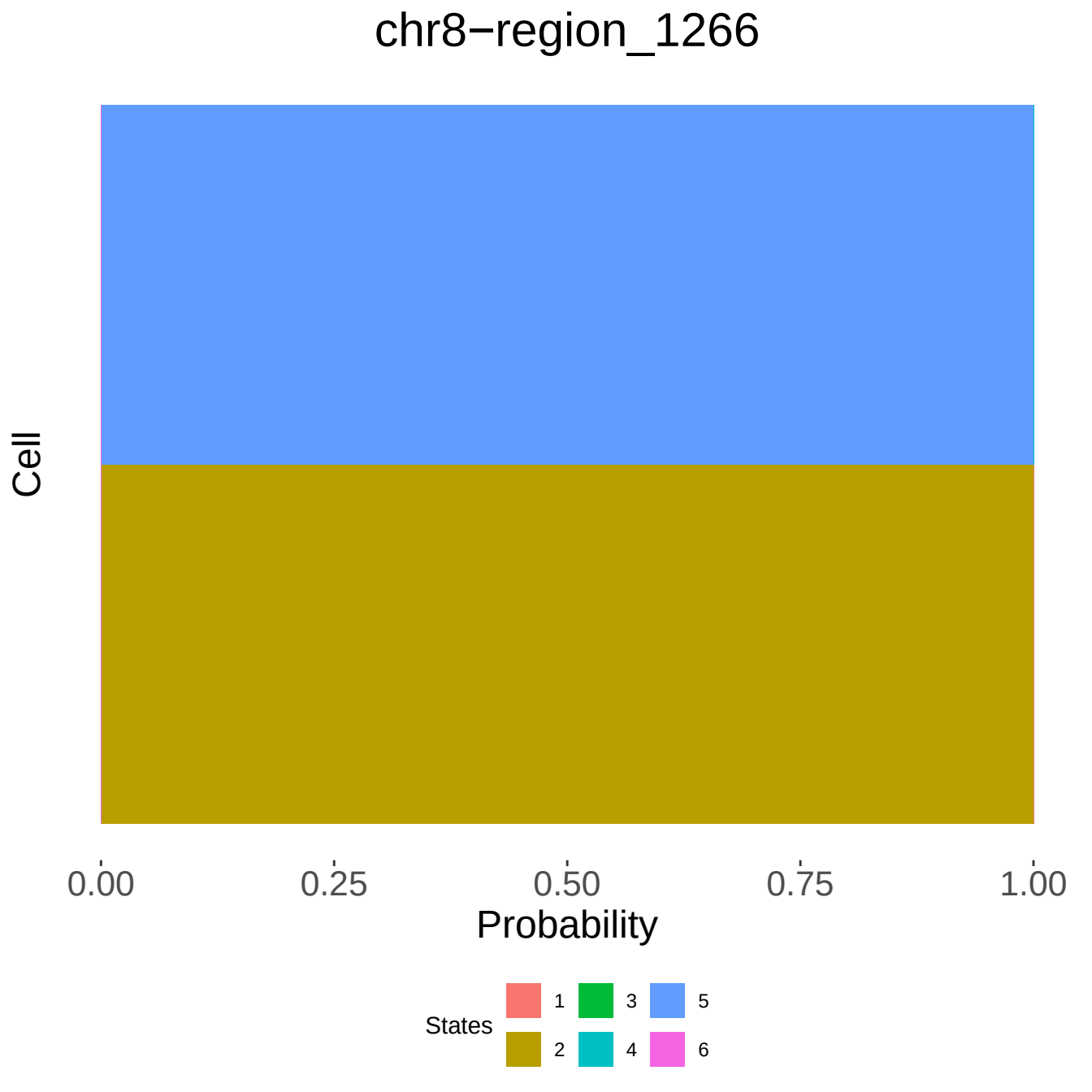
chr8−region_1266
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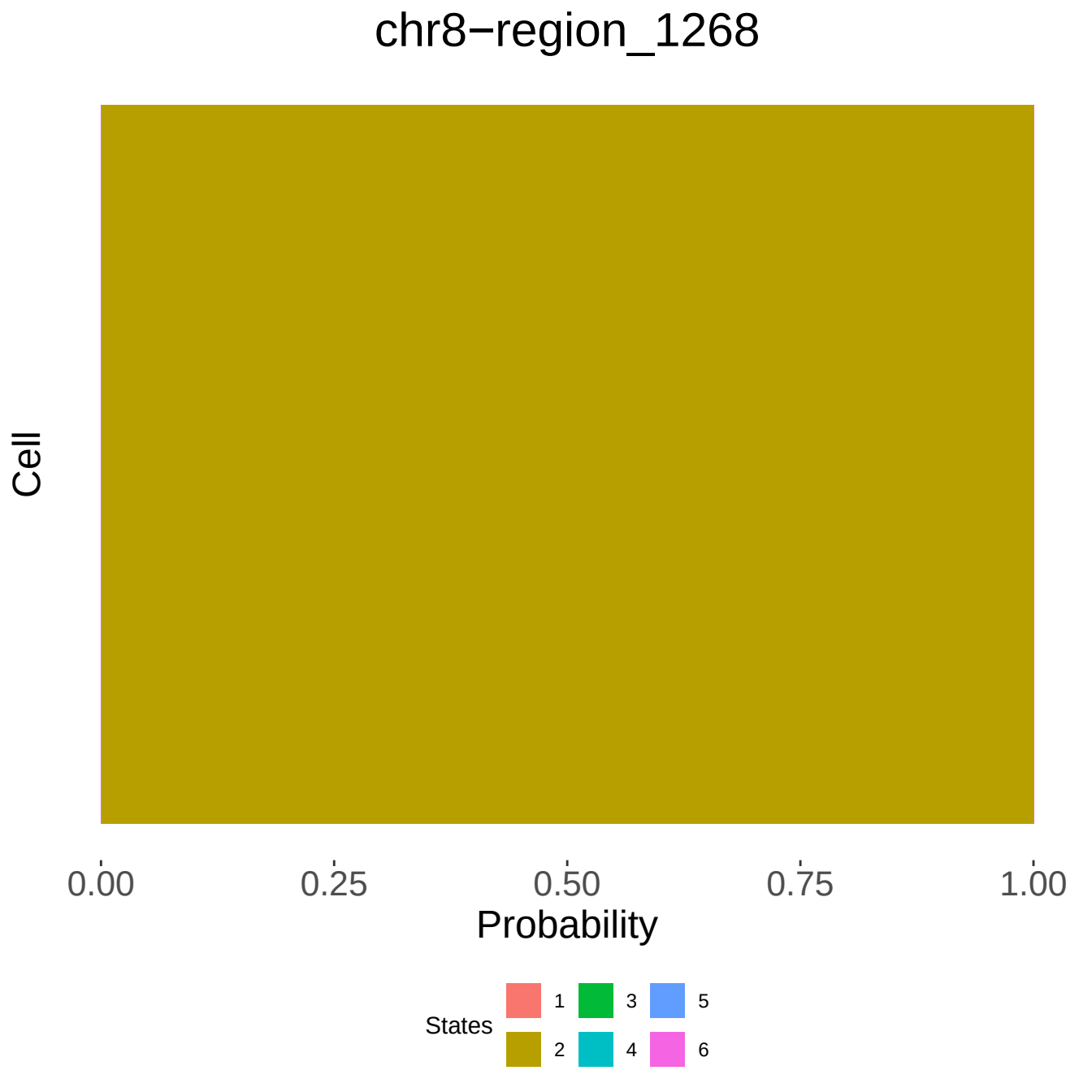
0.50
0.75
1.00
Probability
States
1
2
3
4
5
6


chr8−region_1268
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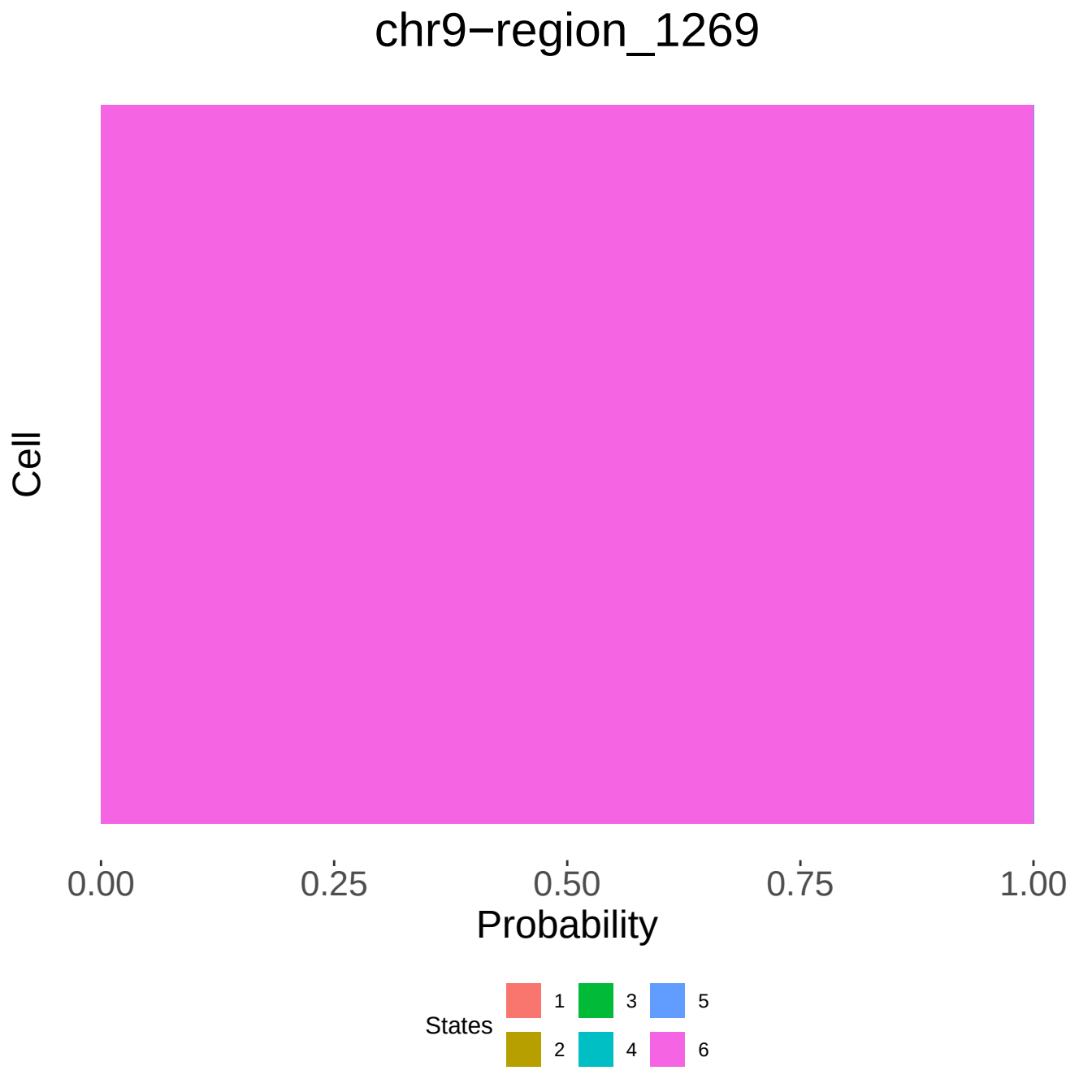
1.00
Probability
States
1
2
3
4
5
6


chr9−region_1269
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1.00
Probability
States
1
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3
4
5
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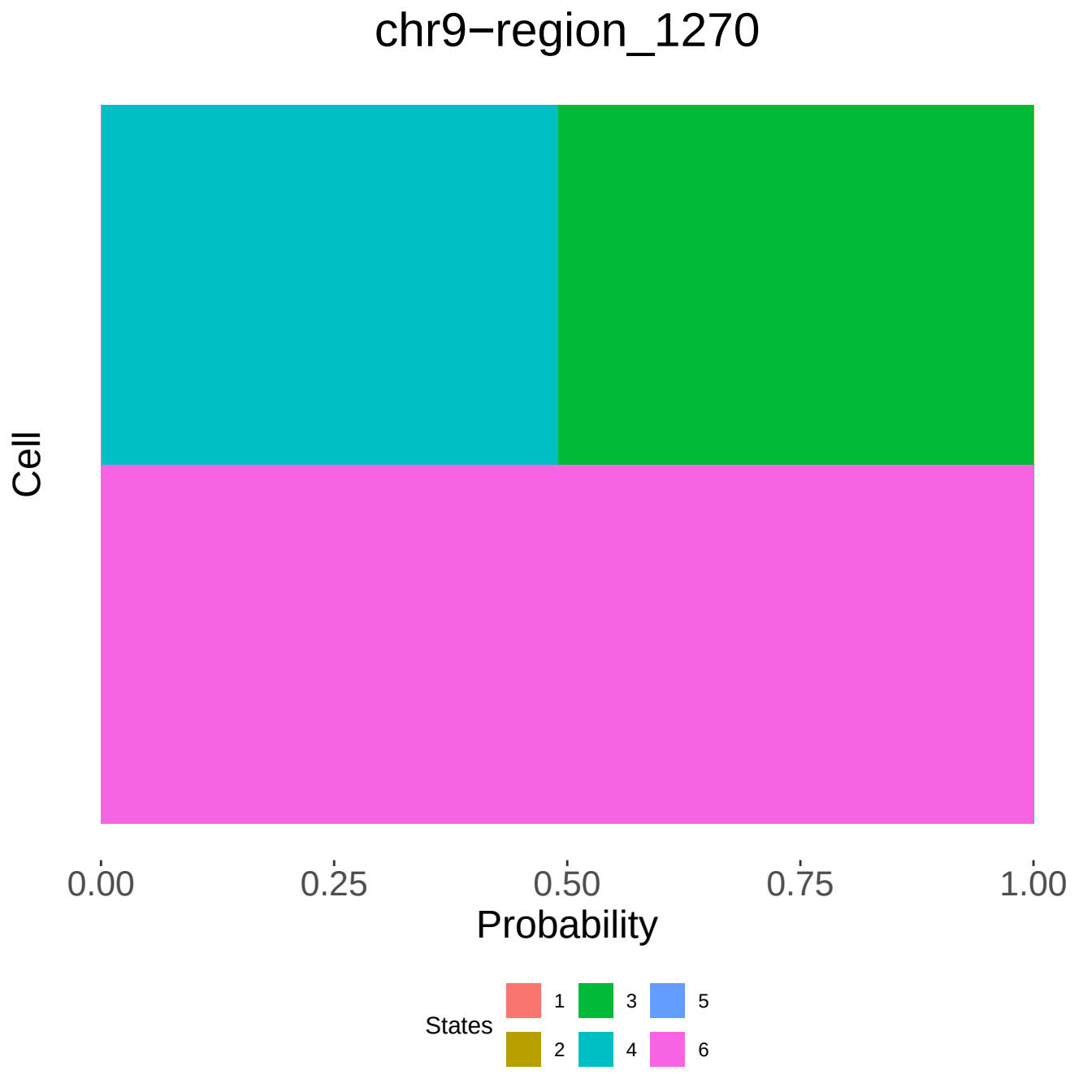
chr9−region_1270
Cell
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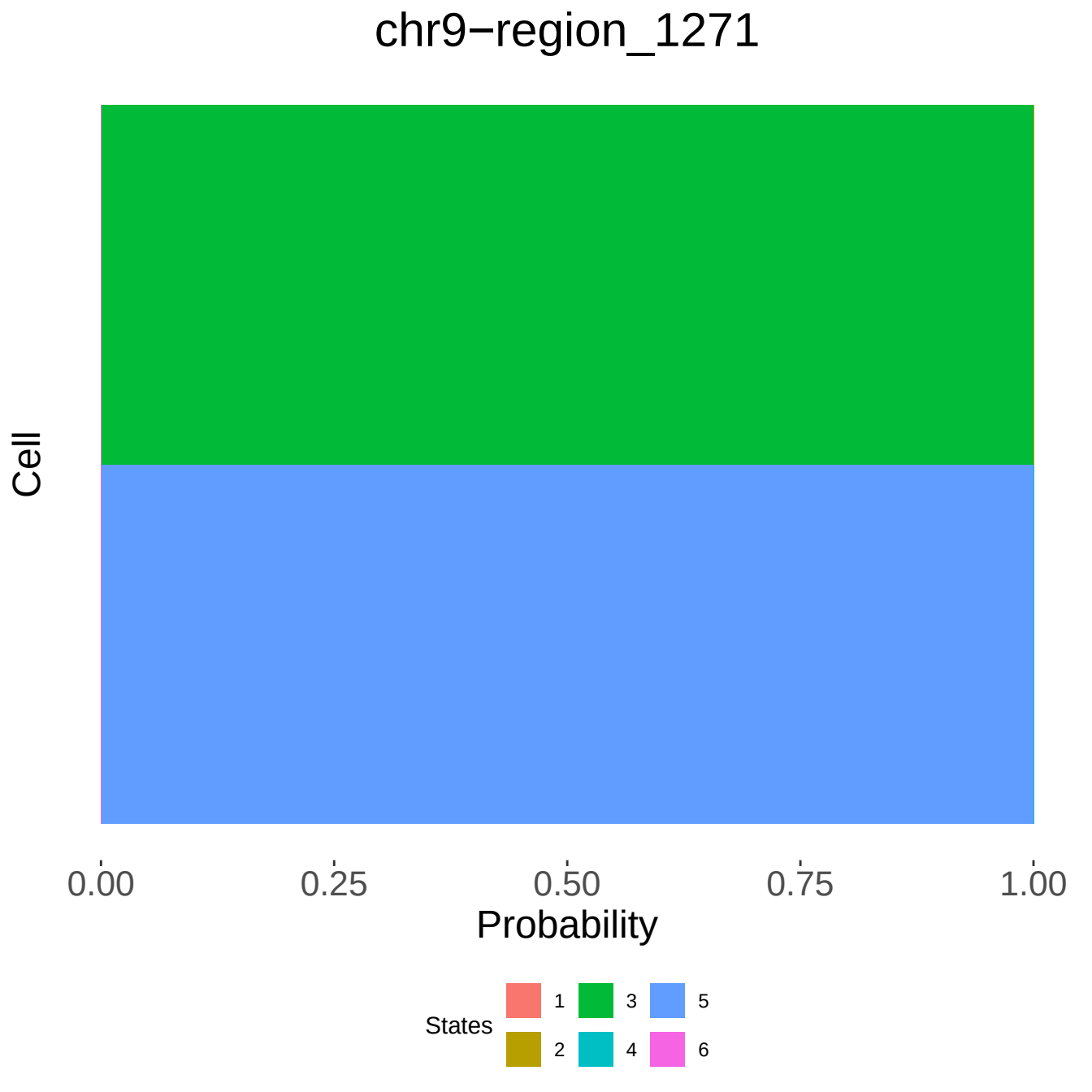
0.25
0.50
0.75
1.00
Probability
States
1
3
5
2
4
6


chr9−region_1271
Cell
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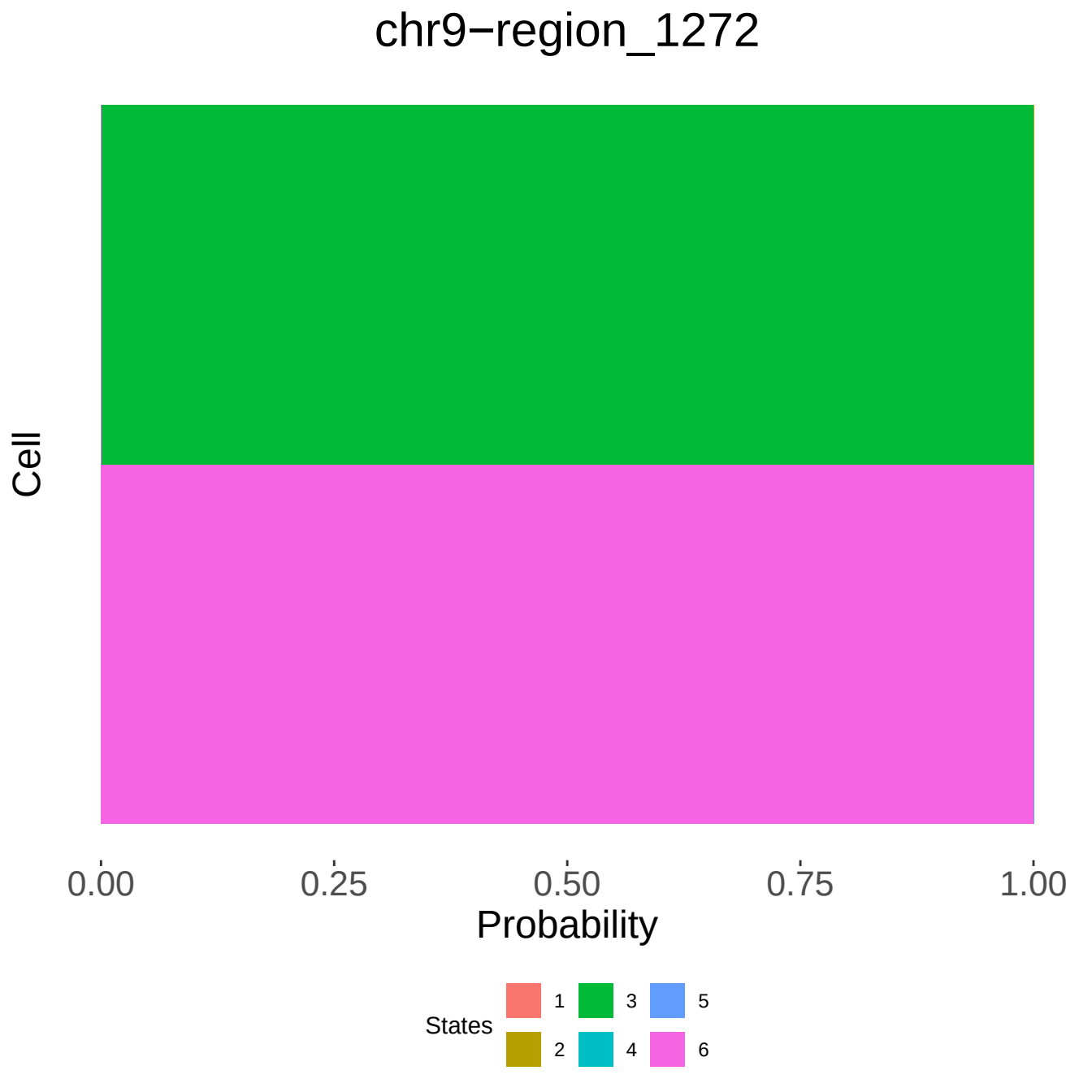
0.50
0.75
1.00
Probability
States
1
2
3
4
5
6


chr9−region_1272
Cell
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0.50
0.75
1.00
Probability
States
1
2
3
4
5
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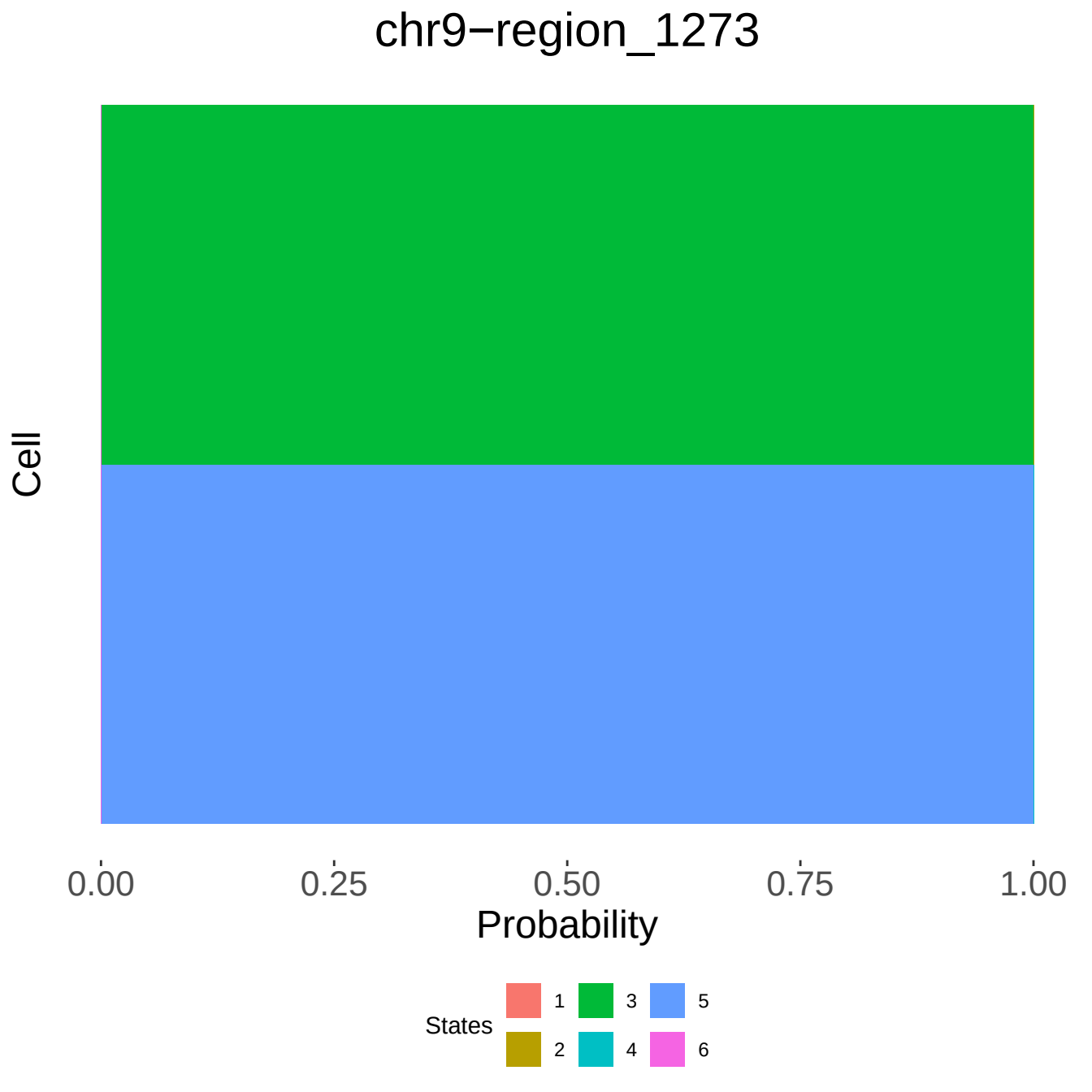
chr9−region_1273
Cell
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0.50
0.75
1.00
Probability
States
1
2
3
4
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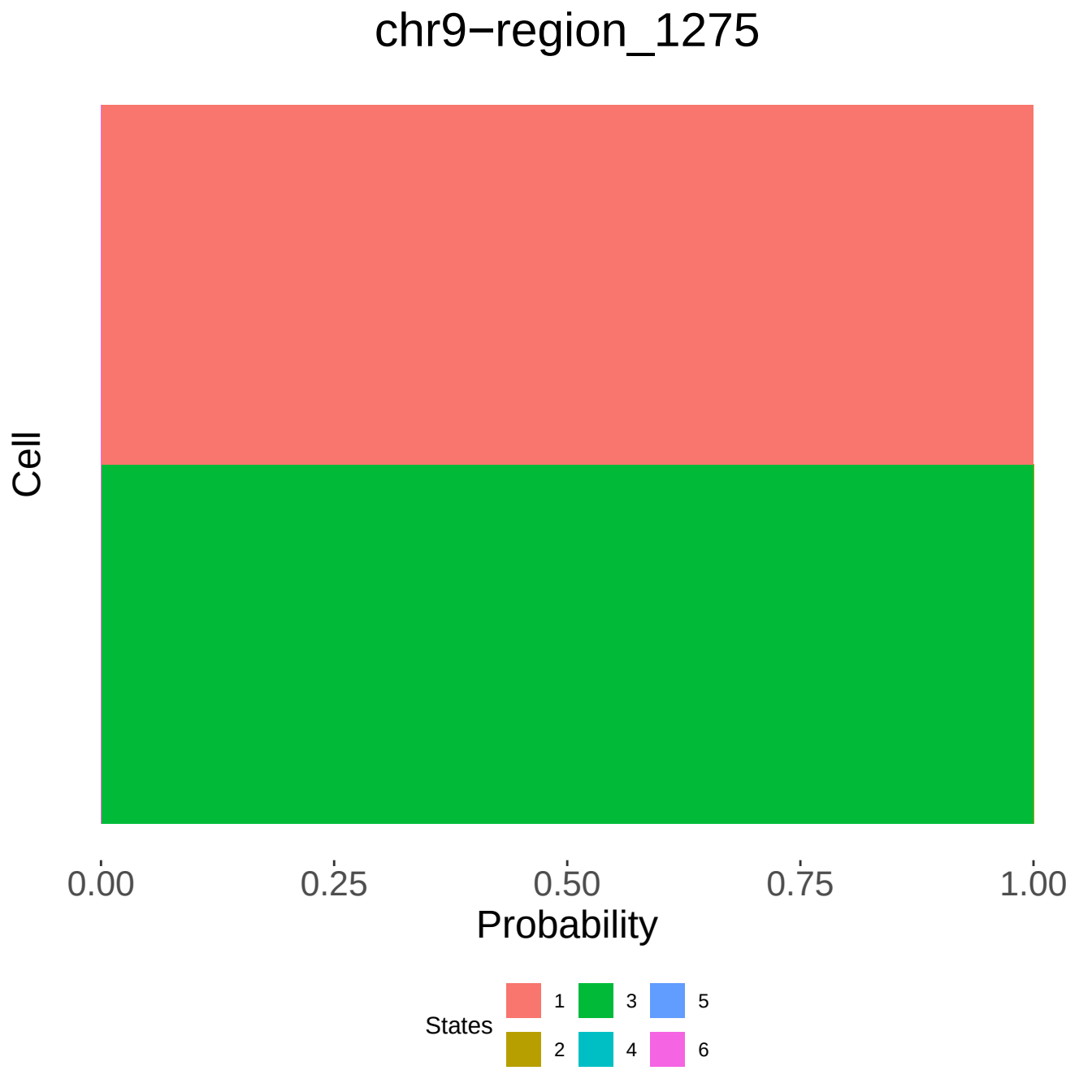
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Probability
States
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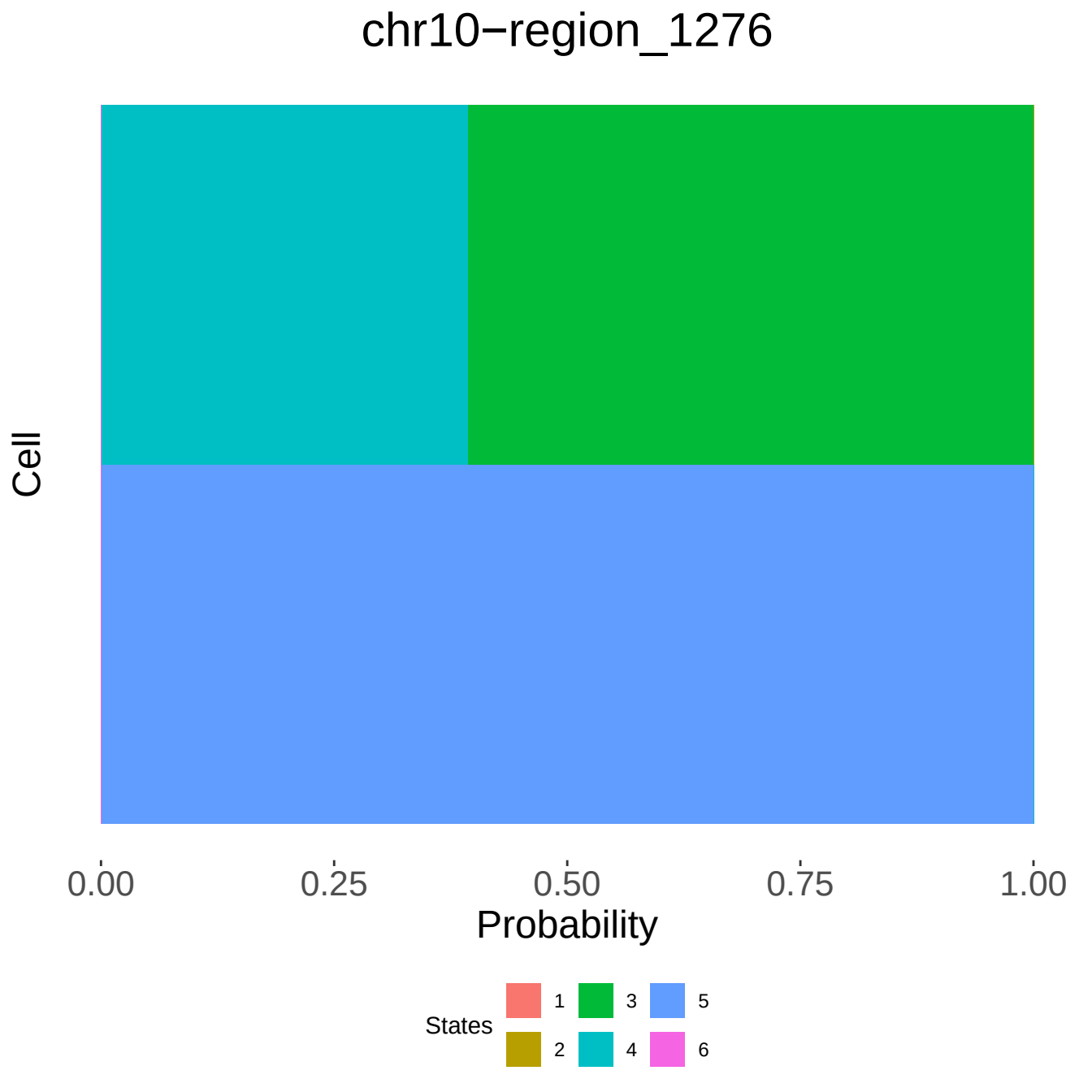
chr10−region_1276
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Probability
States
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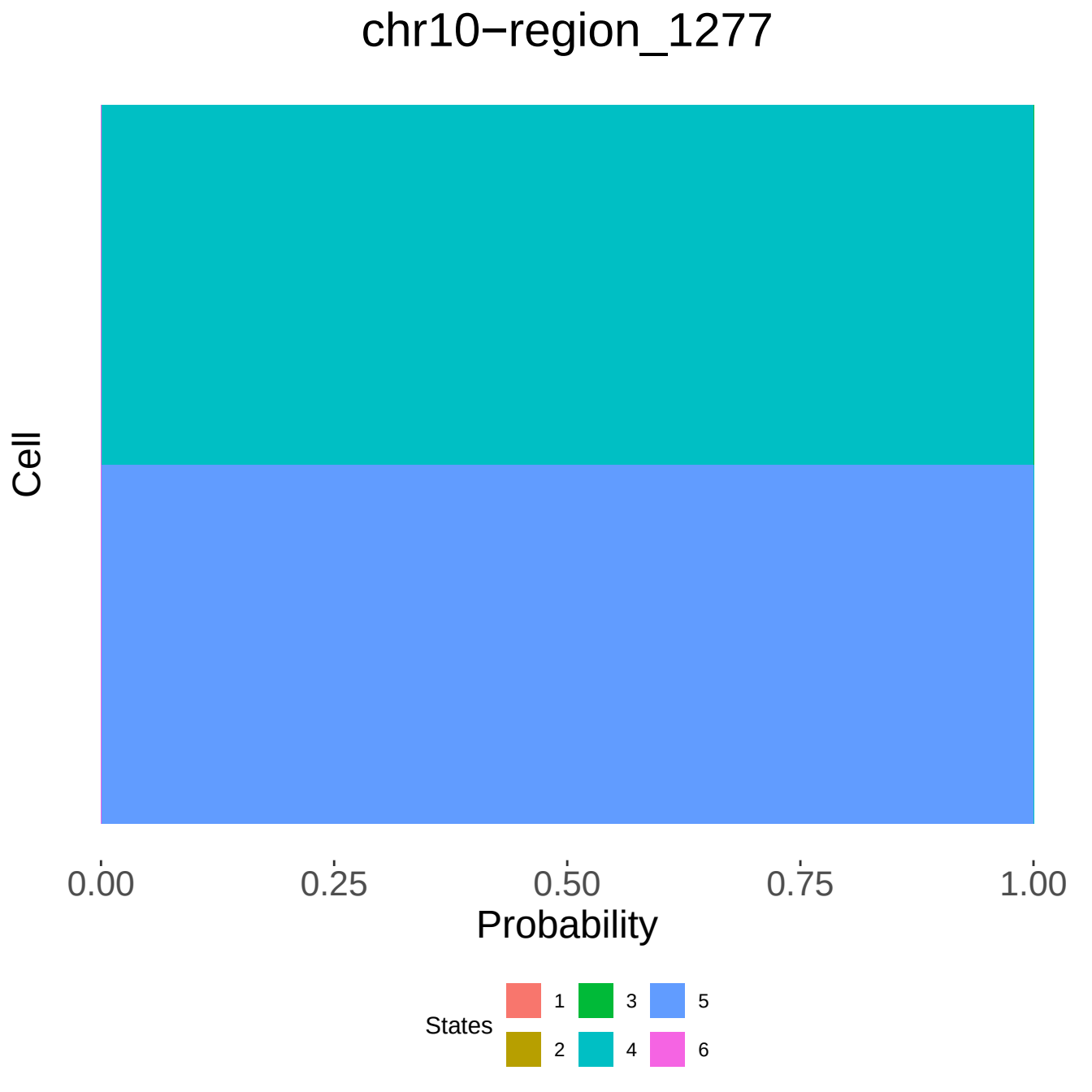
chr10−region_1277
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Probability
States
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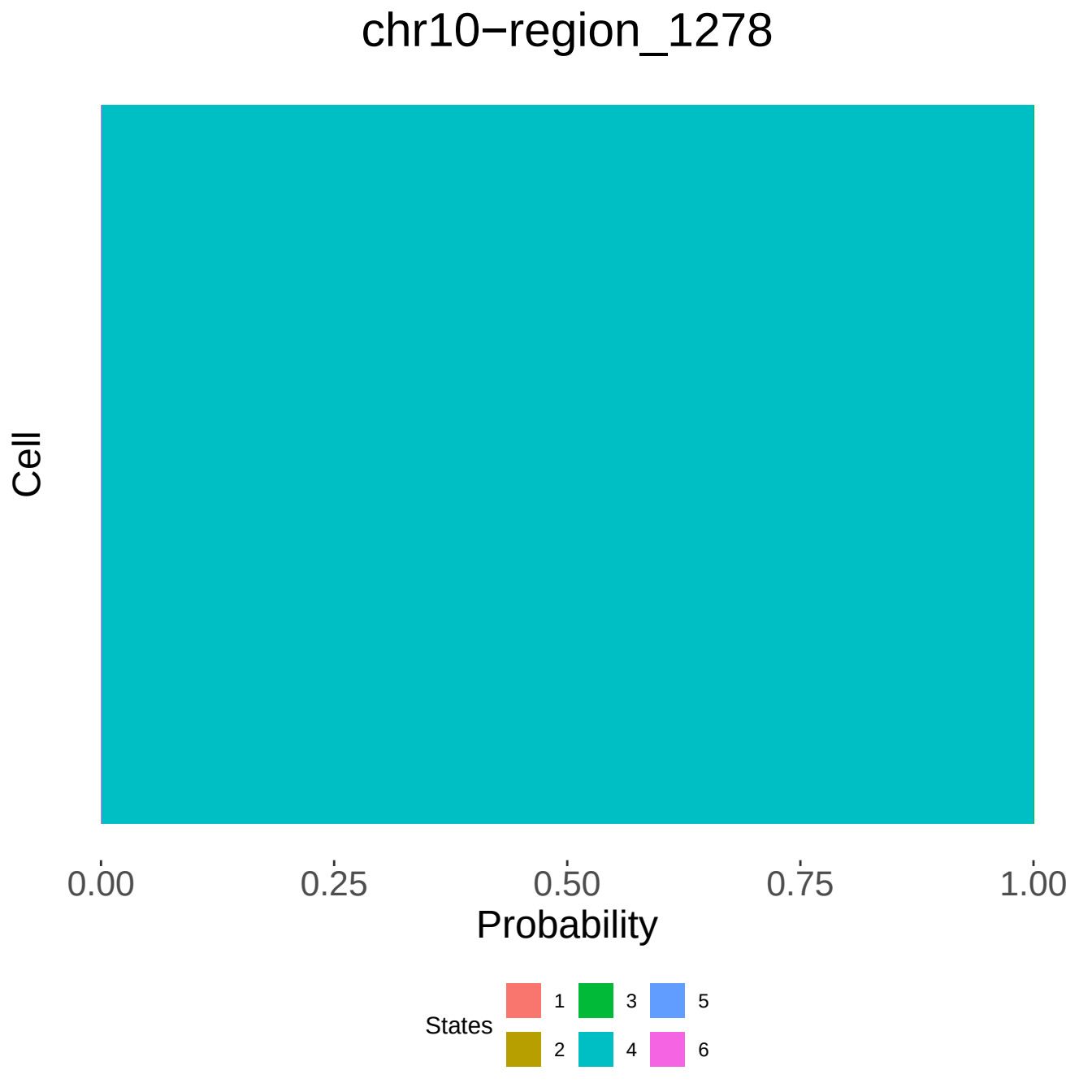
chr10−region_1278
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Probability
States
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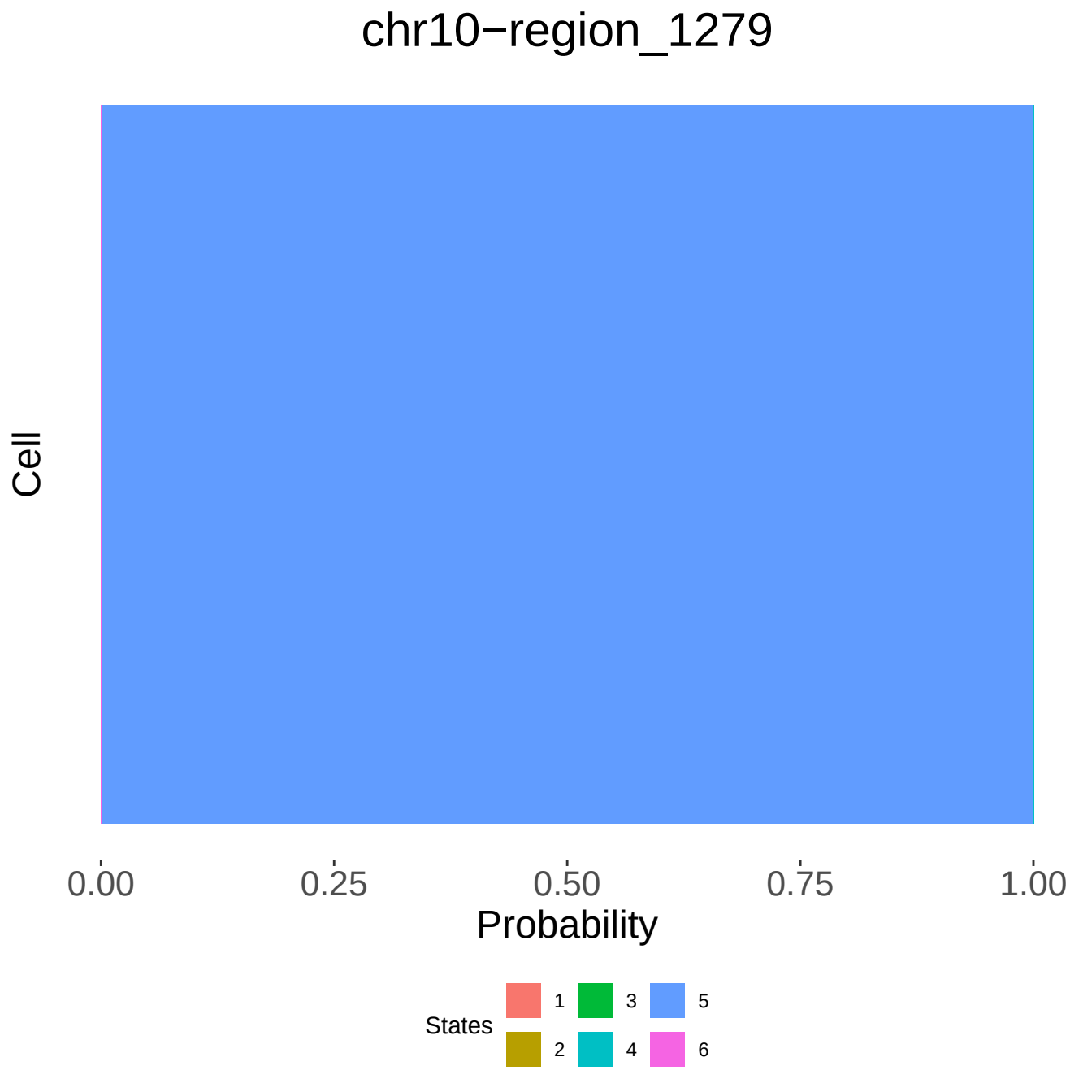
chr10−region_1279
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Probability
States
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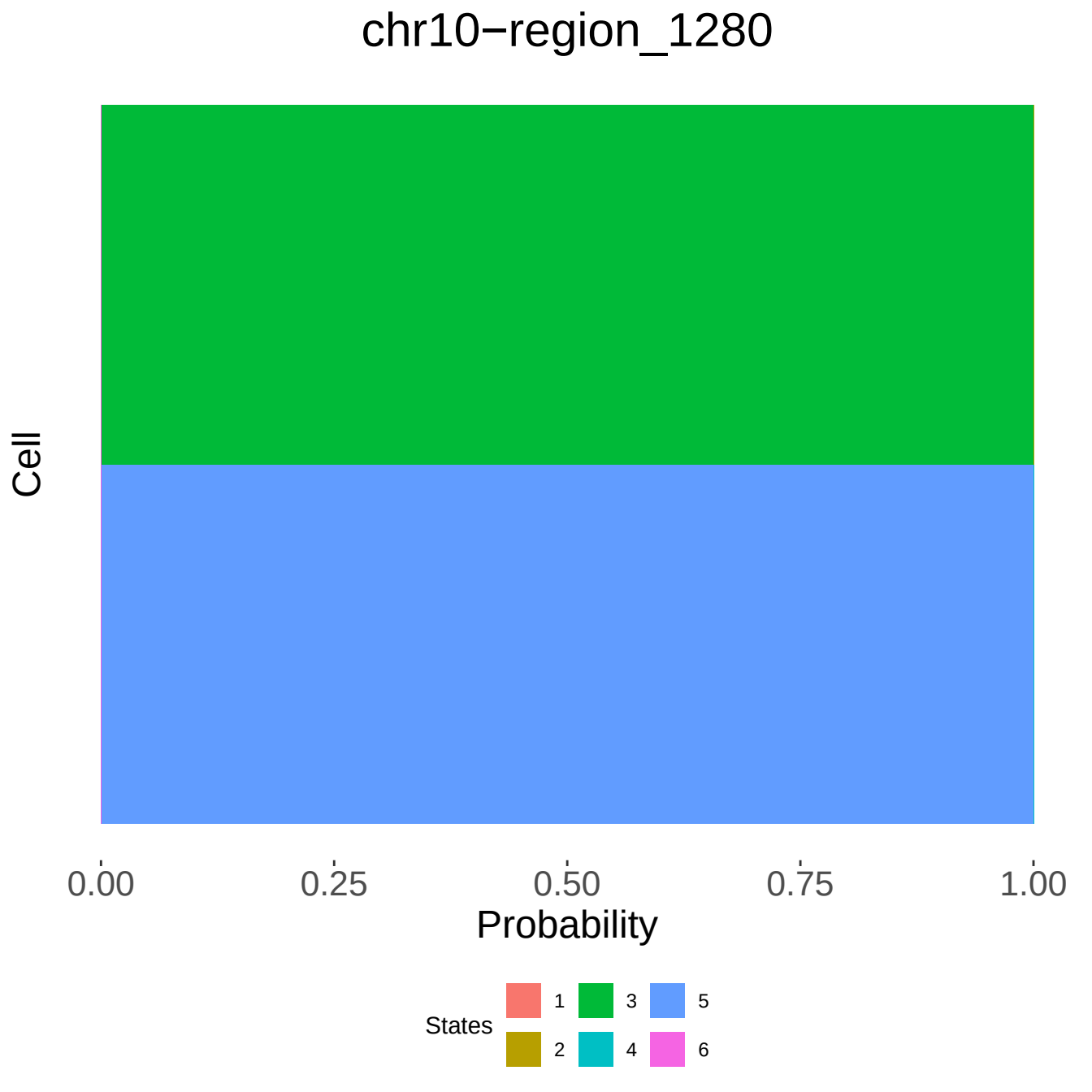
chr10−region_1280
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Probability
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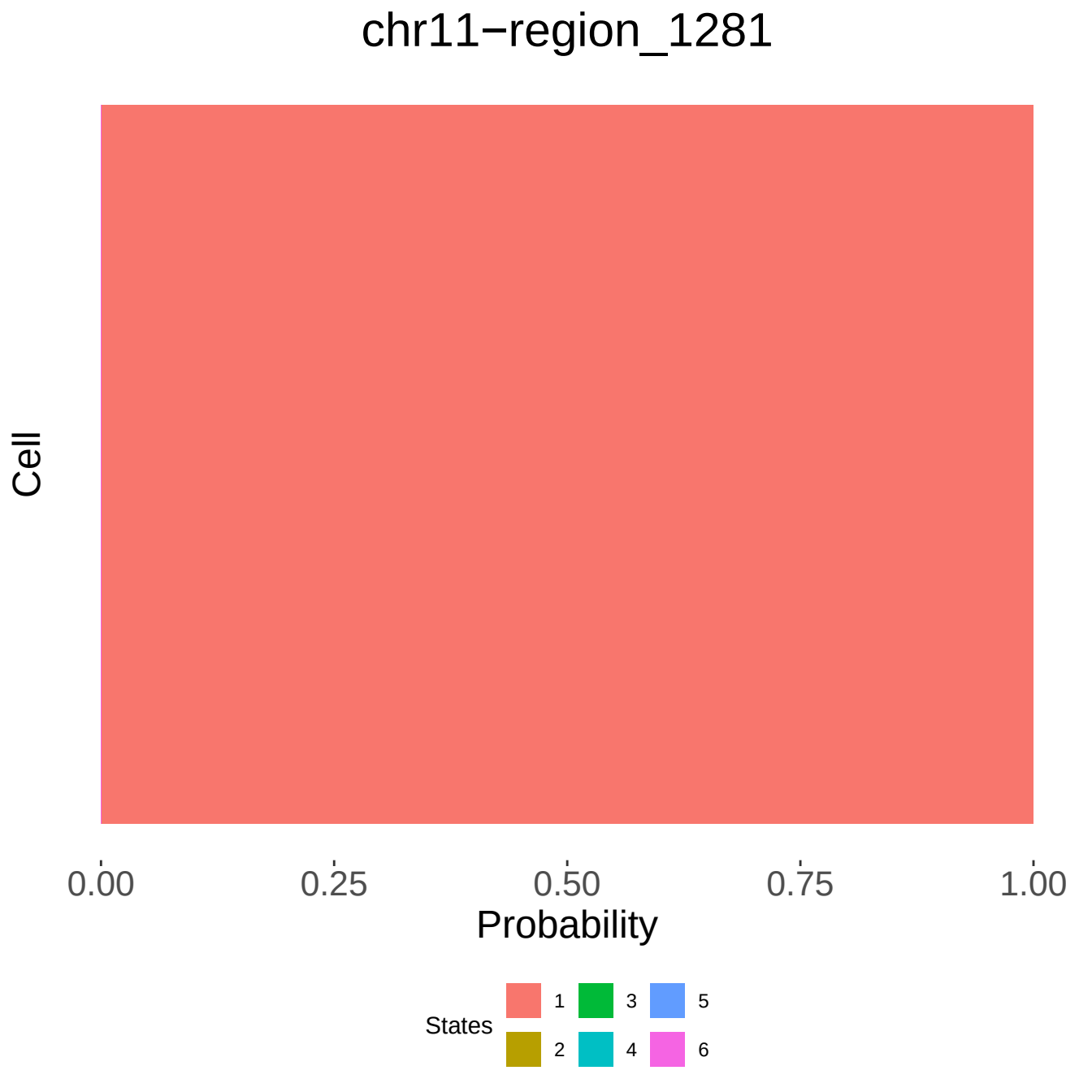
chr11−region_1281
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Probability
States
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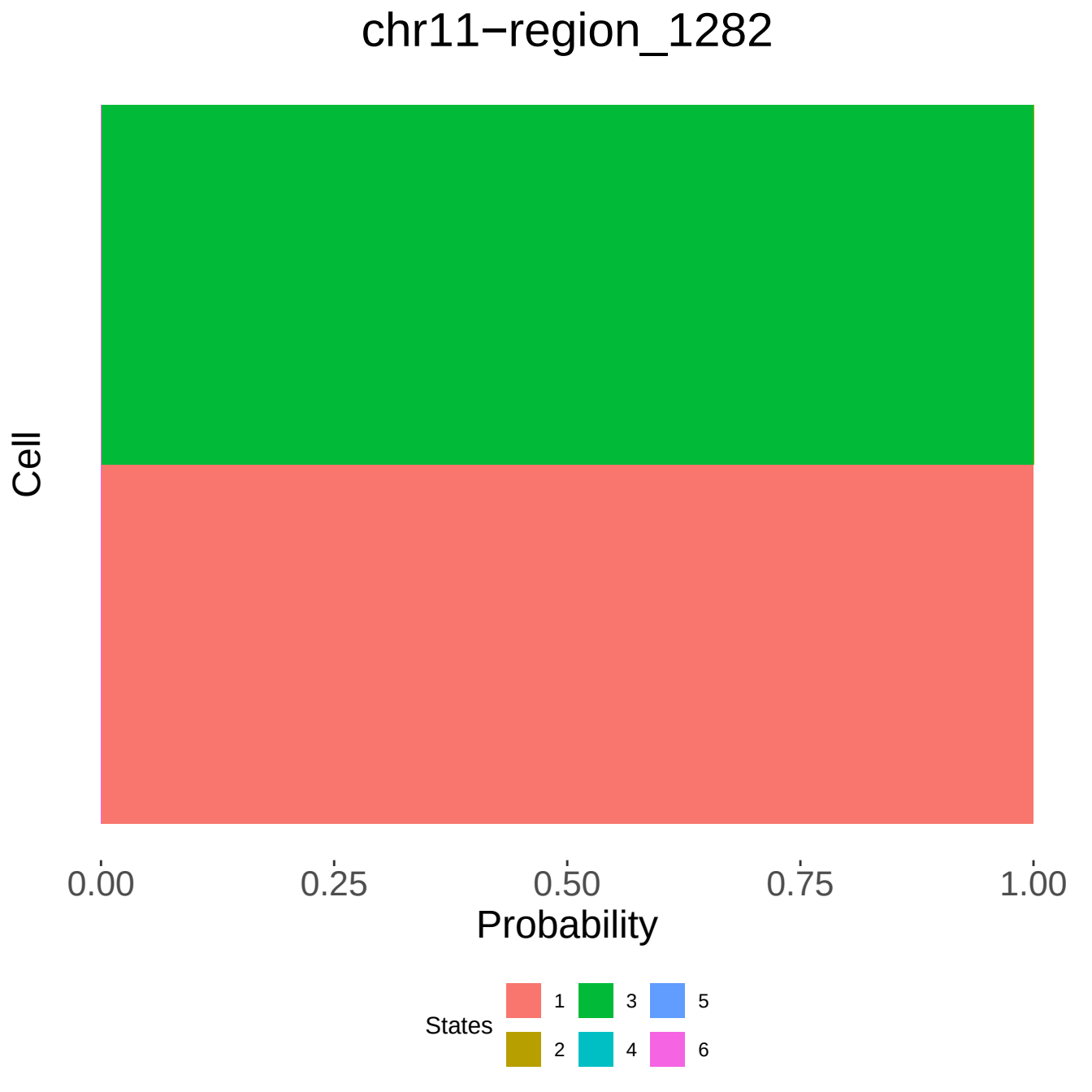
chr11−region_1282
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Probability
States
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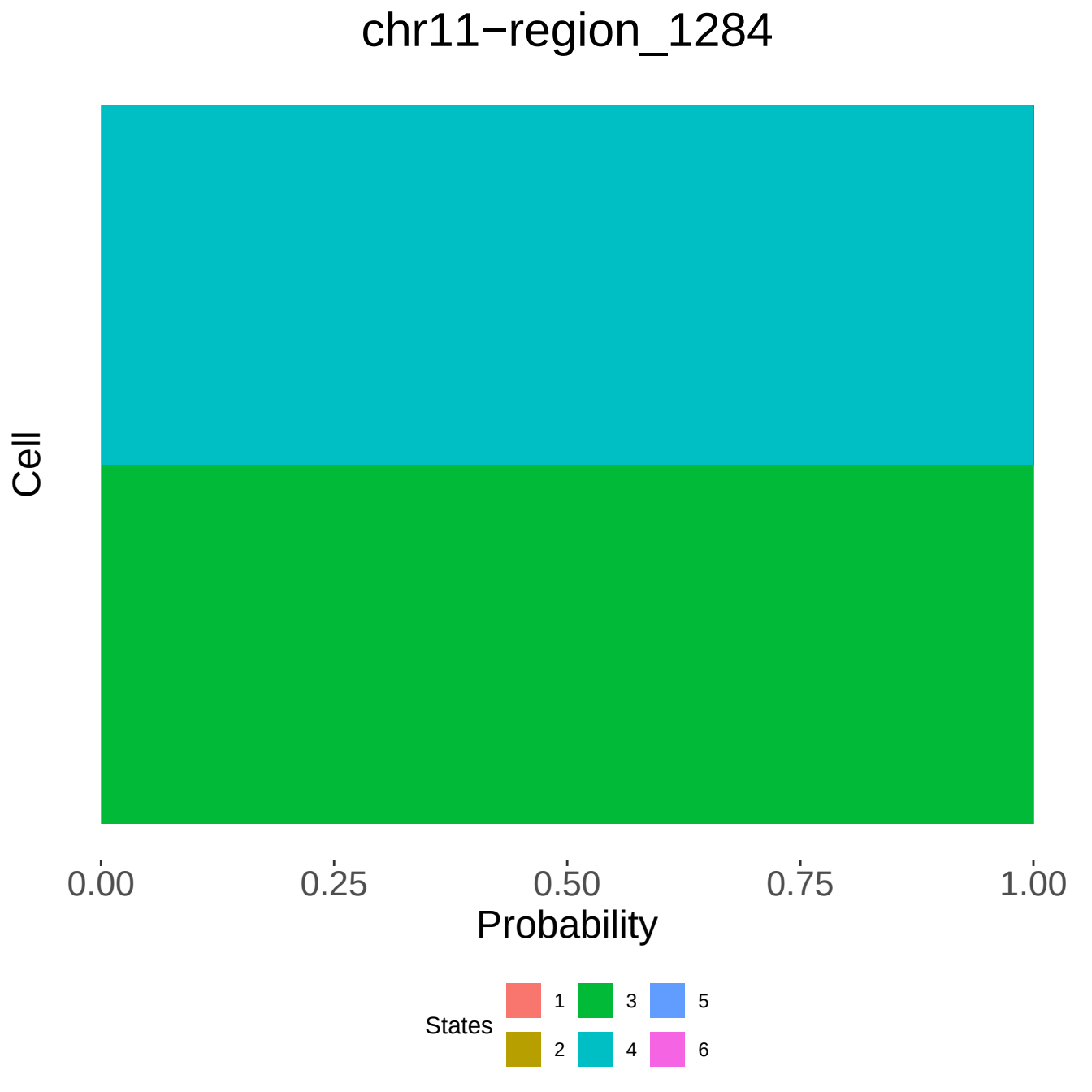
chr11−region_1284
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Probability
States
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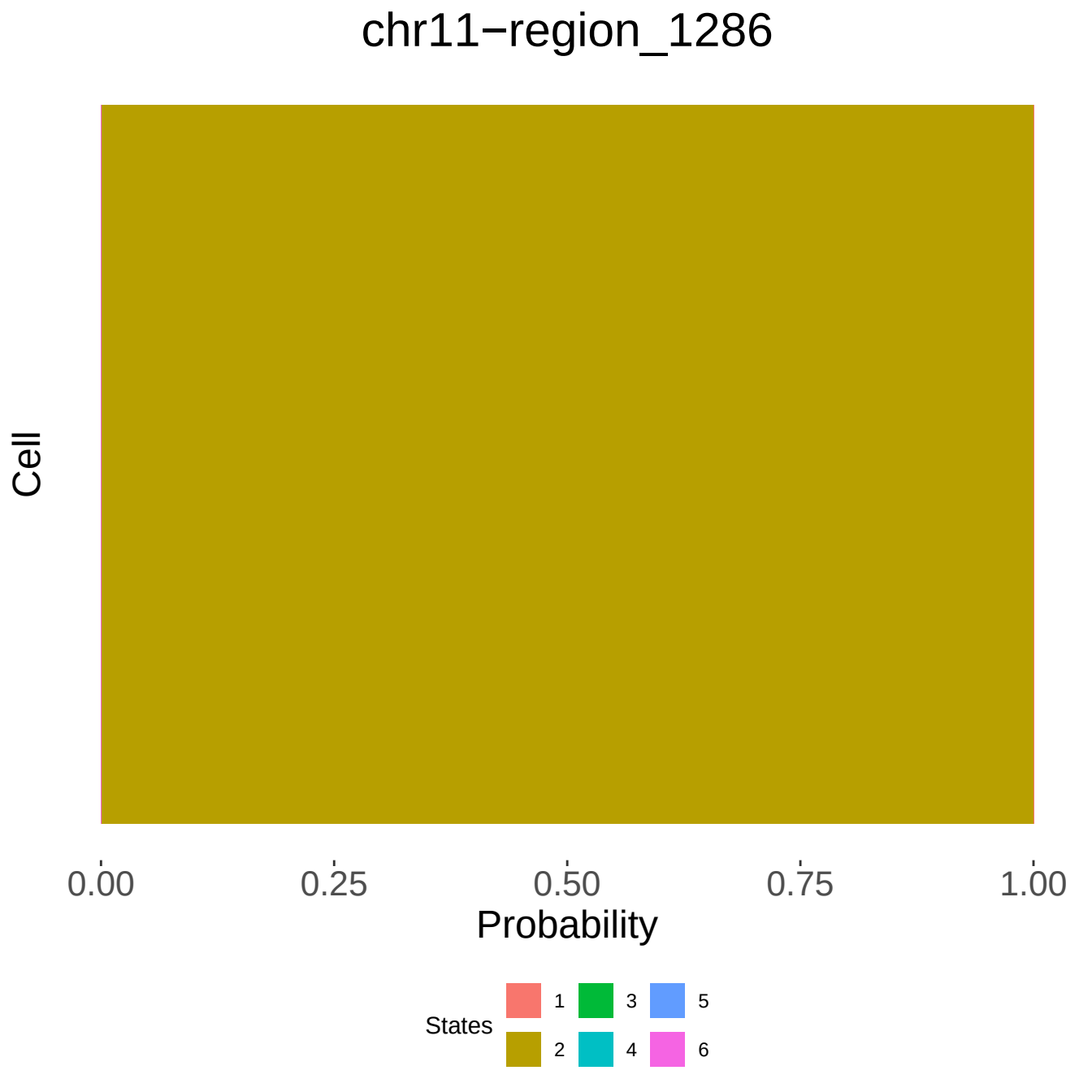
chr11−region_1286
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Probability
States
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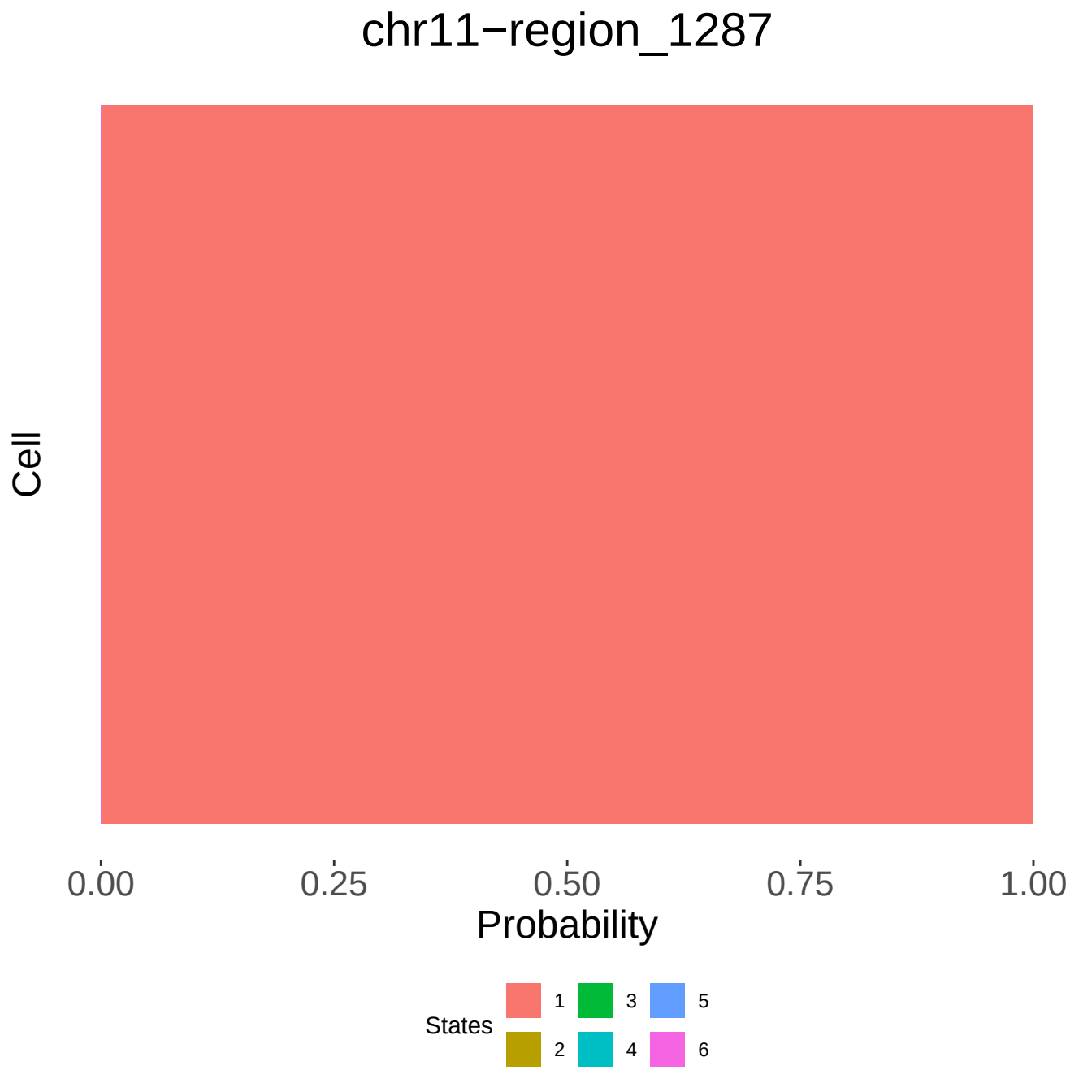
chr11−region_1287
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Probability
States
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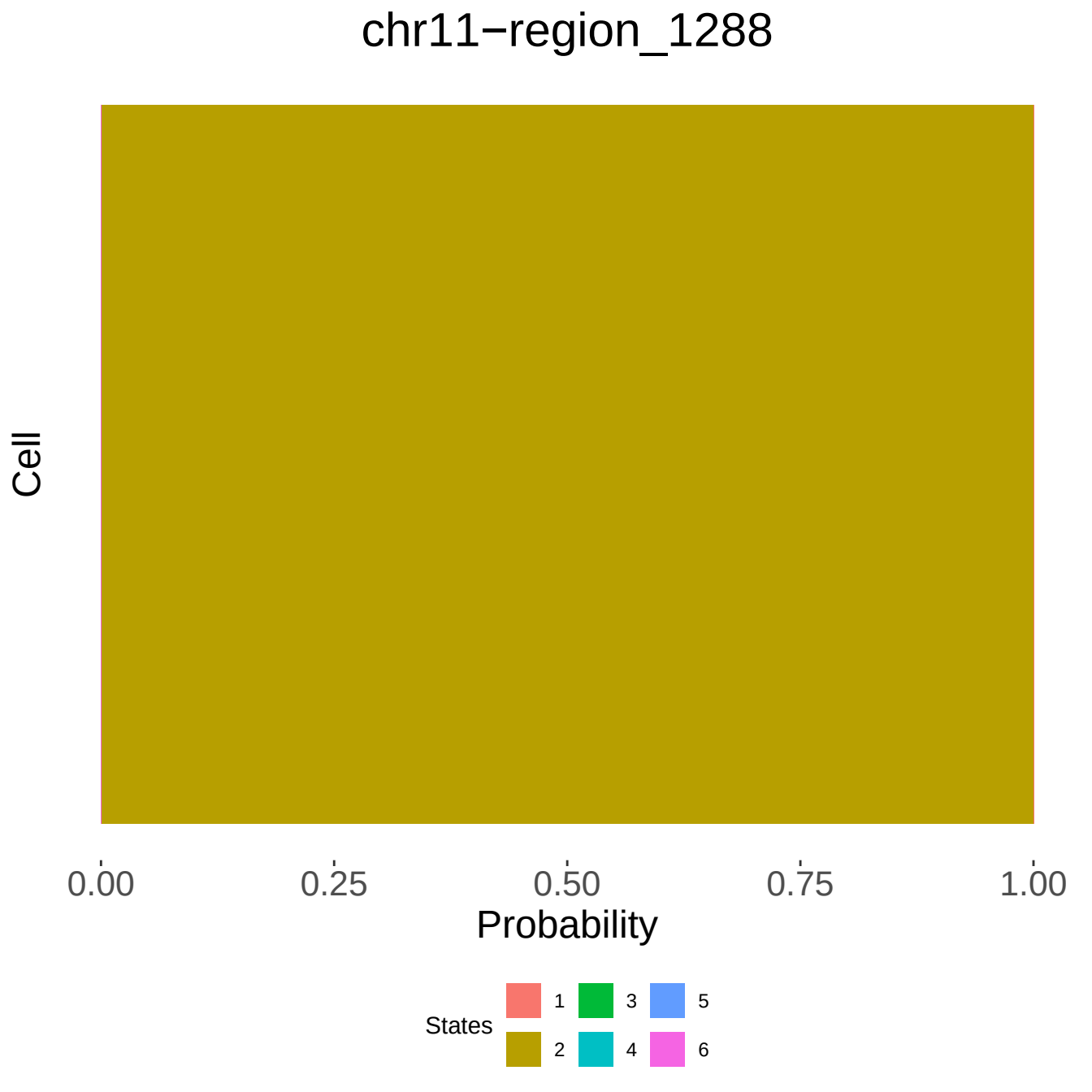
chr11−region_1288
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Probability
States
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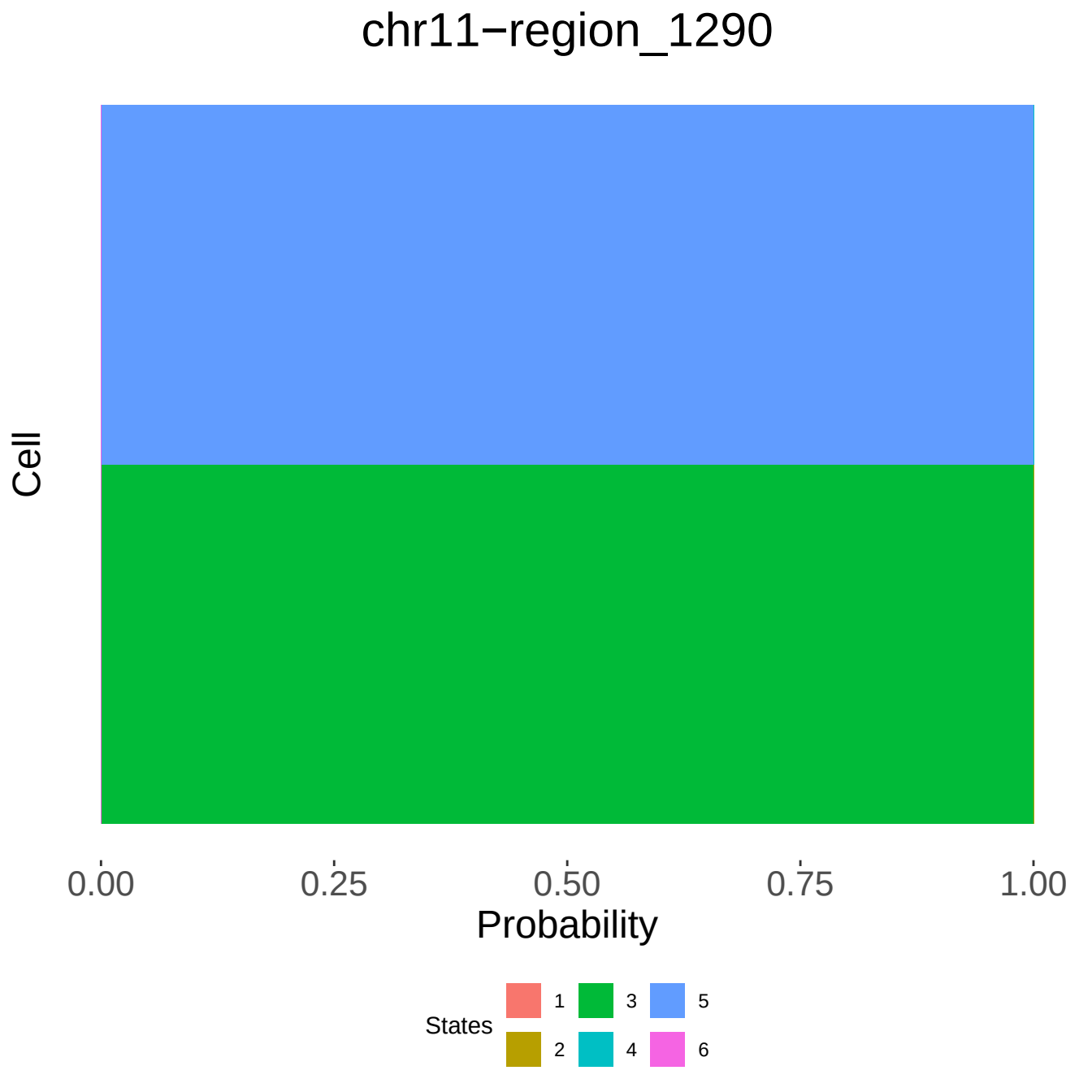
chr11−region_1290
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Probability
States
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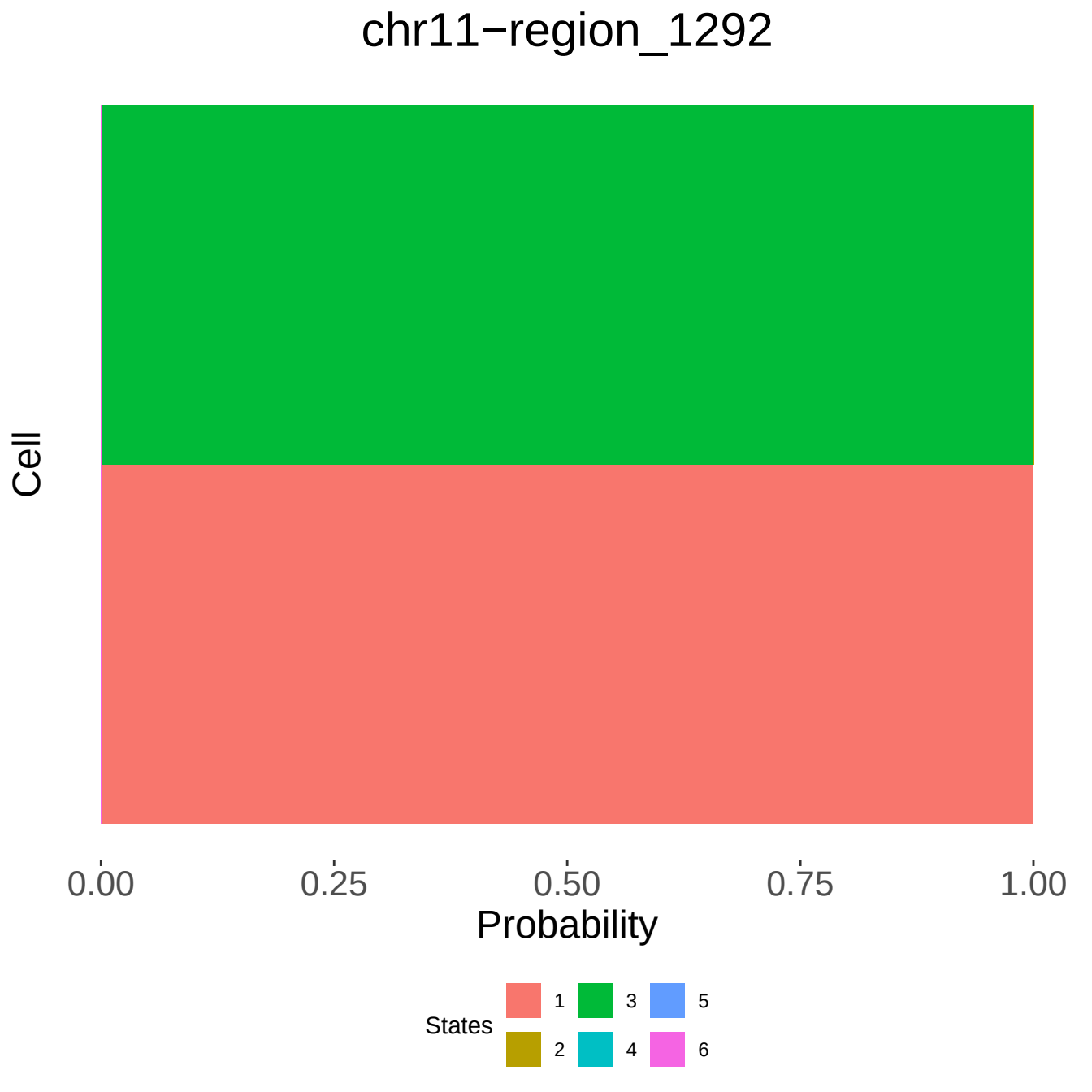
chr11−region_1292
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Probability
States
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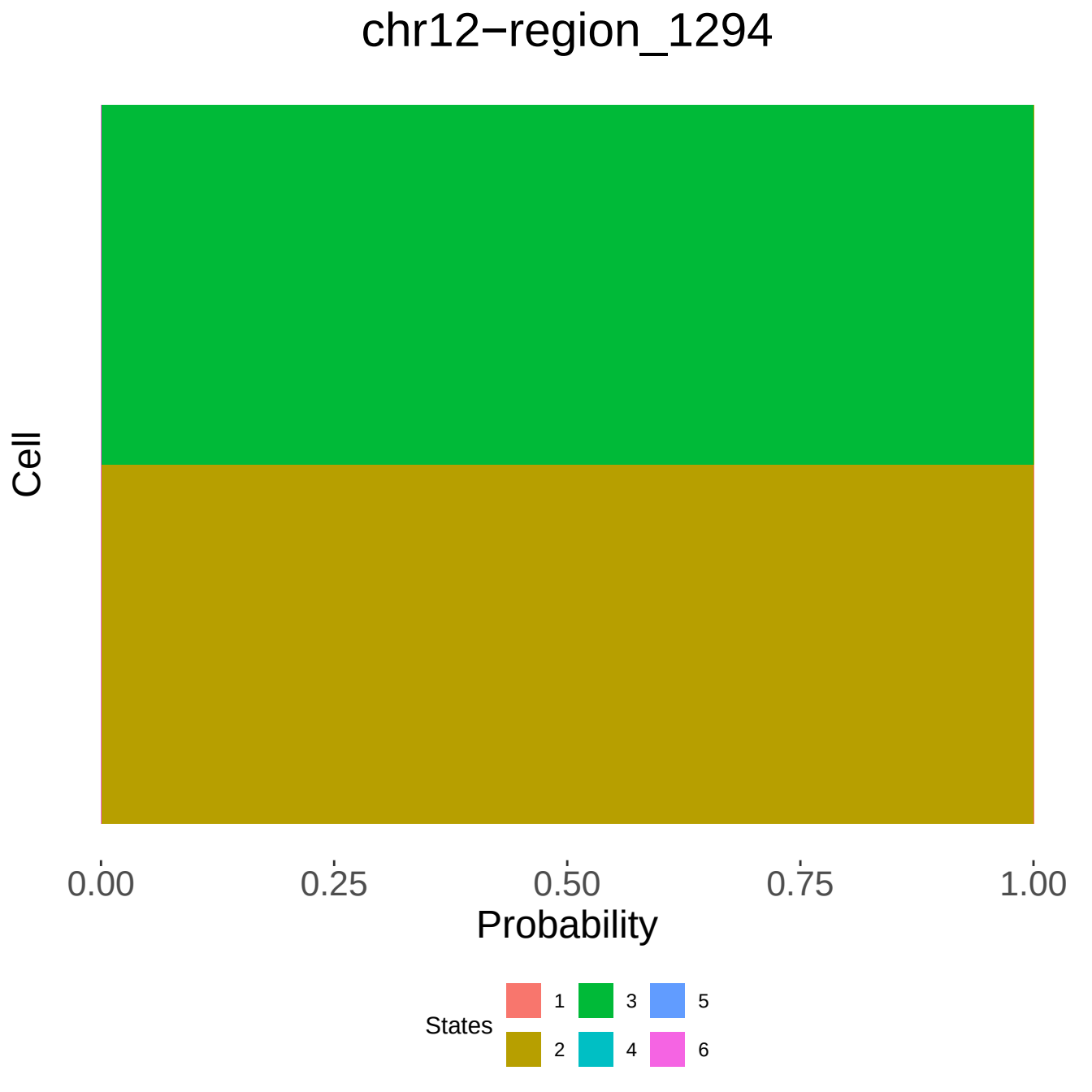
chr12−region_1294
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Probability
States
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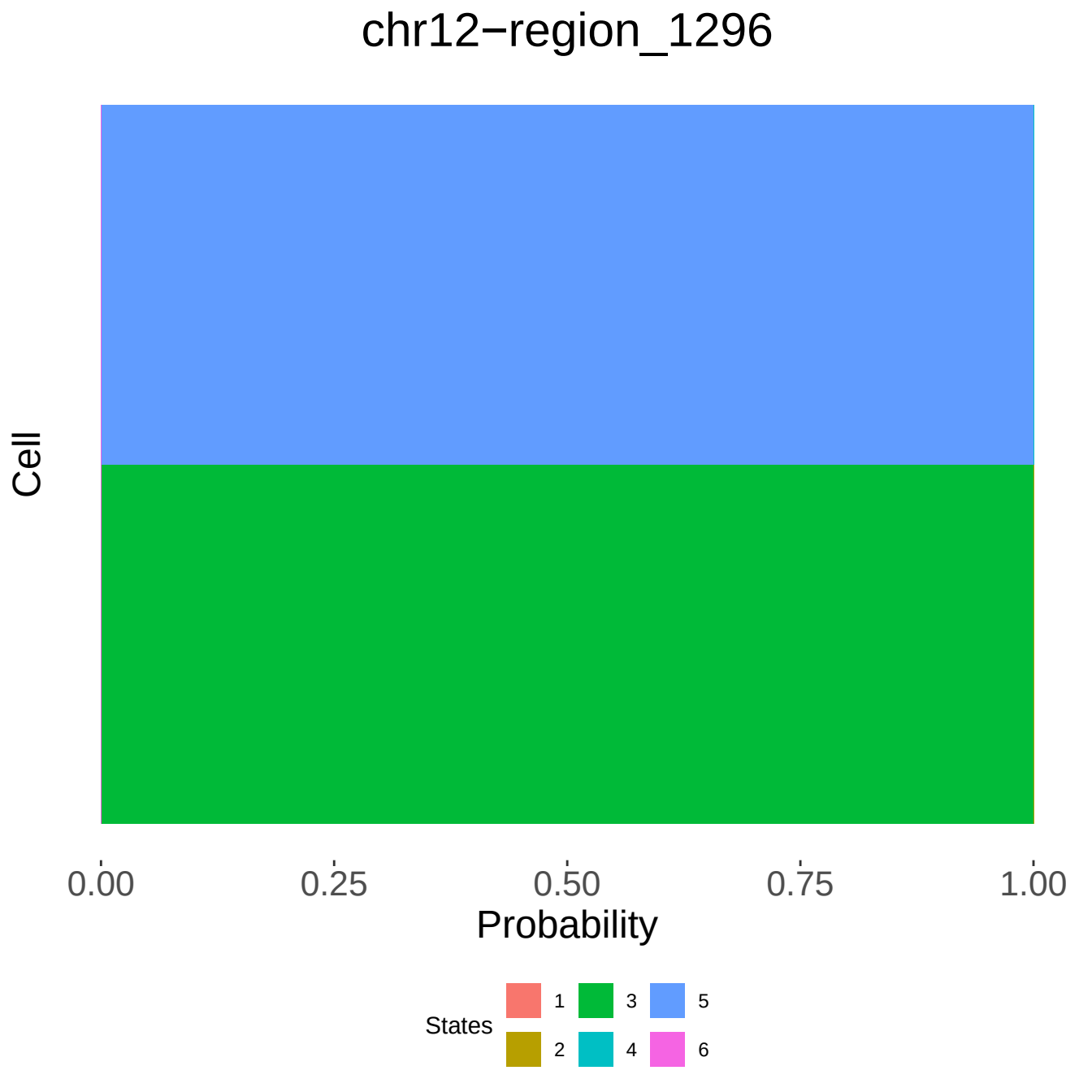
chr12−region_1296
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Probability
States
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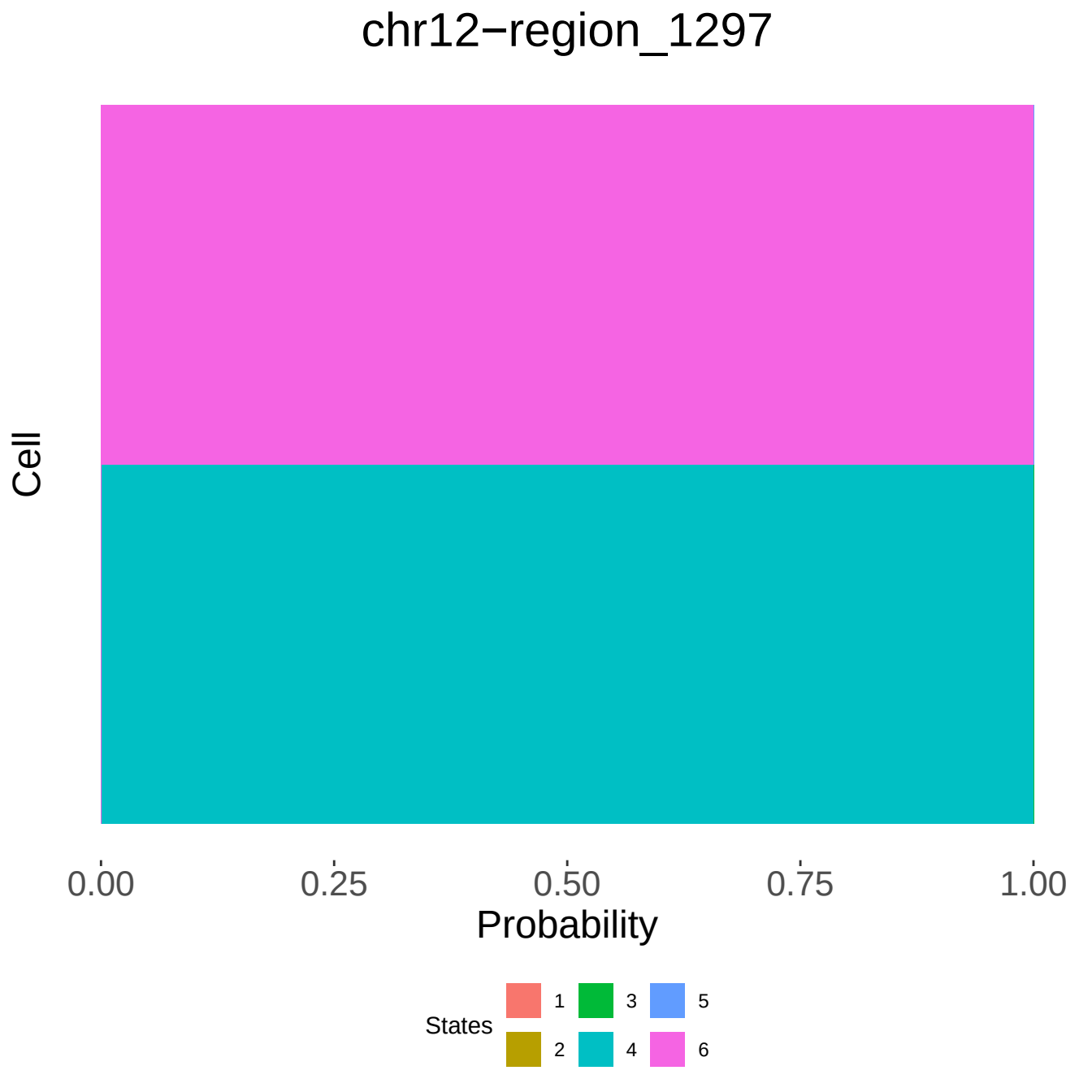
chr12−region_1297
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Probability
States
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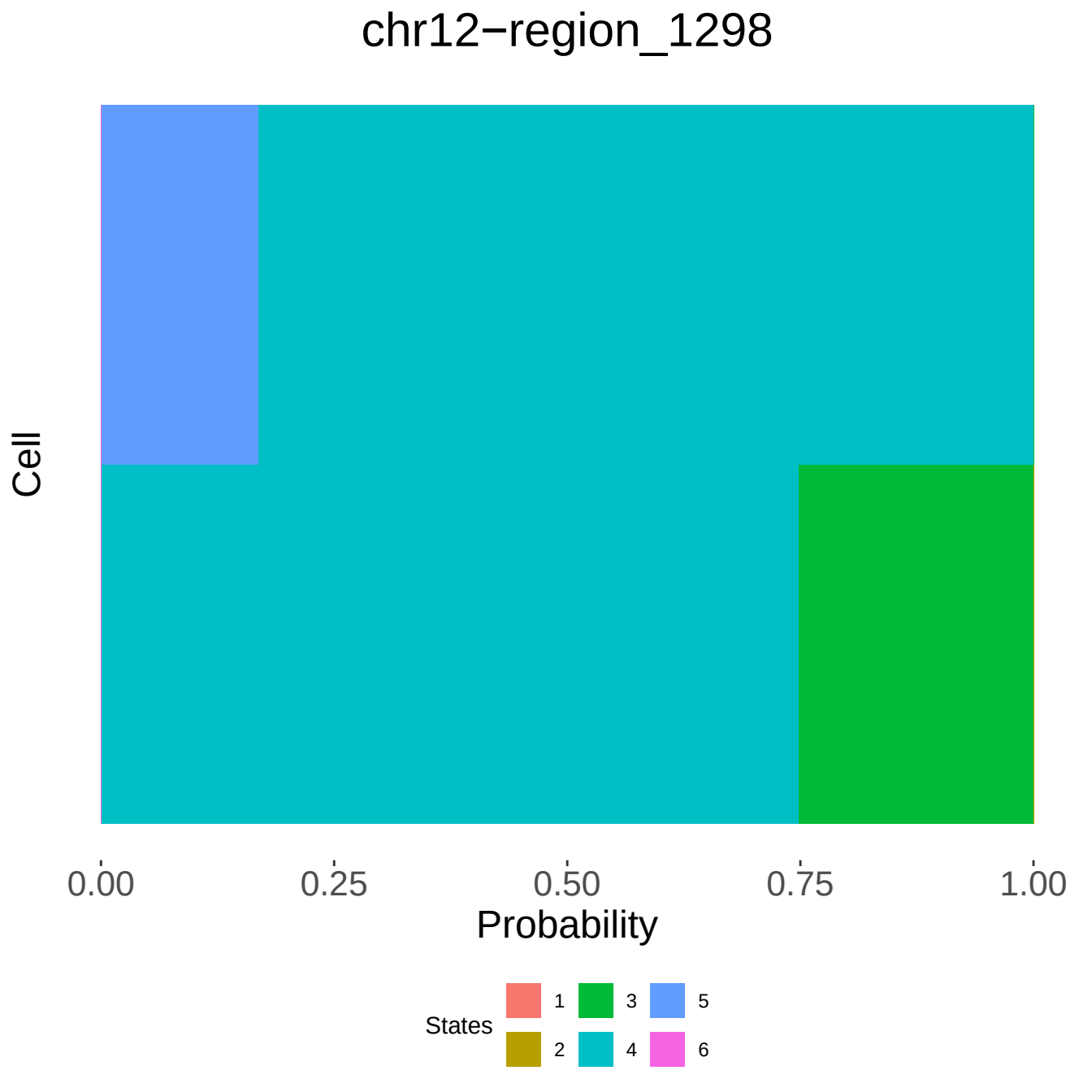
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Probability
States
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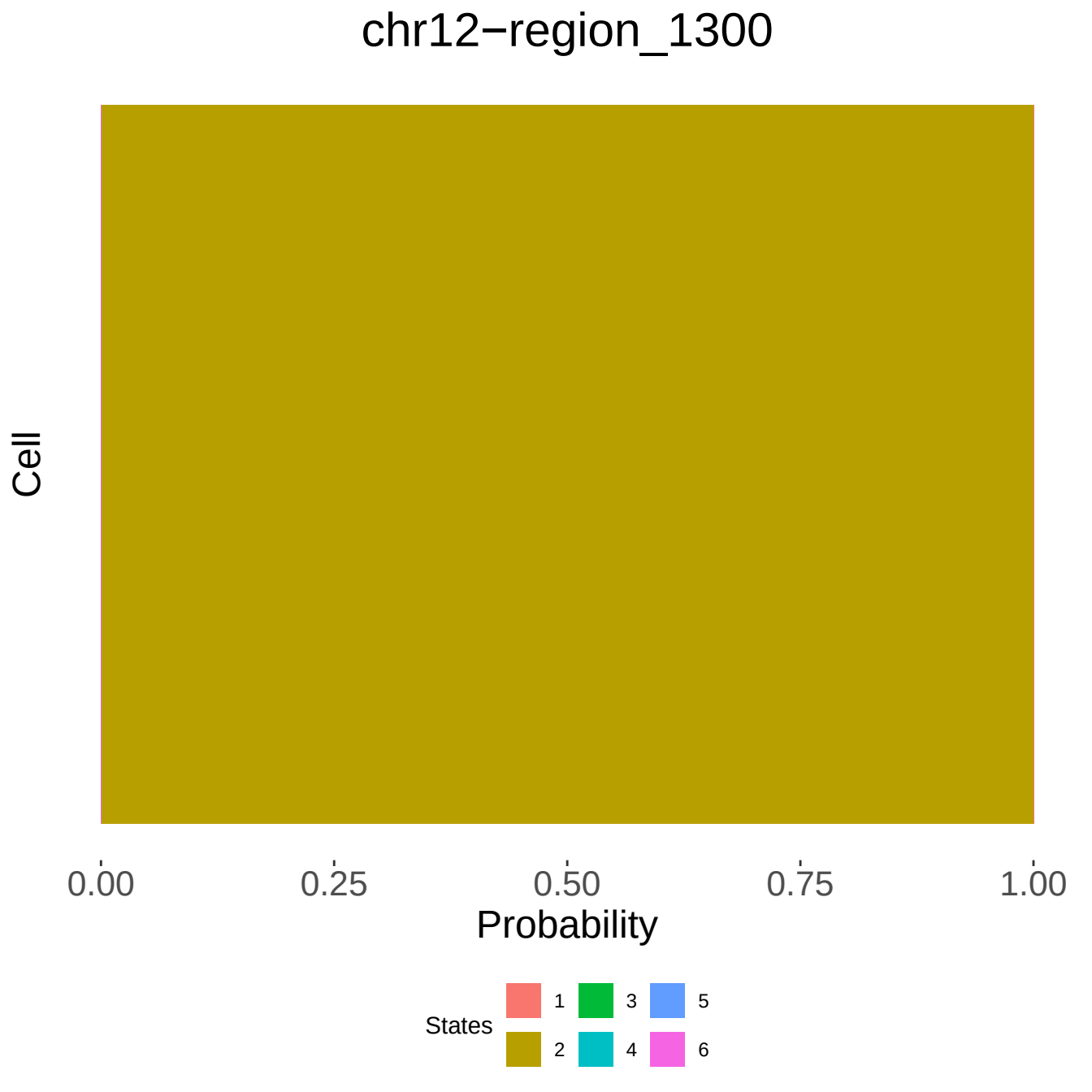
chr12−region_1300
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Probability
States
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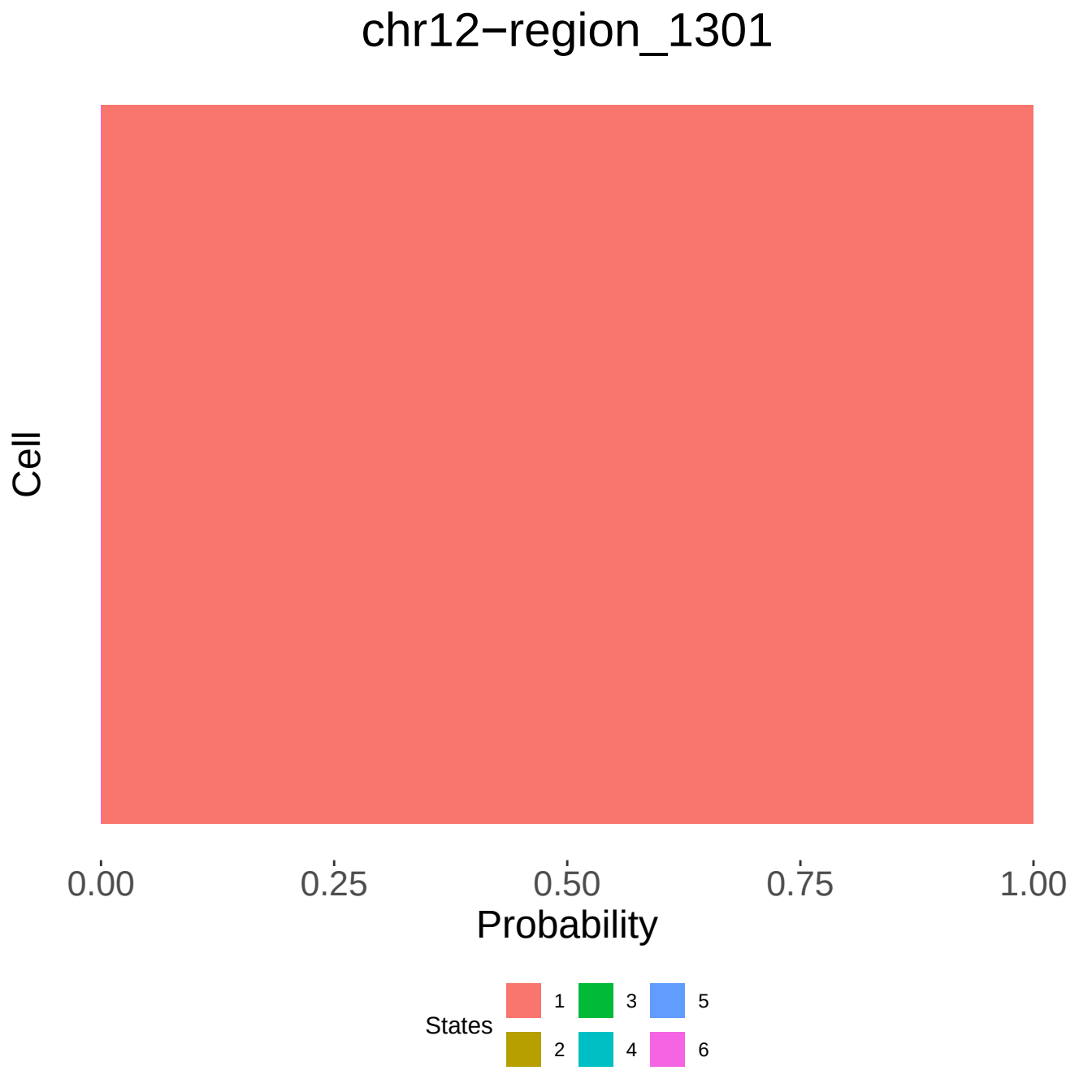
chr12−region_1301
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Probability
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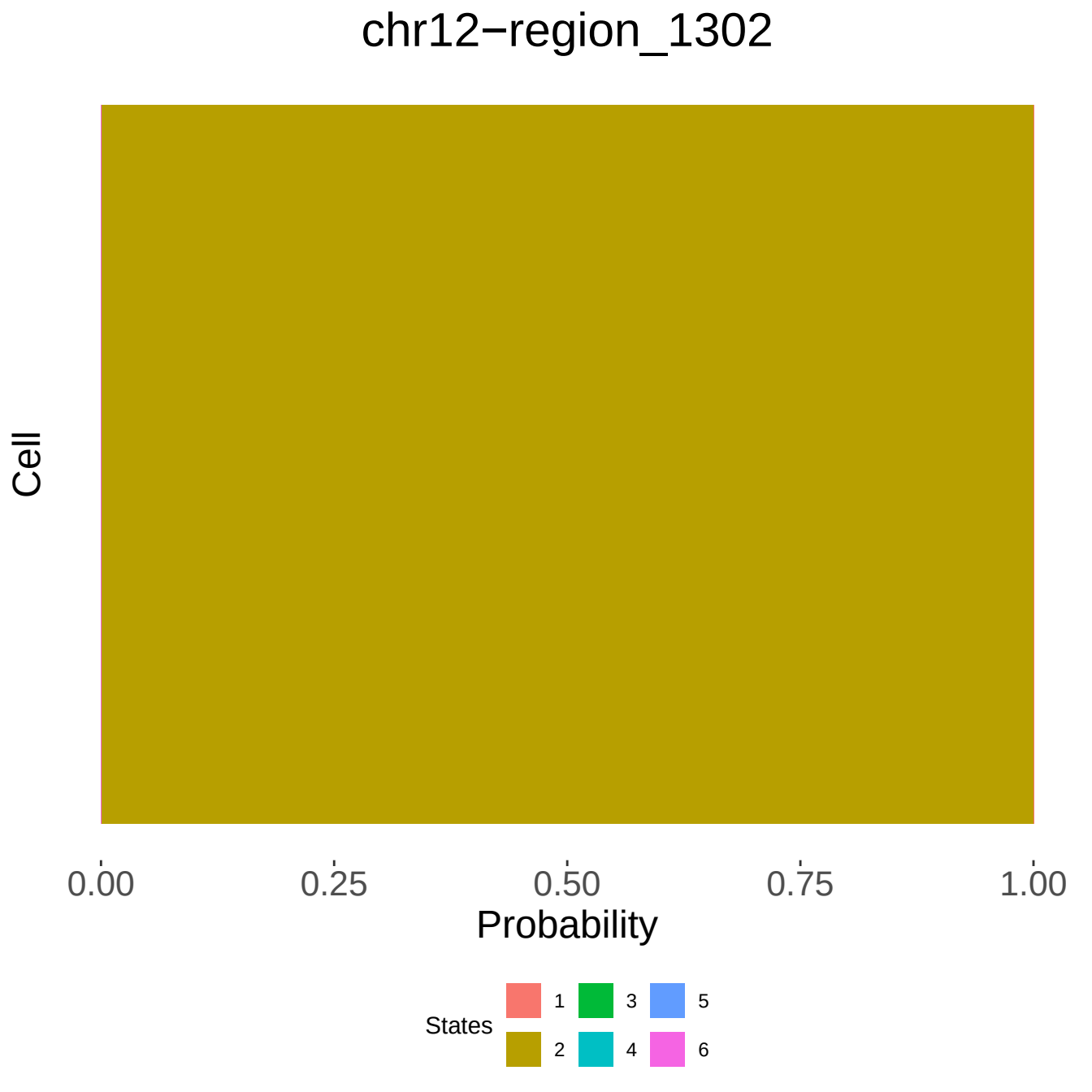
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Probability
States
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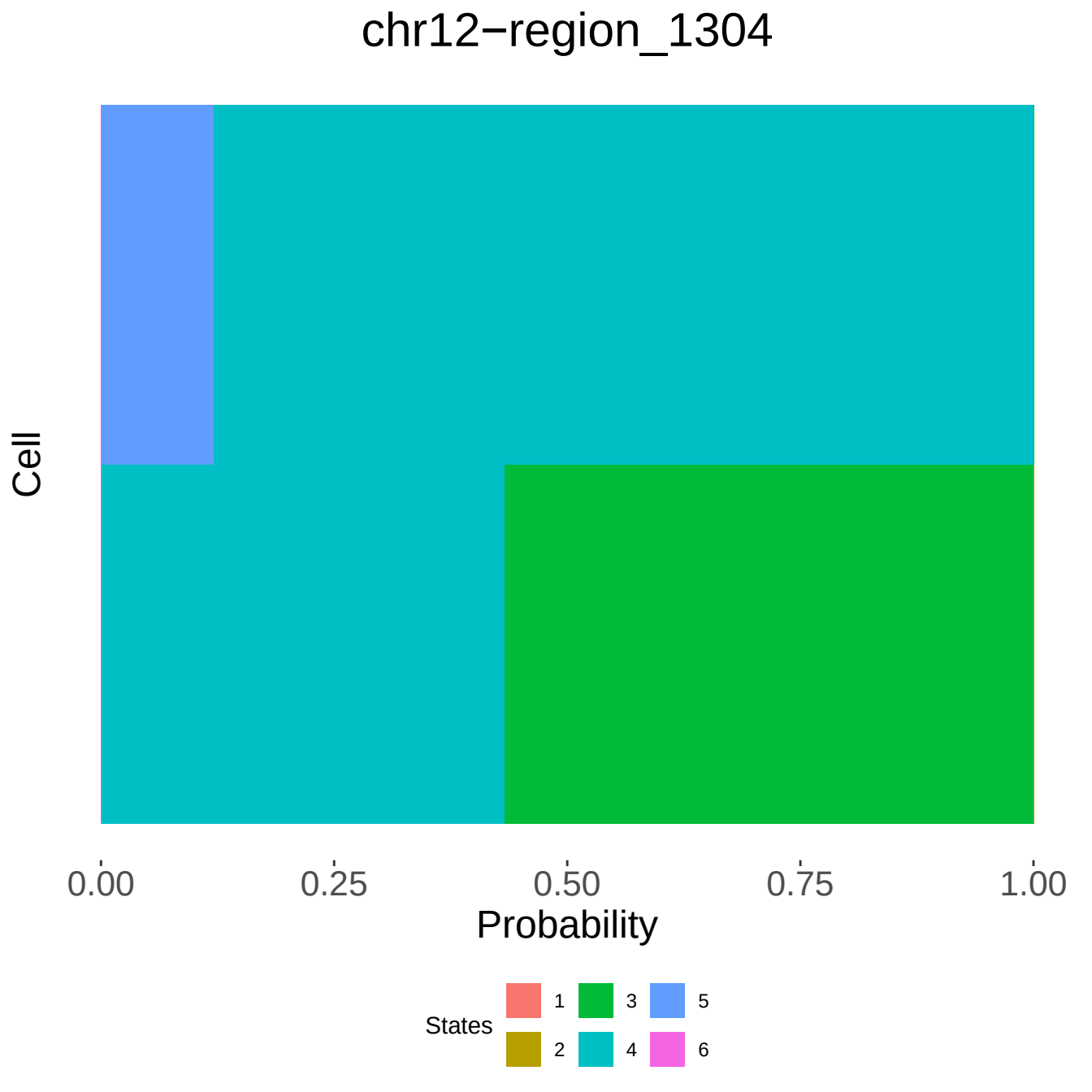
chr12−region_1304
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Probability
States
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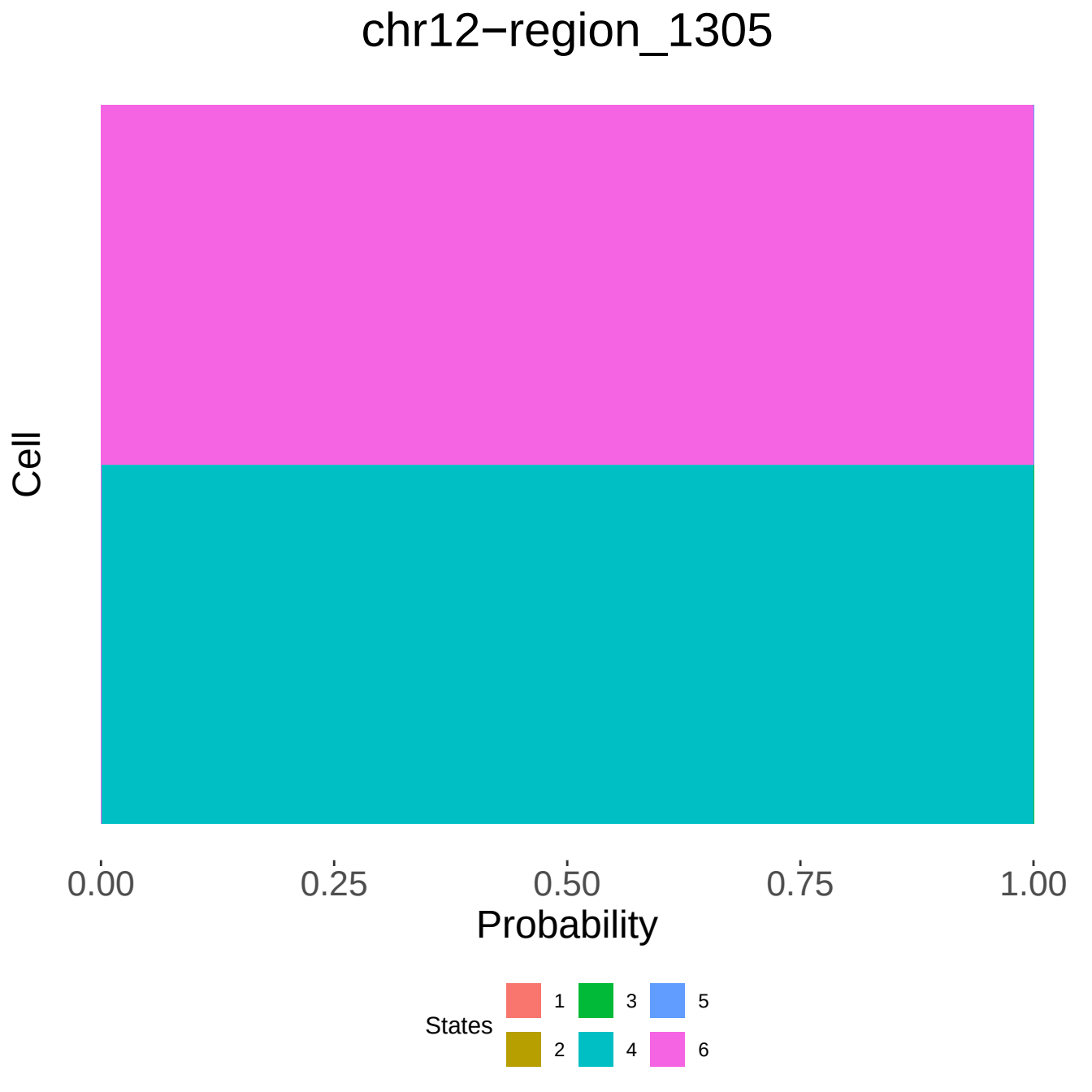
chr12−region_1305
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Probability
States
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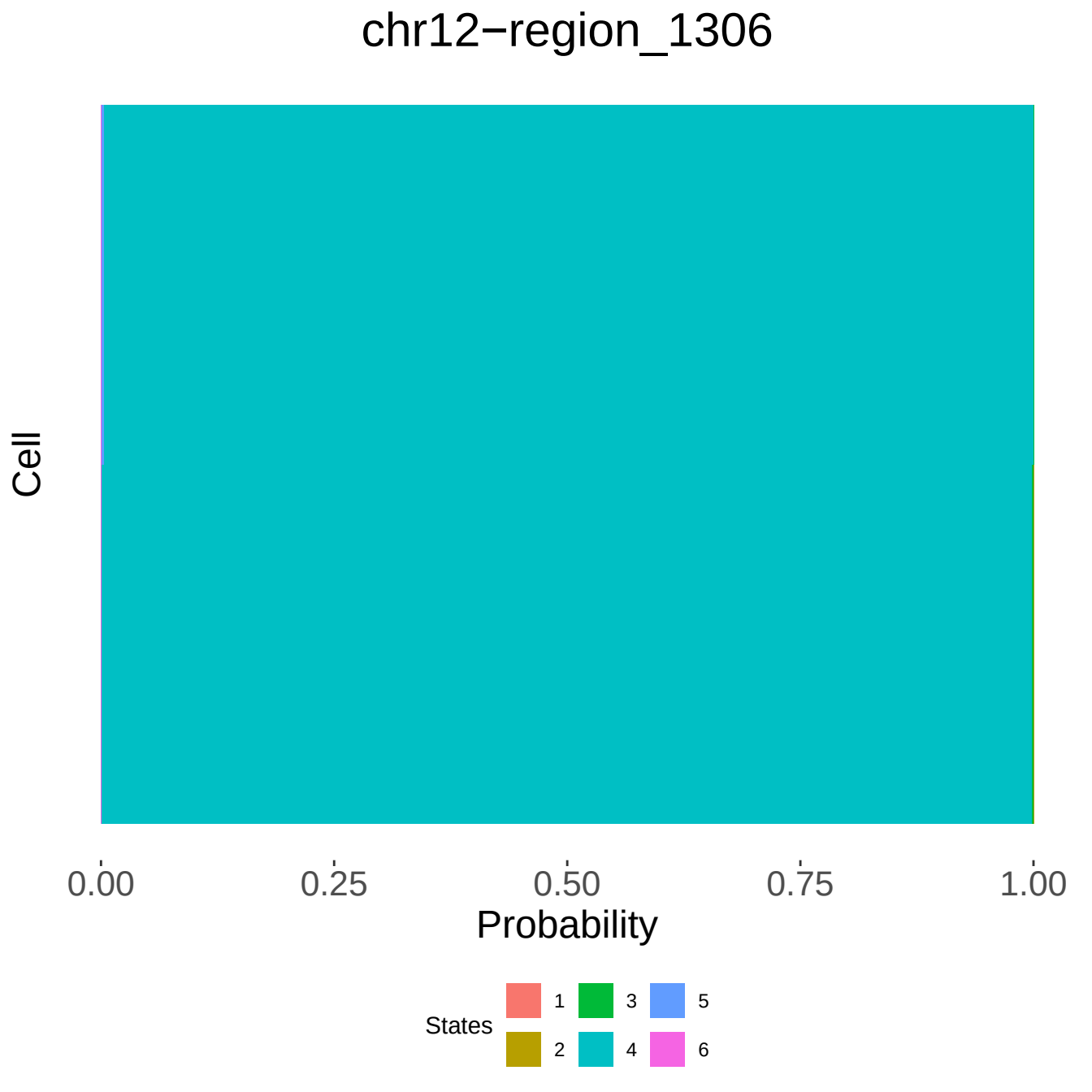
chr12−region_1306
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Probability
States
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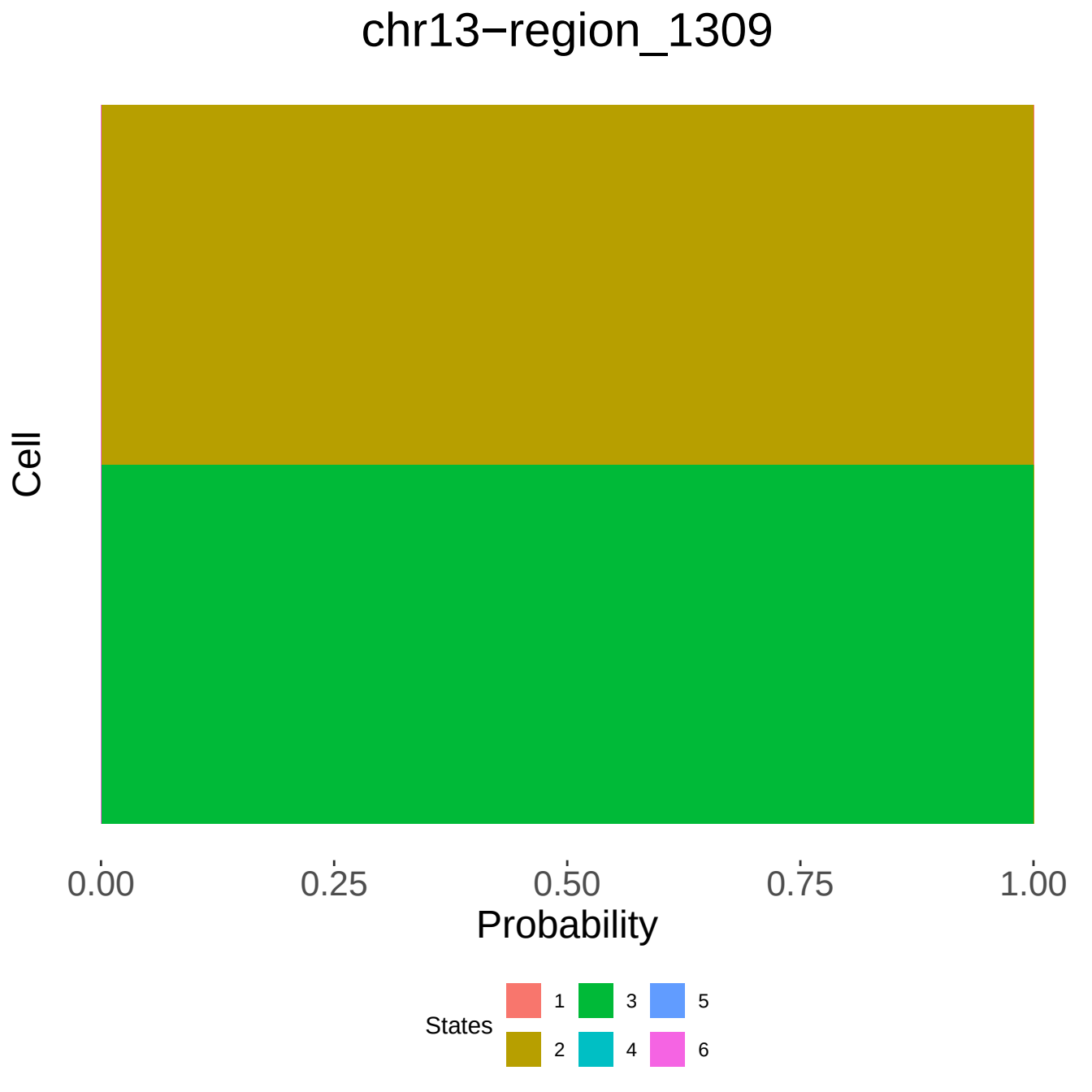
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Probability
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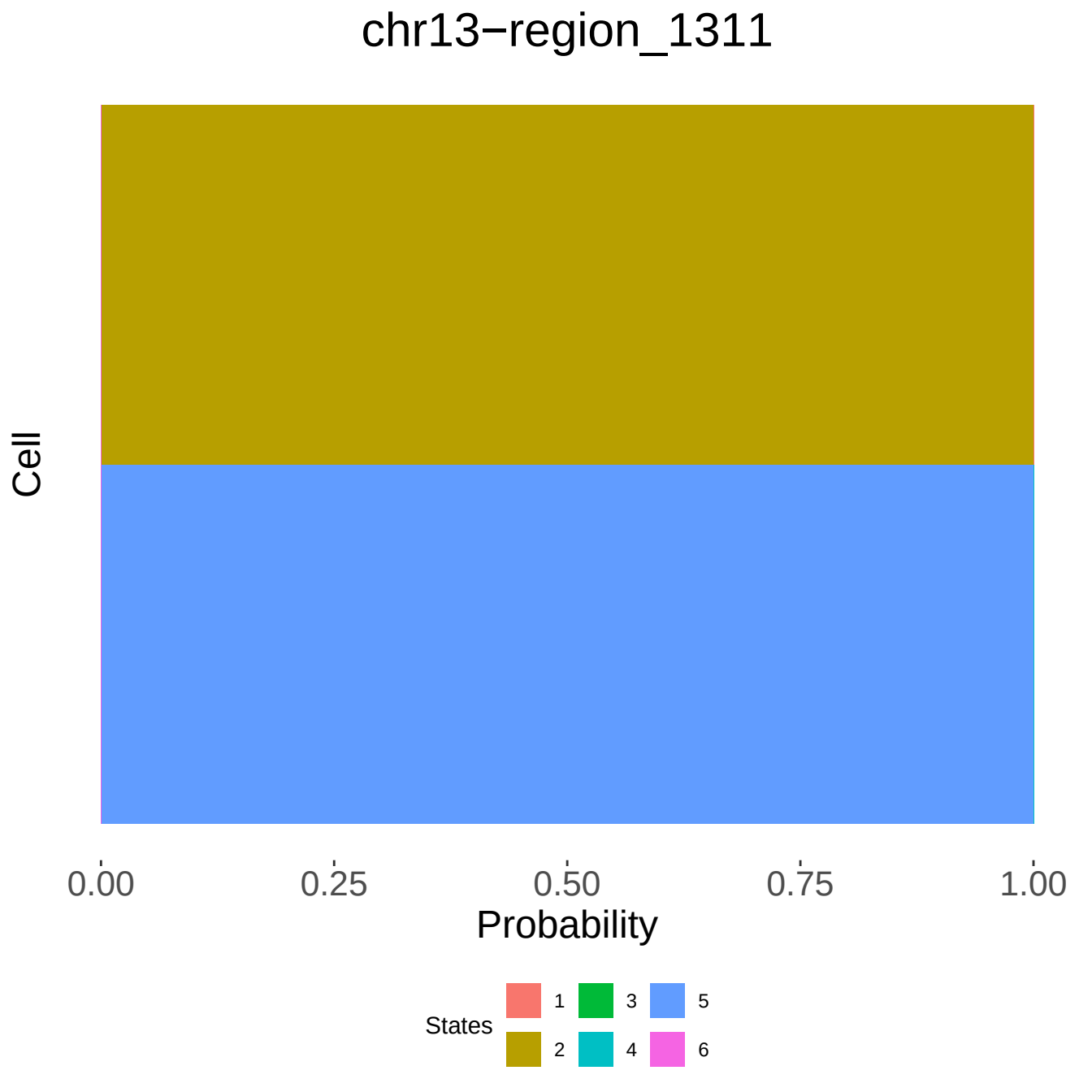
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Probability
States
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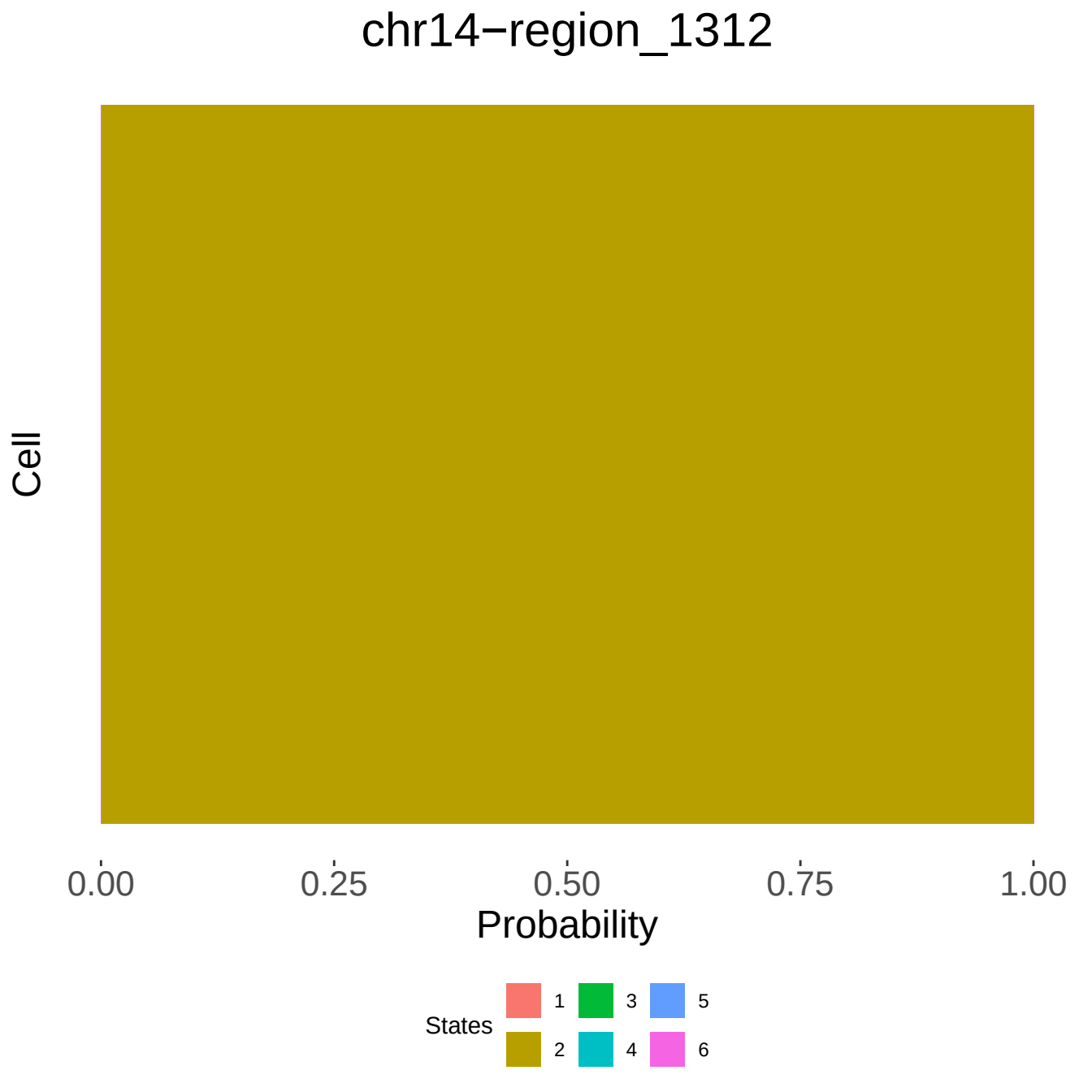
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Probability
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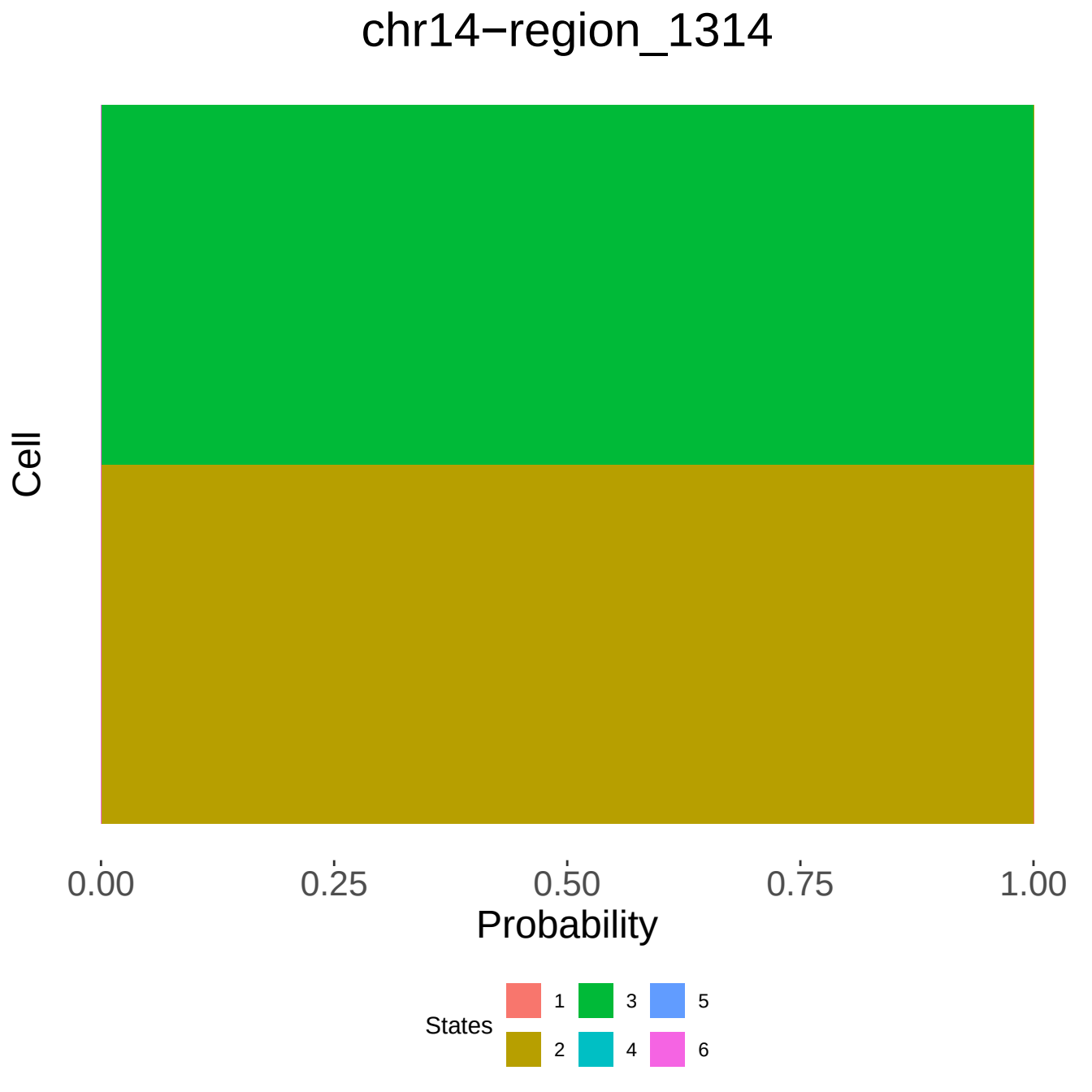
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Probability
States
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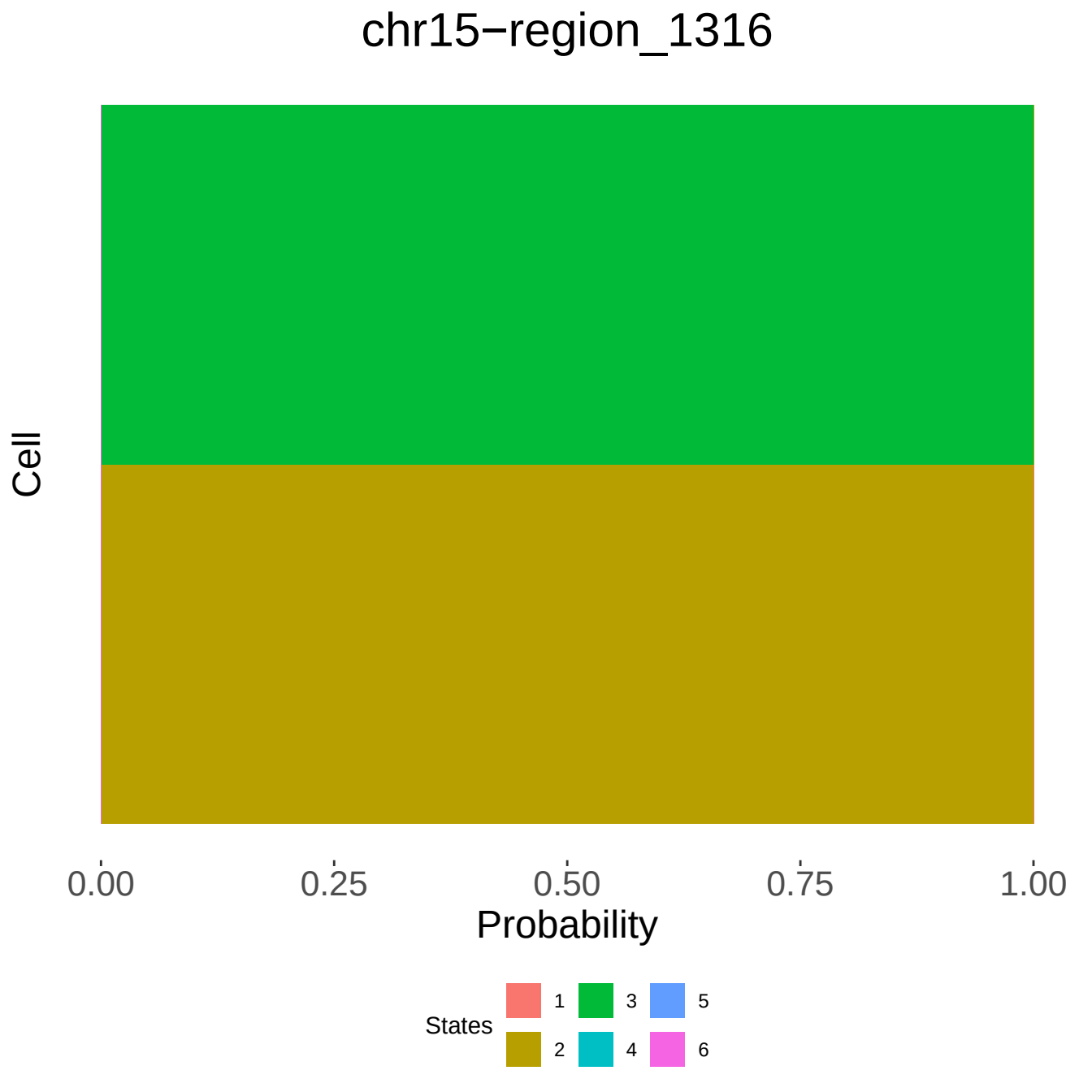
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Probability
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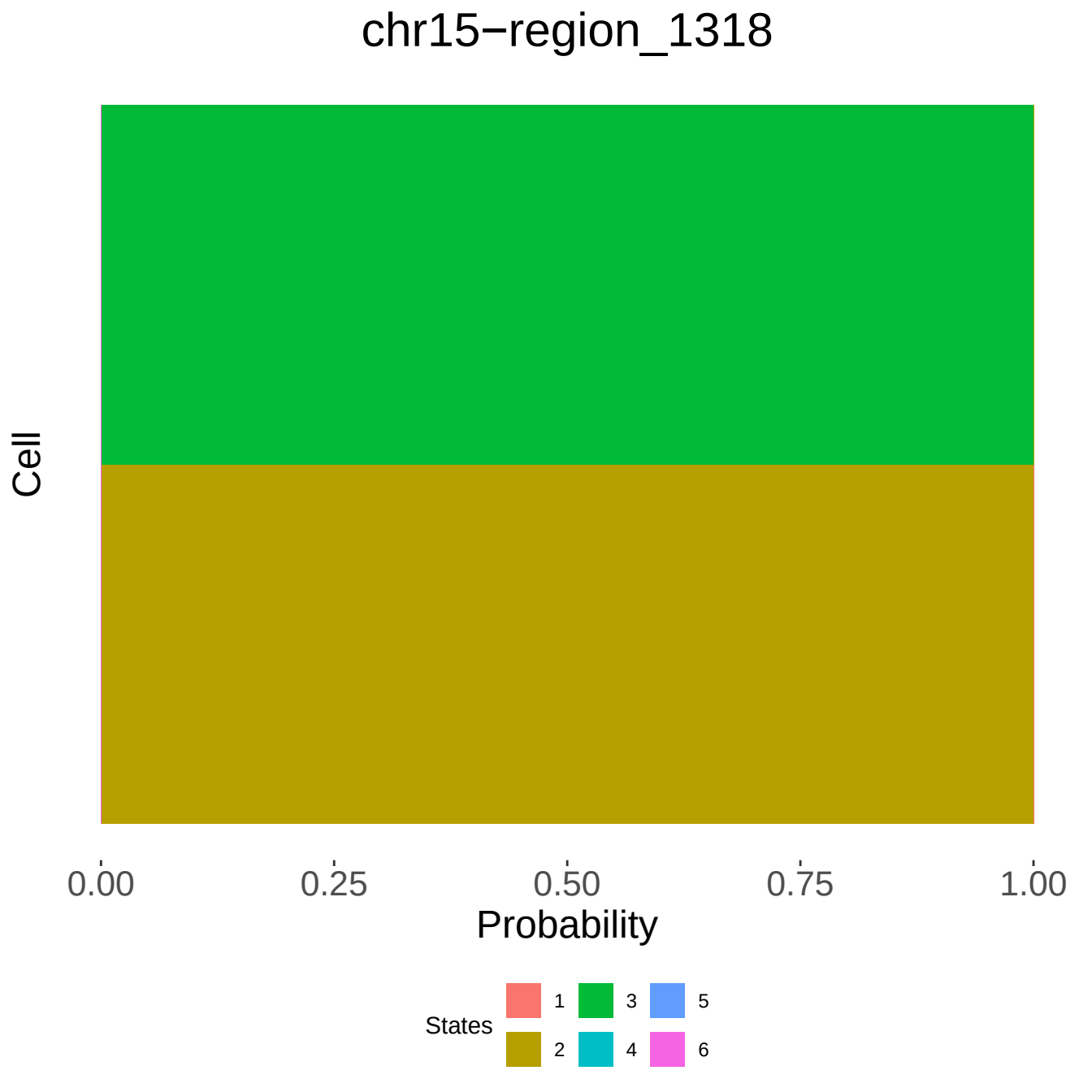
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Probability
States
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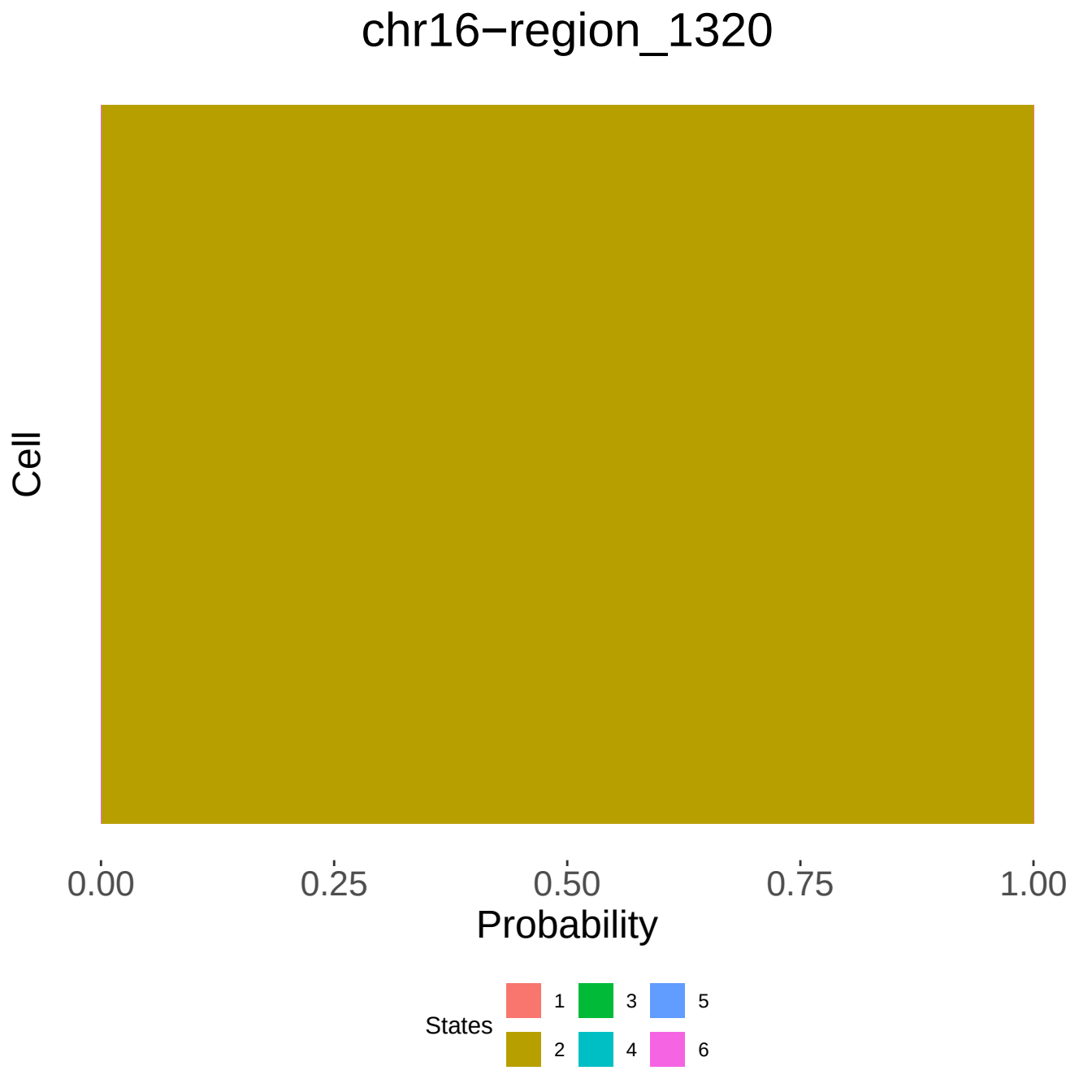
chr16−region_1320
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Probability
States
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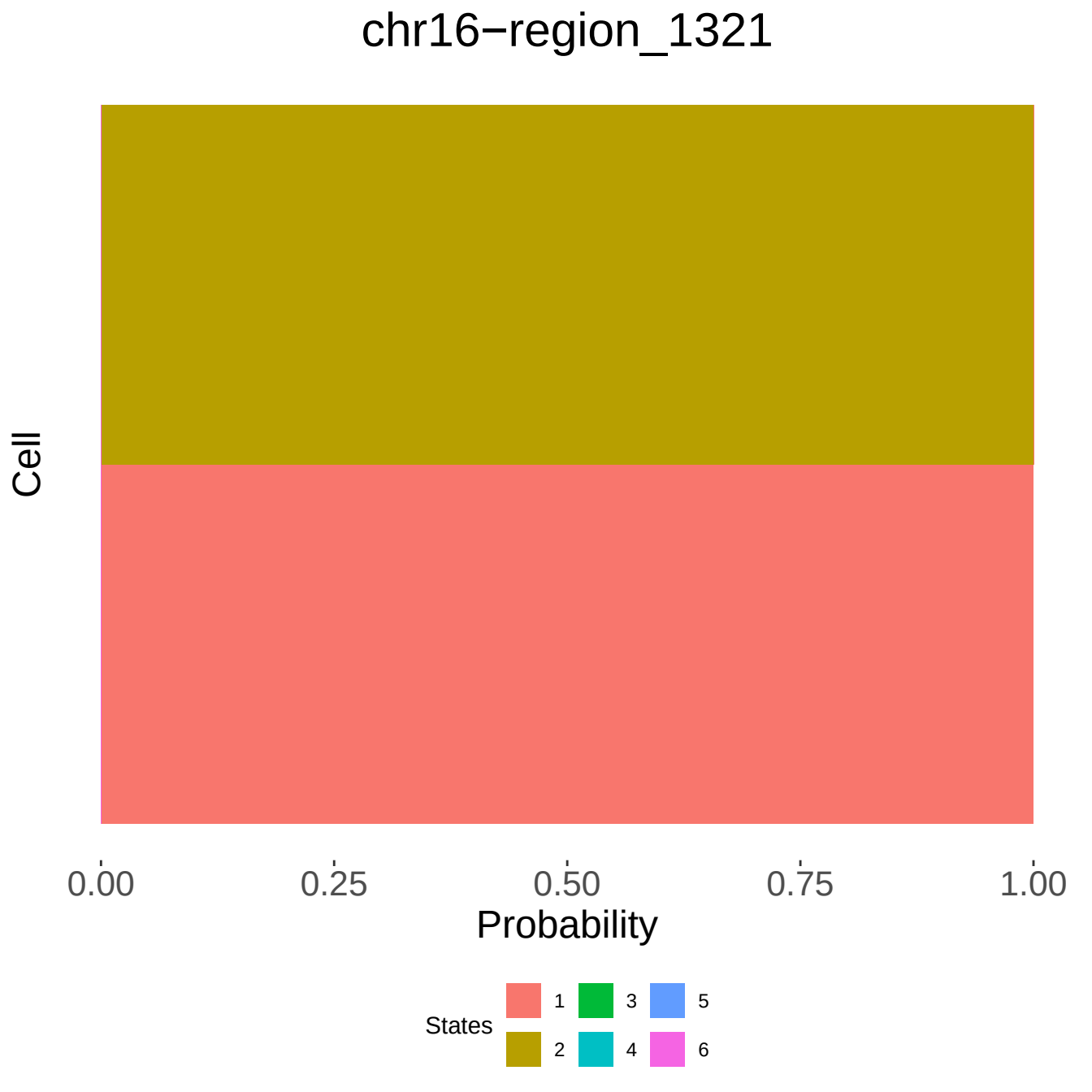
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Probability
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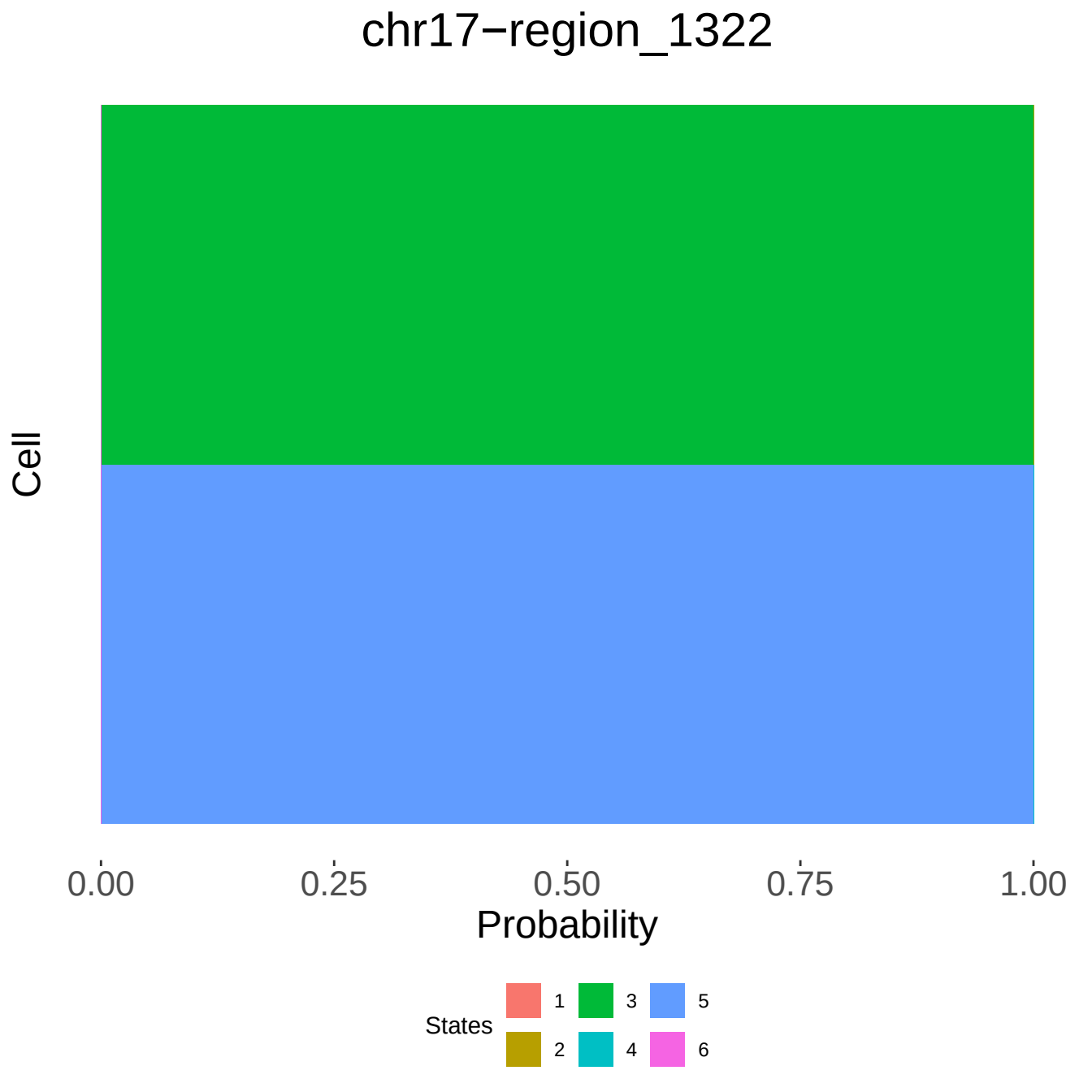
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Probability
States
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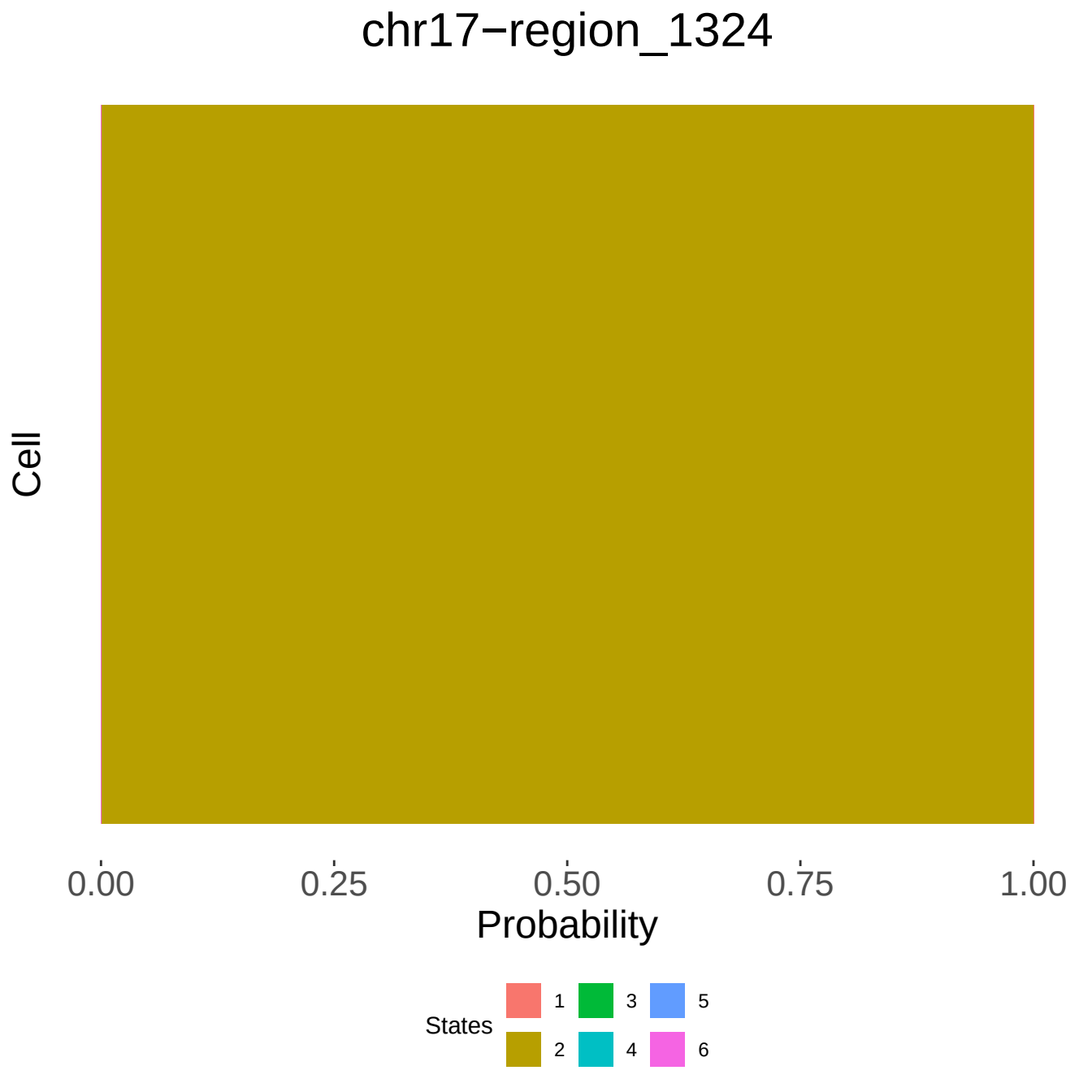
chr17−region_1324
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Probability
States
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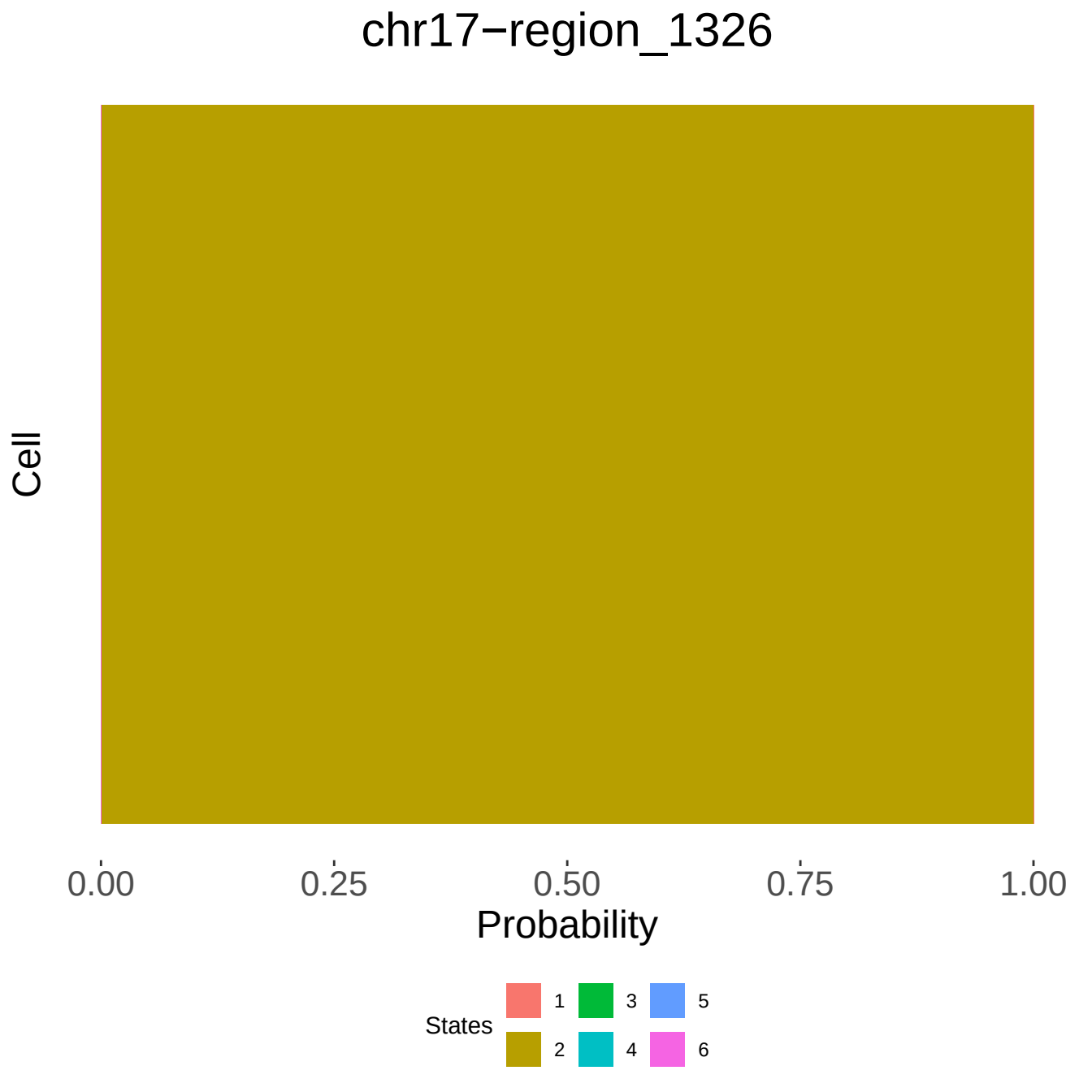
chr17−region_1326
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Probability
States
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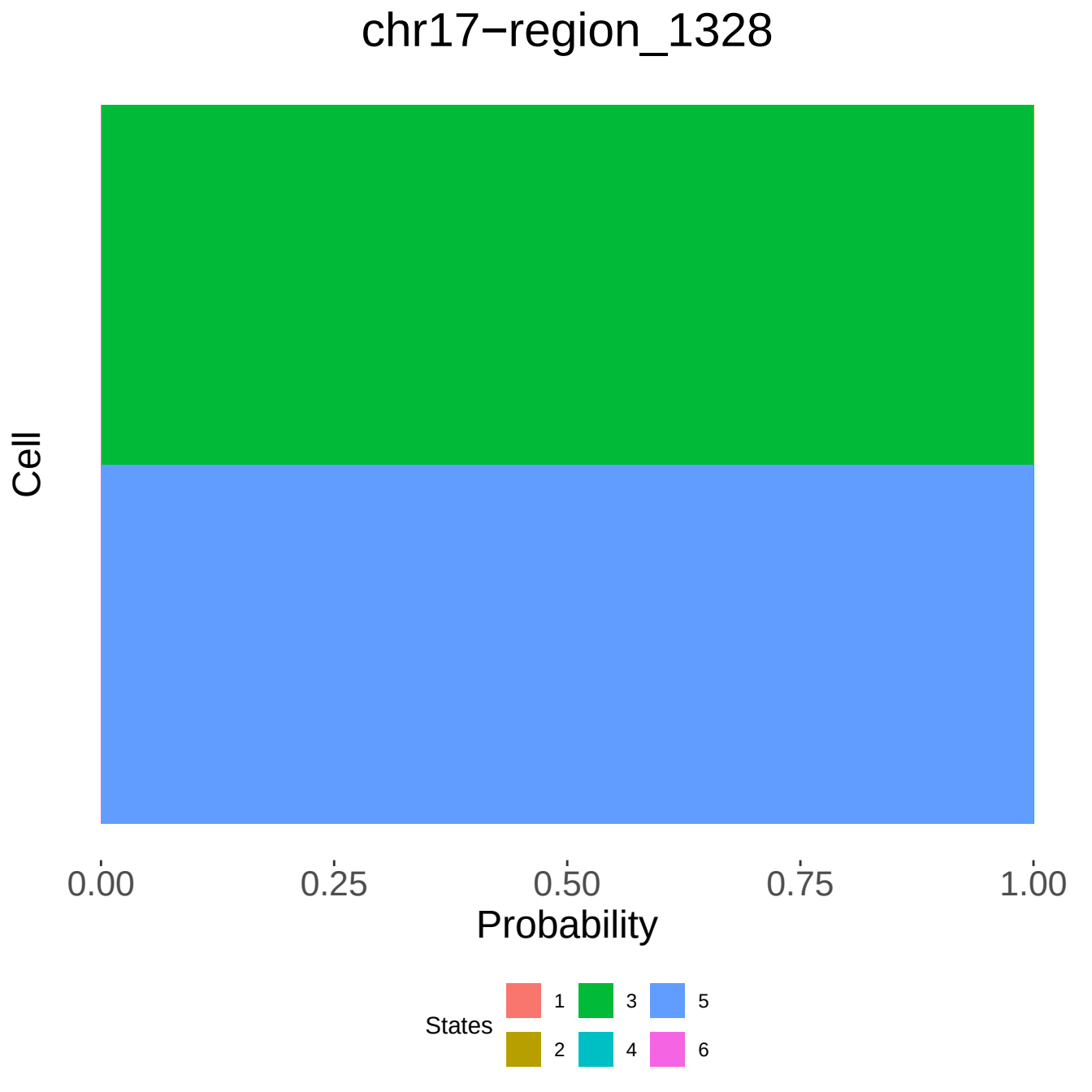
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Probability
States
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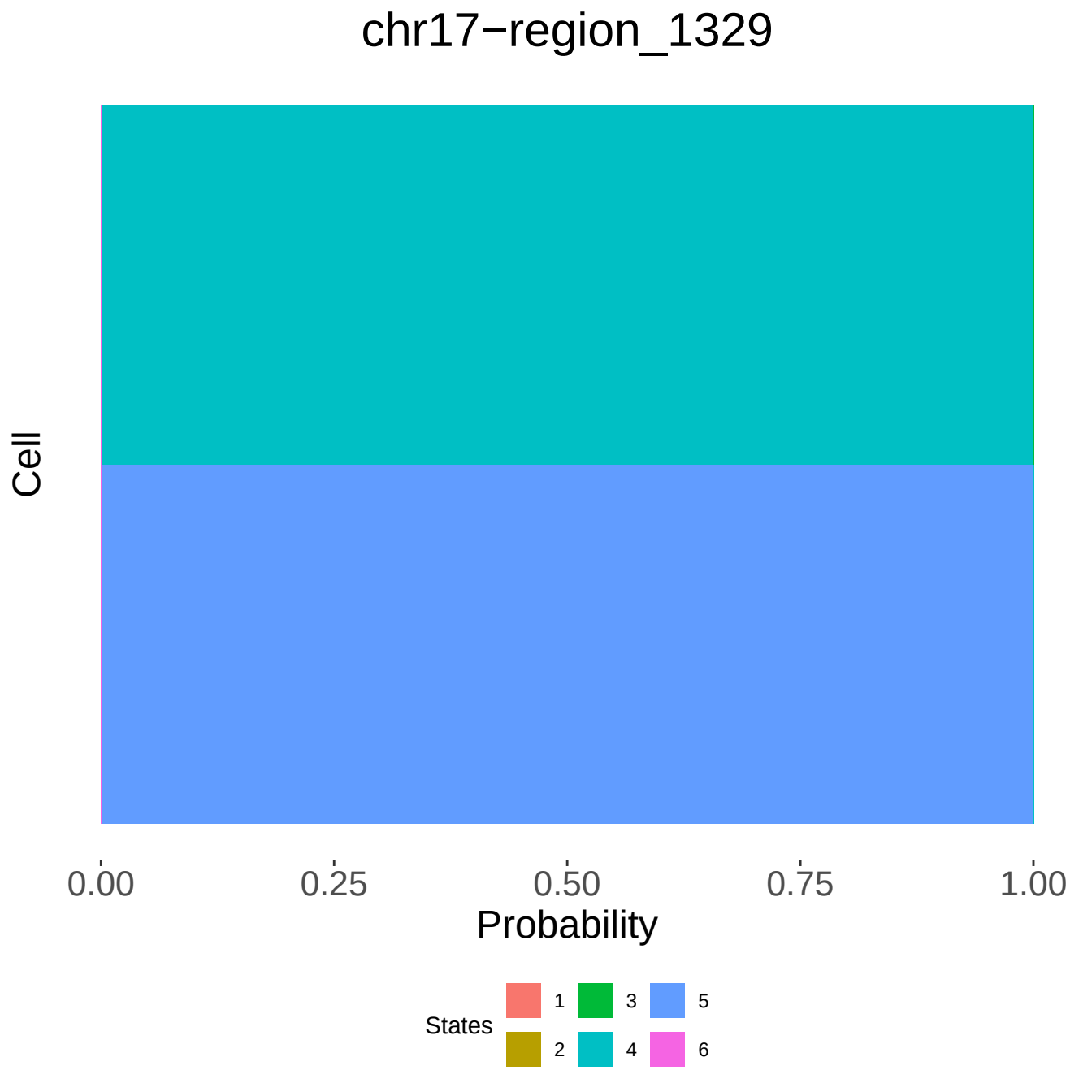
chr17−region_1329
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Probability
States
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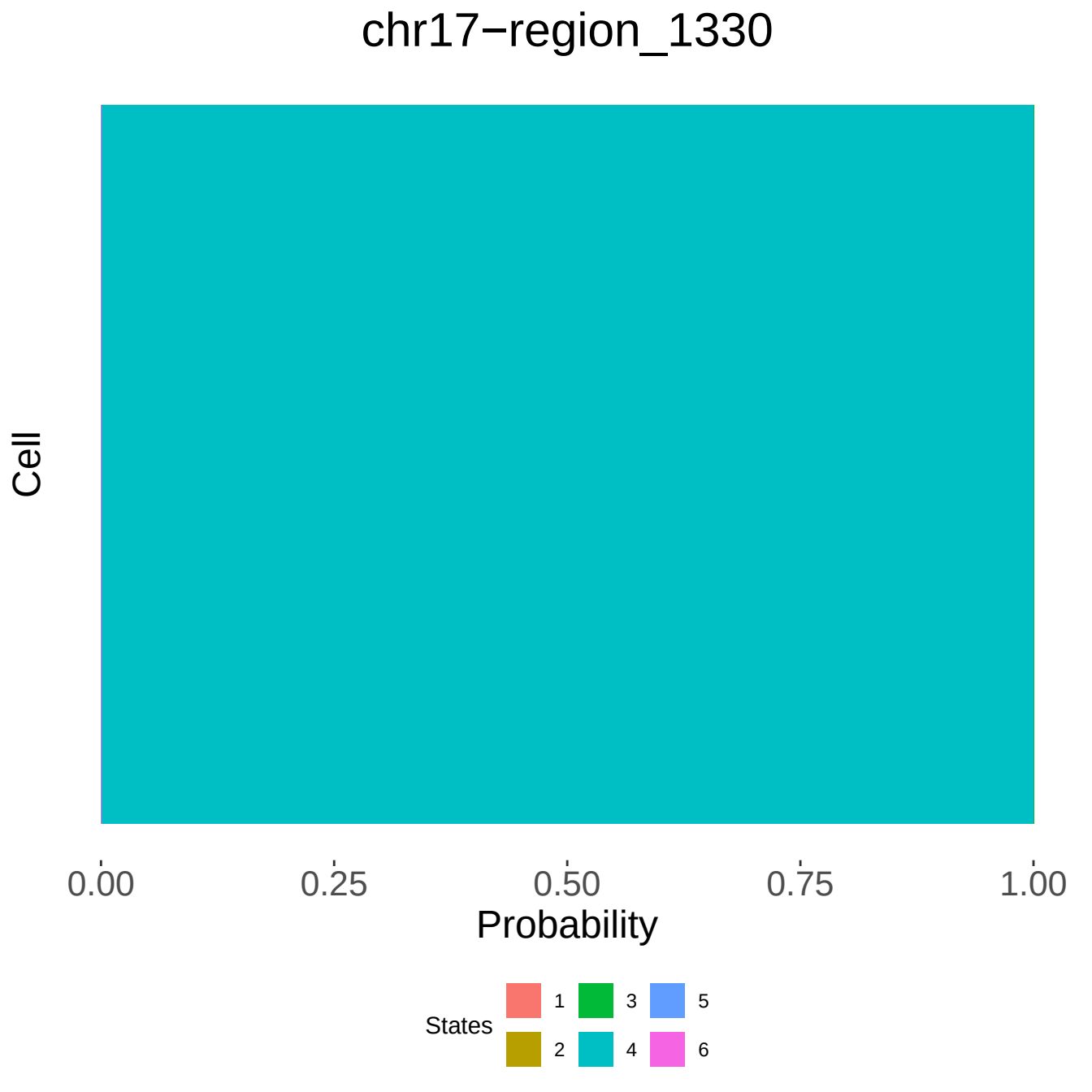
chr17−region_1330
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Probability
States
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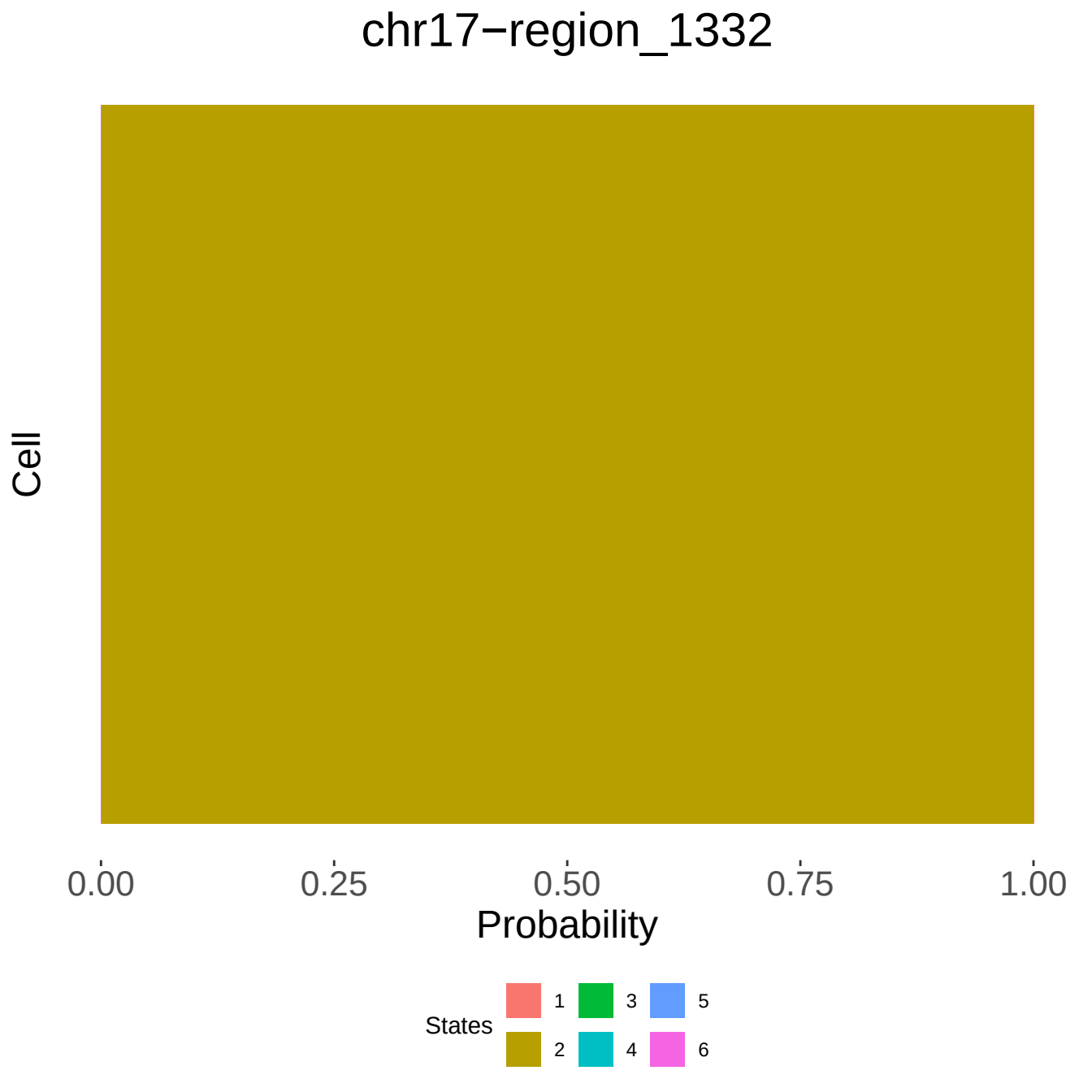
chr17−region_1332
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Probability
States
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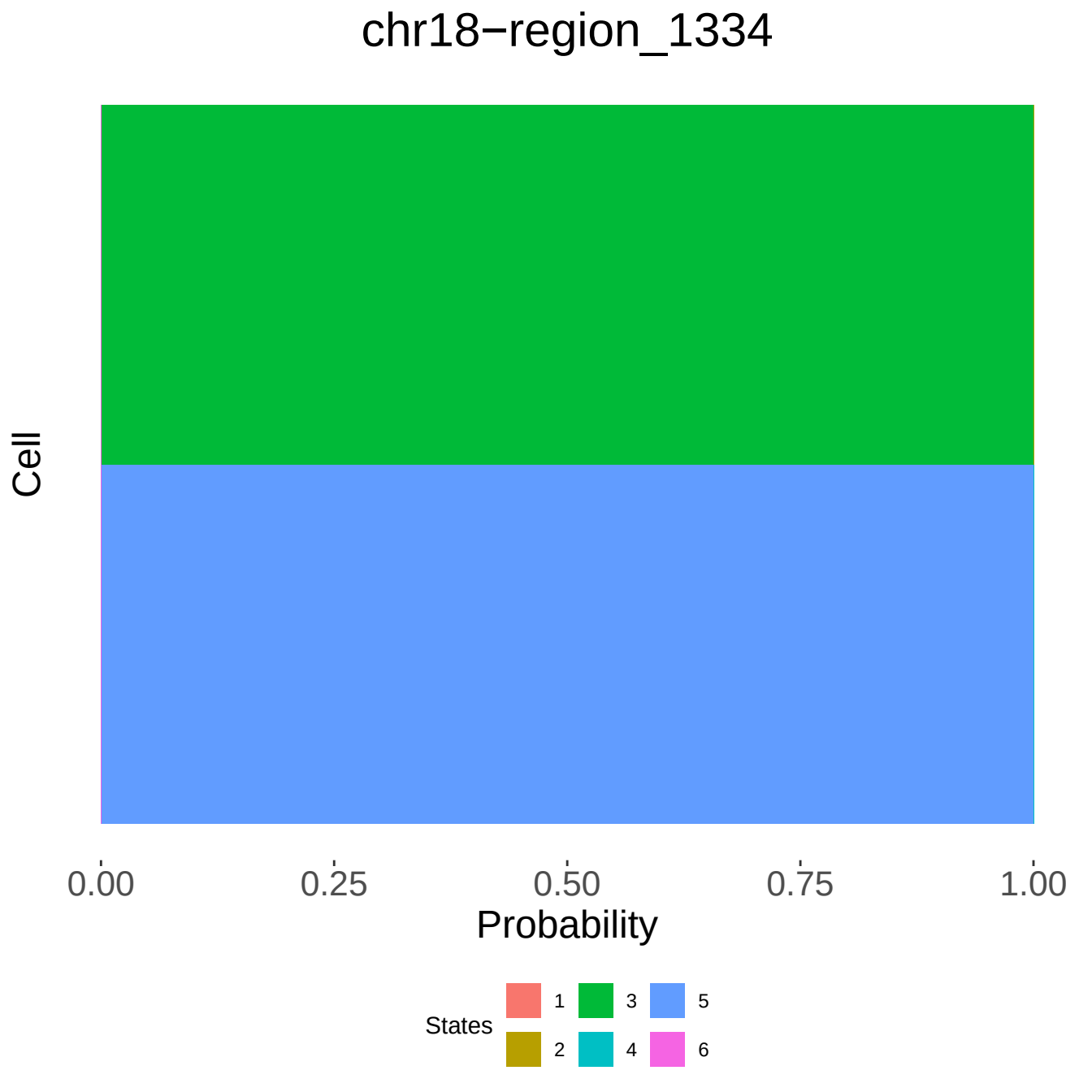
chr18−region_1334
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Probability
States
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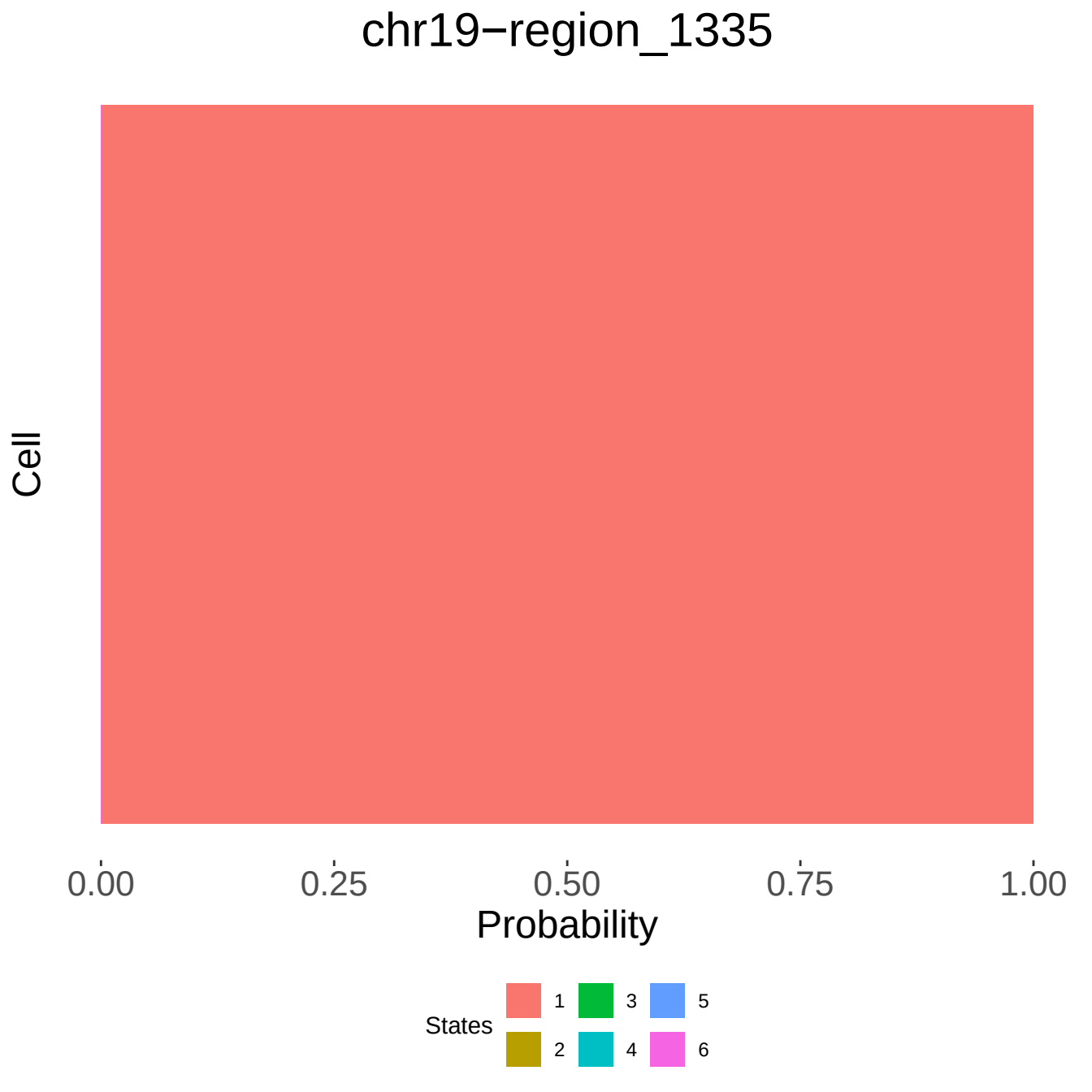
chr19−region_1335
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Probability
States
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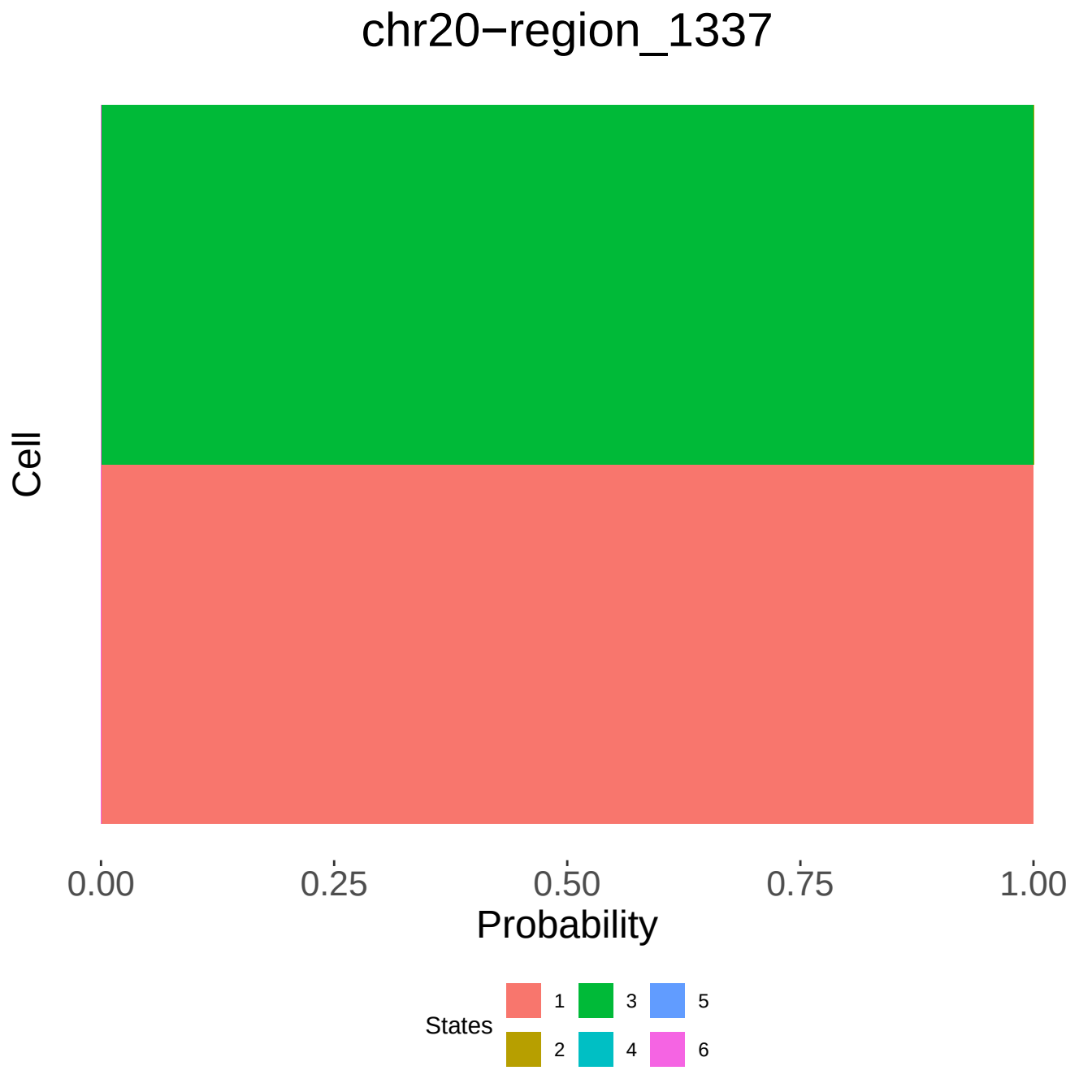
chr20−region_1337
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Probability
States
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3
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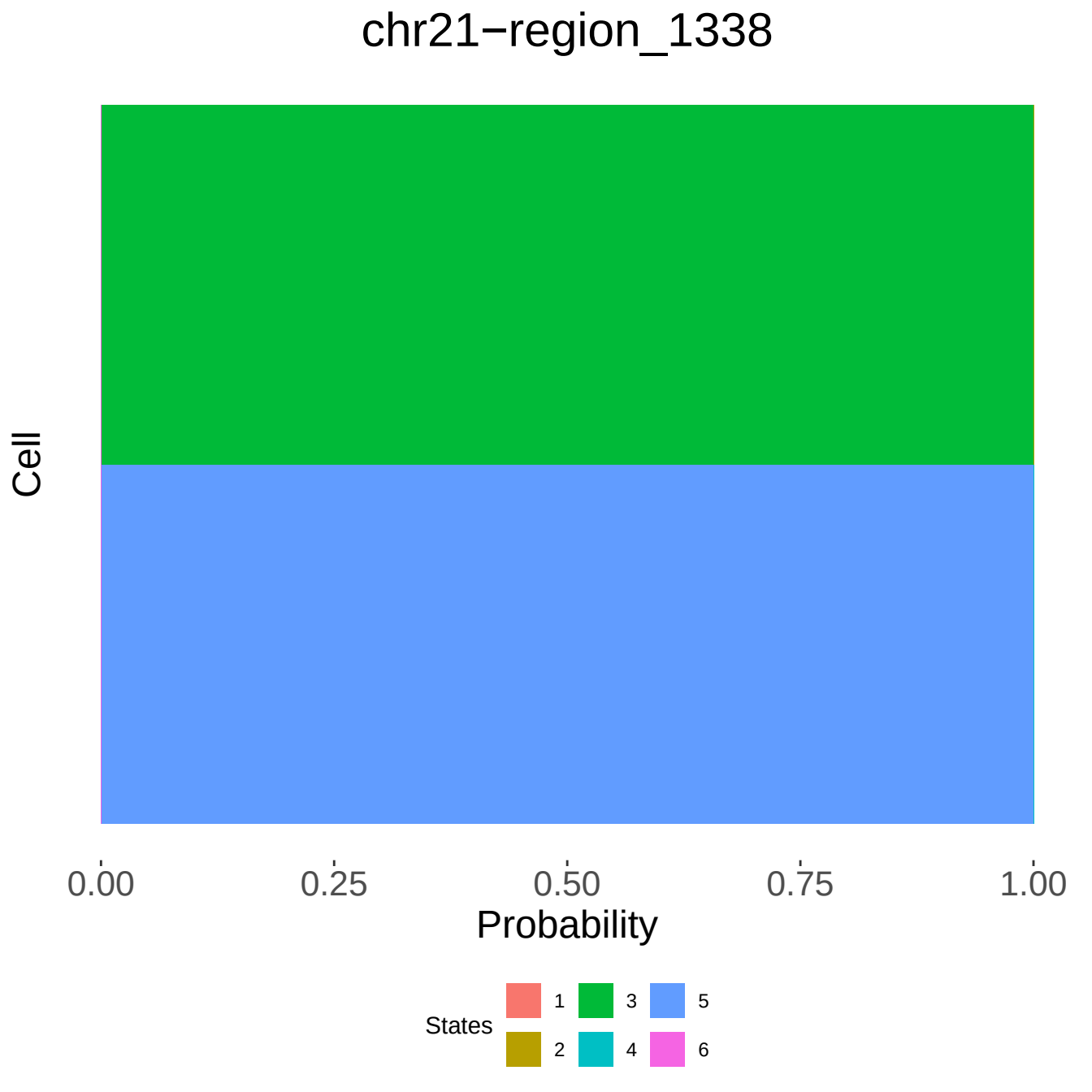
chr21−region_1338
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Probability
States
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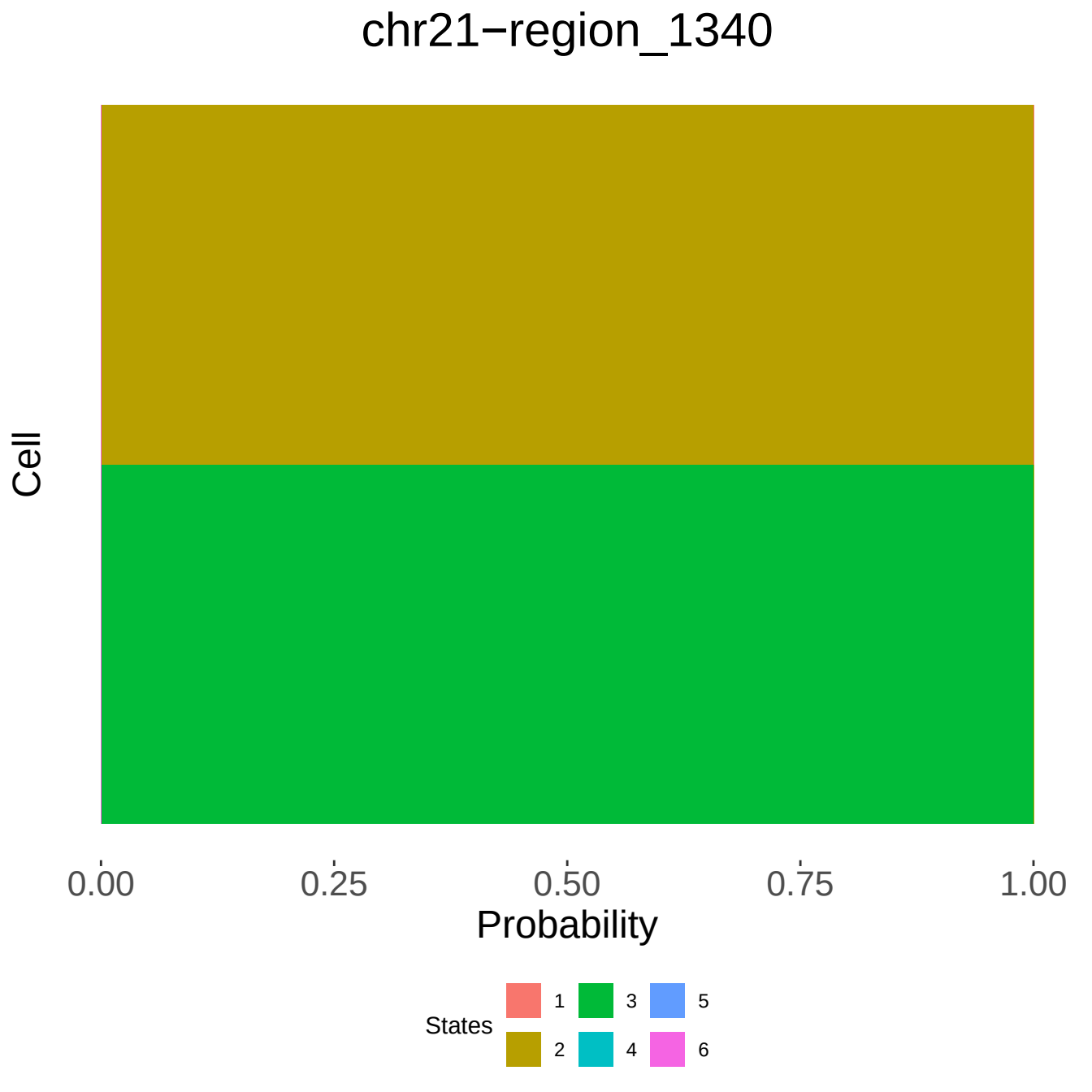
chr21−region_1340
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Probability
States
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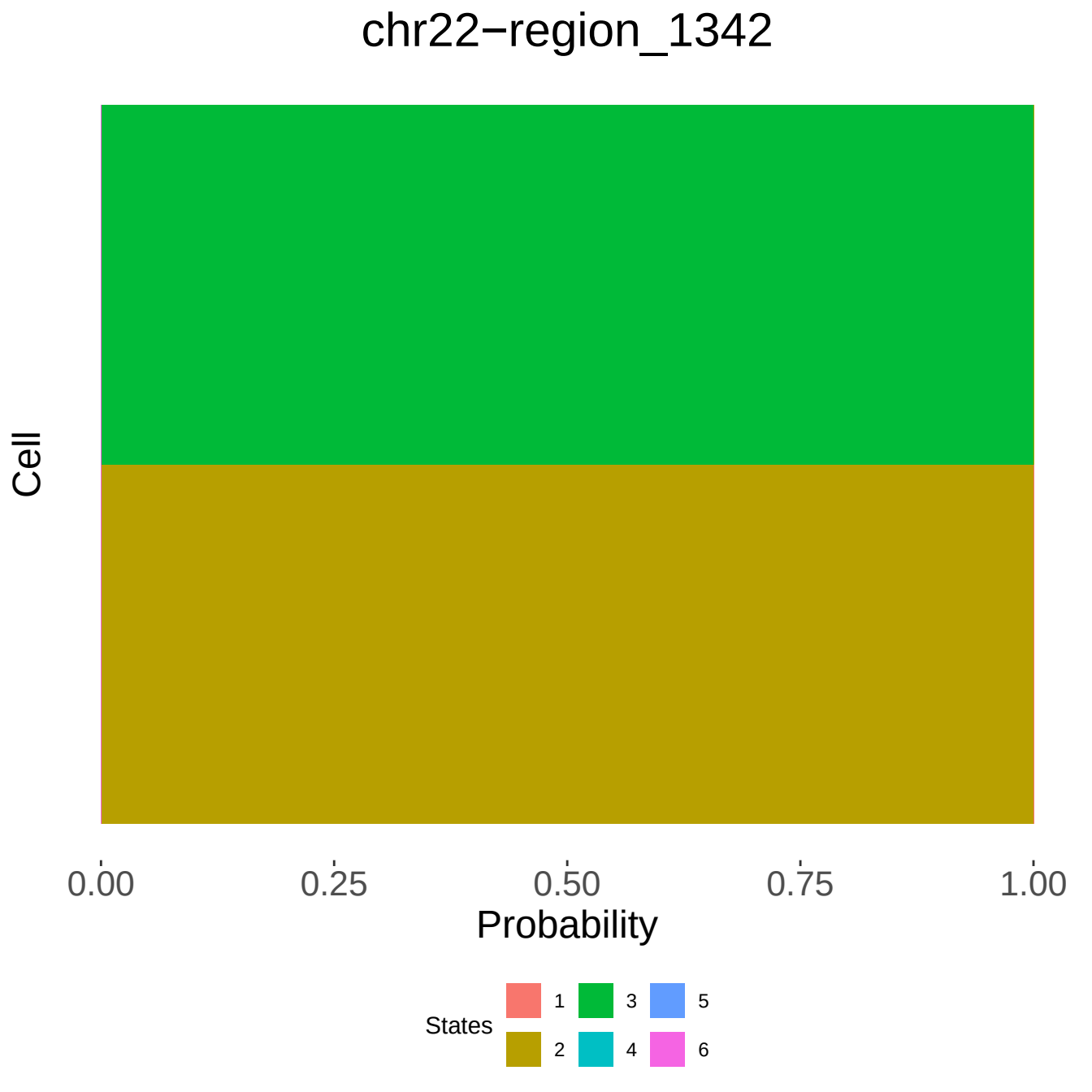
chr22−region_1342
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Probability
States
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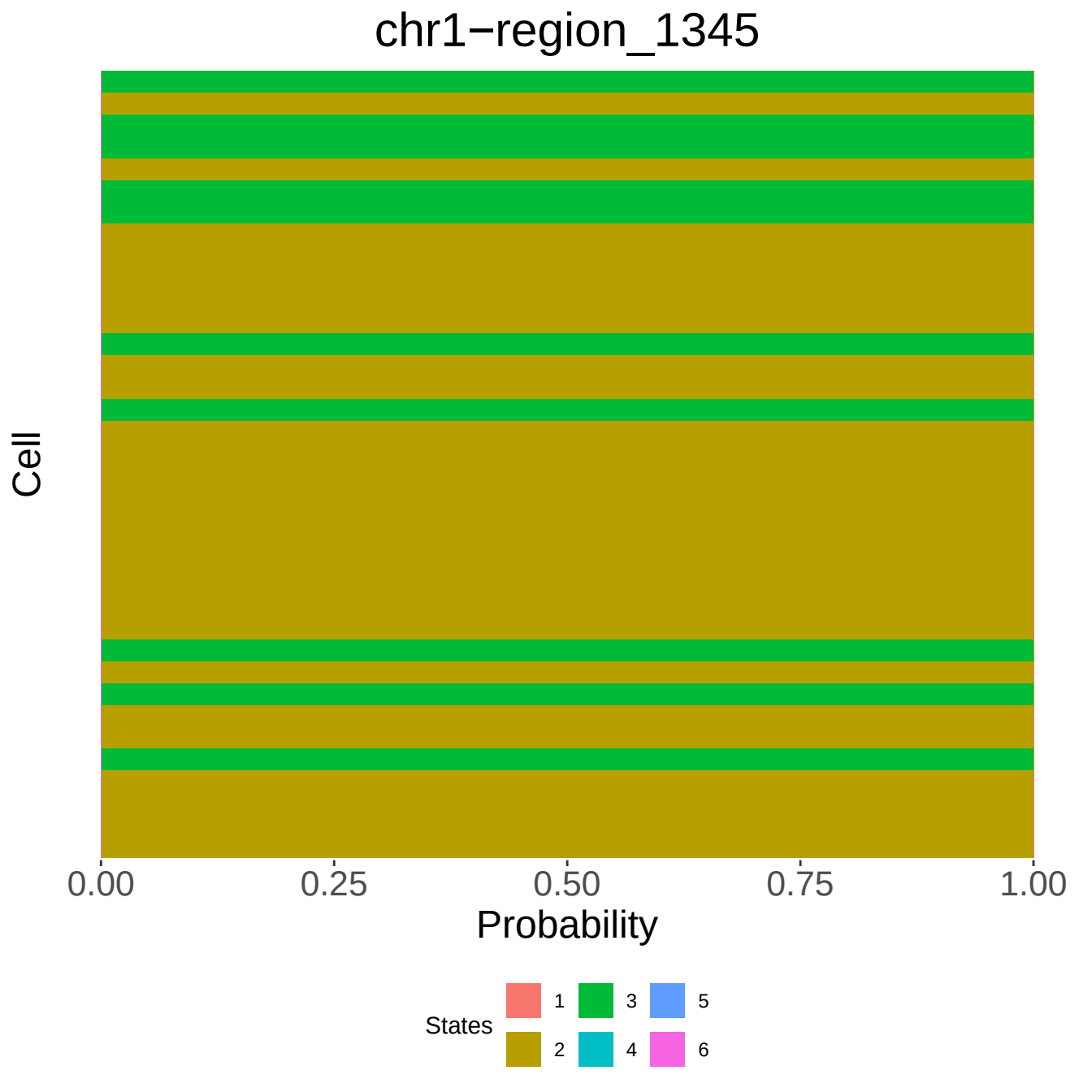
chr1−region_1345
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Probability
States
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2
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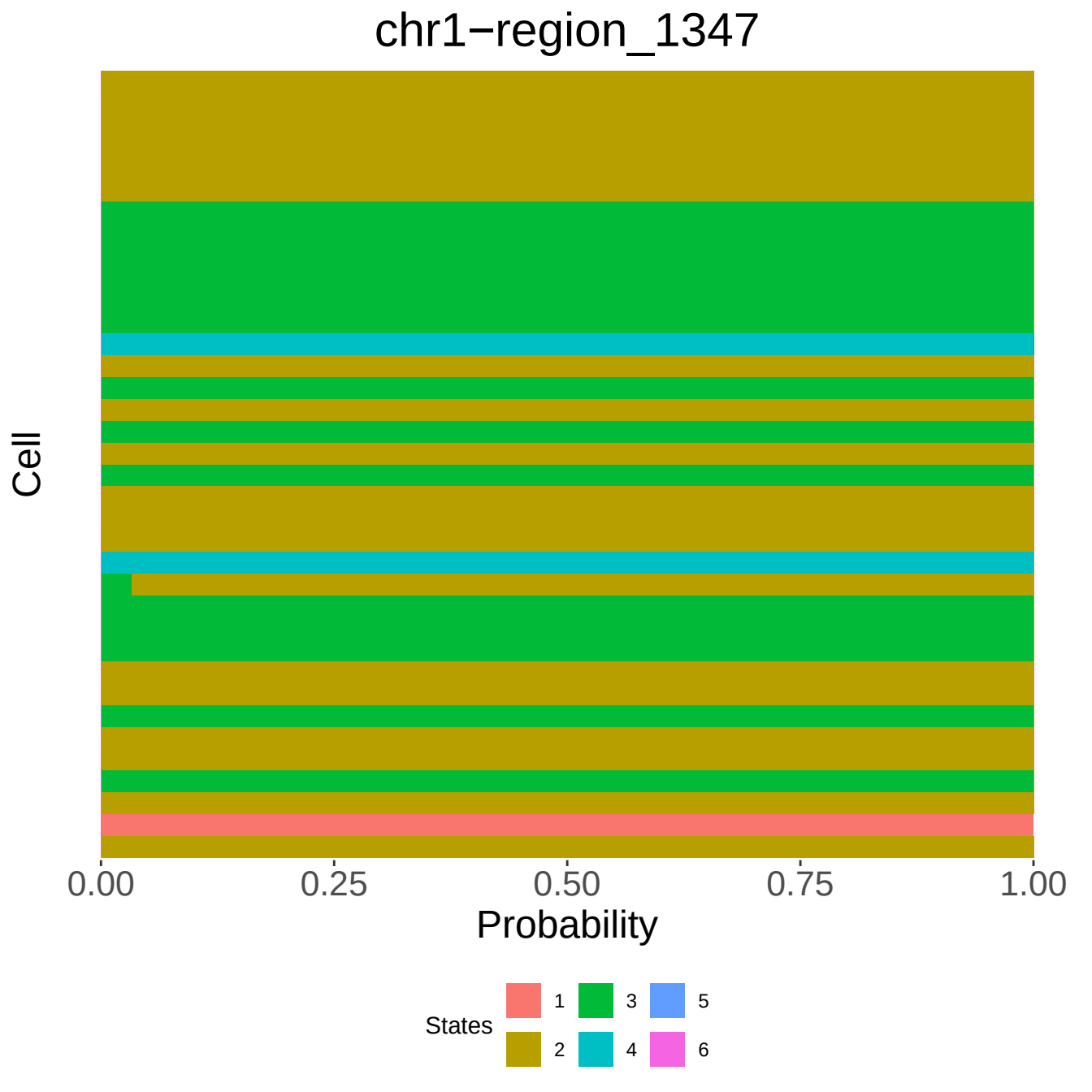
chr1−region_1347
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Probability
States
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3
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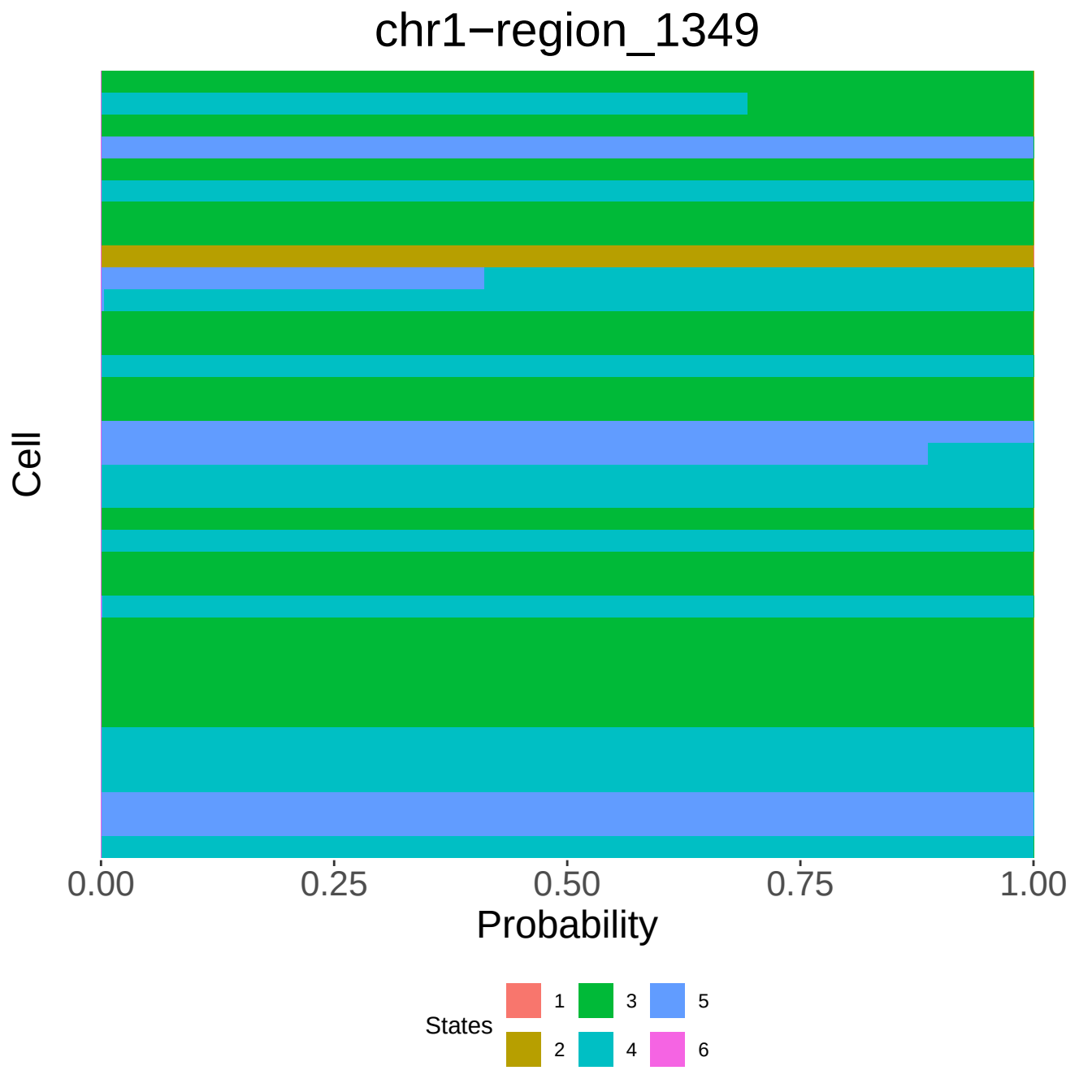
chr1−region_1349
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Probability
States
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4
5
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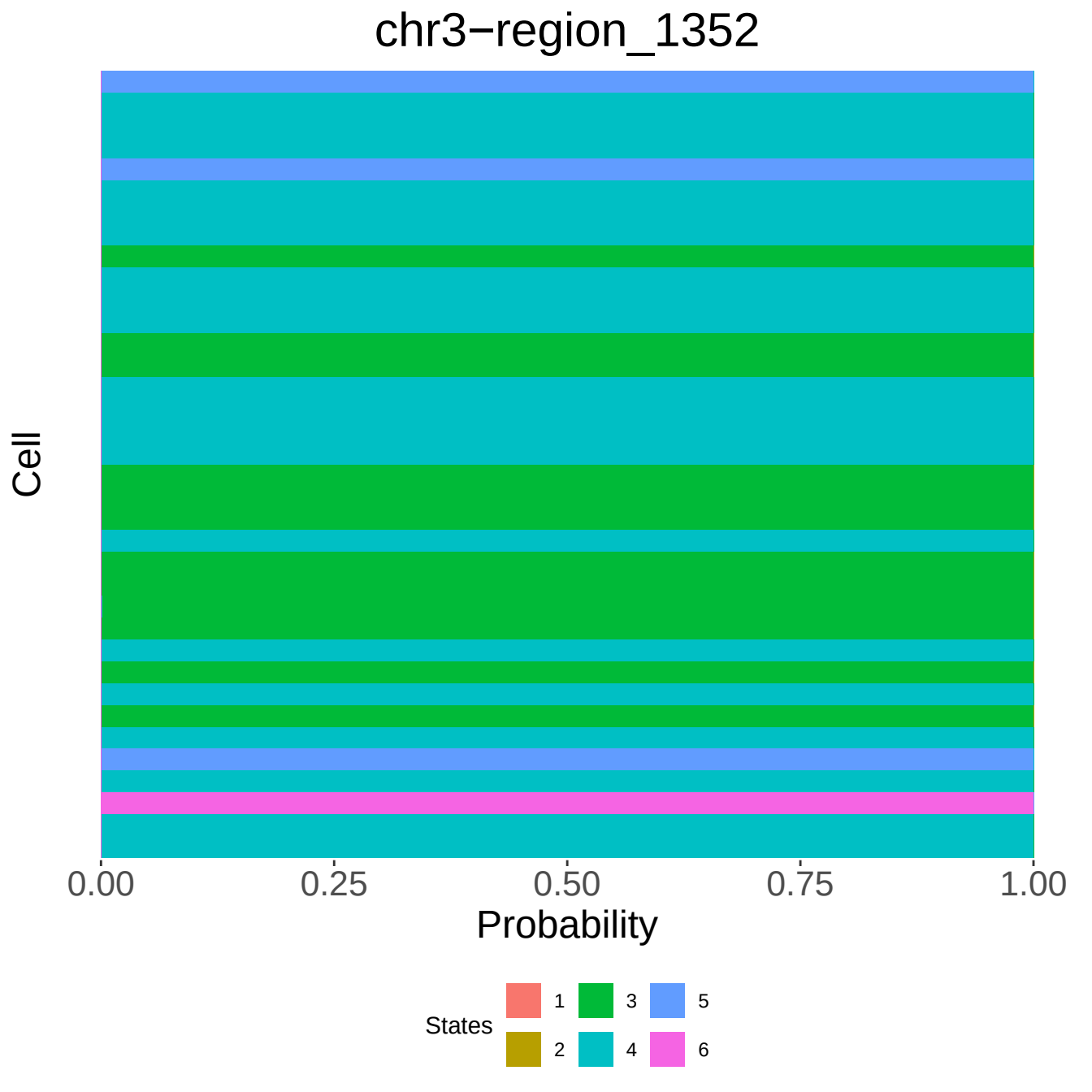
chr3−region_1352
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Probability
States
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3
4
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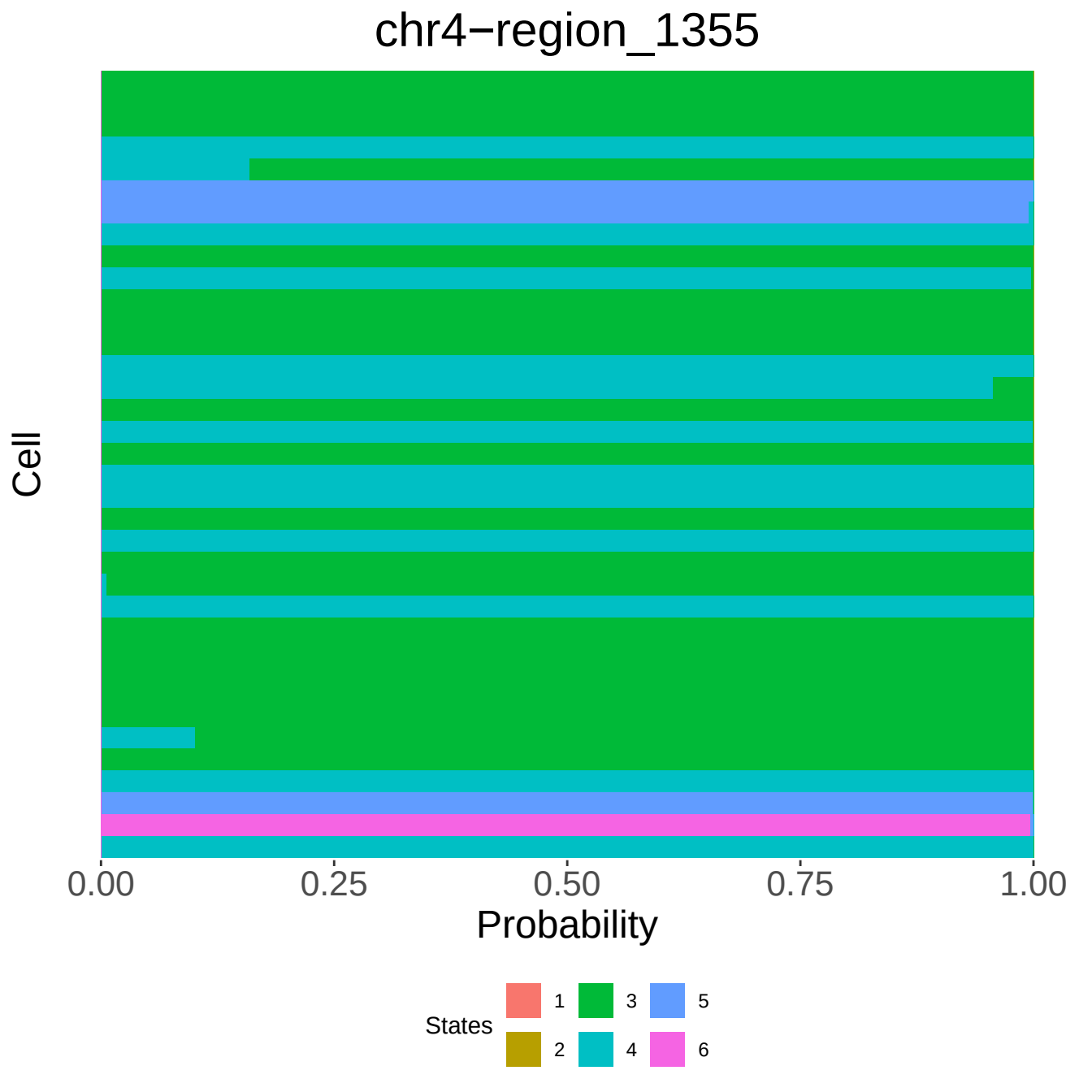
chr4−region_1355
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1.00
Probability
States
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2
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4
5
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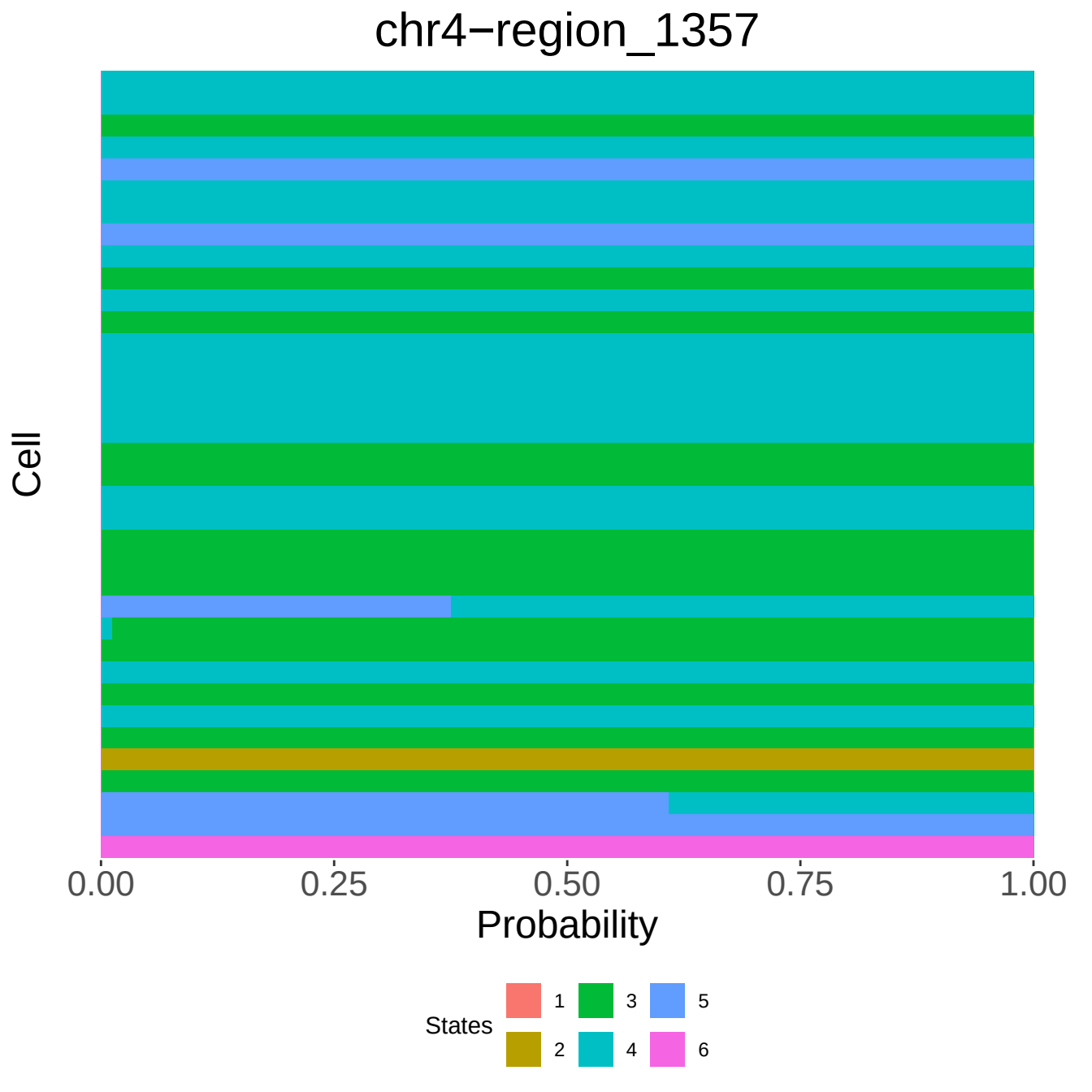
chr4−region_1357
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1.00
Probability
States
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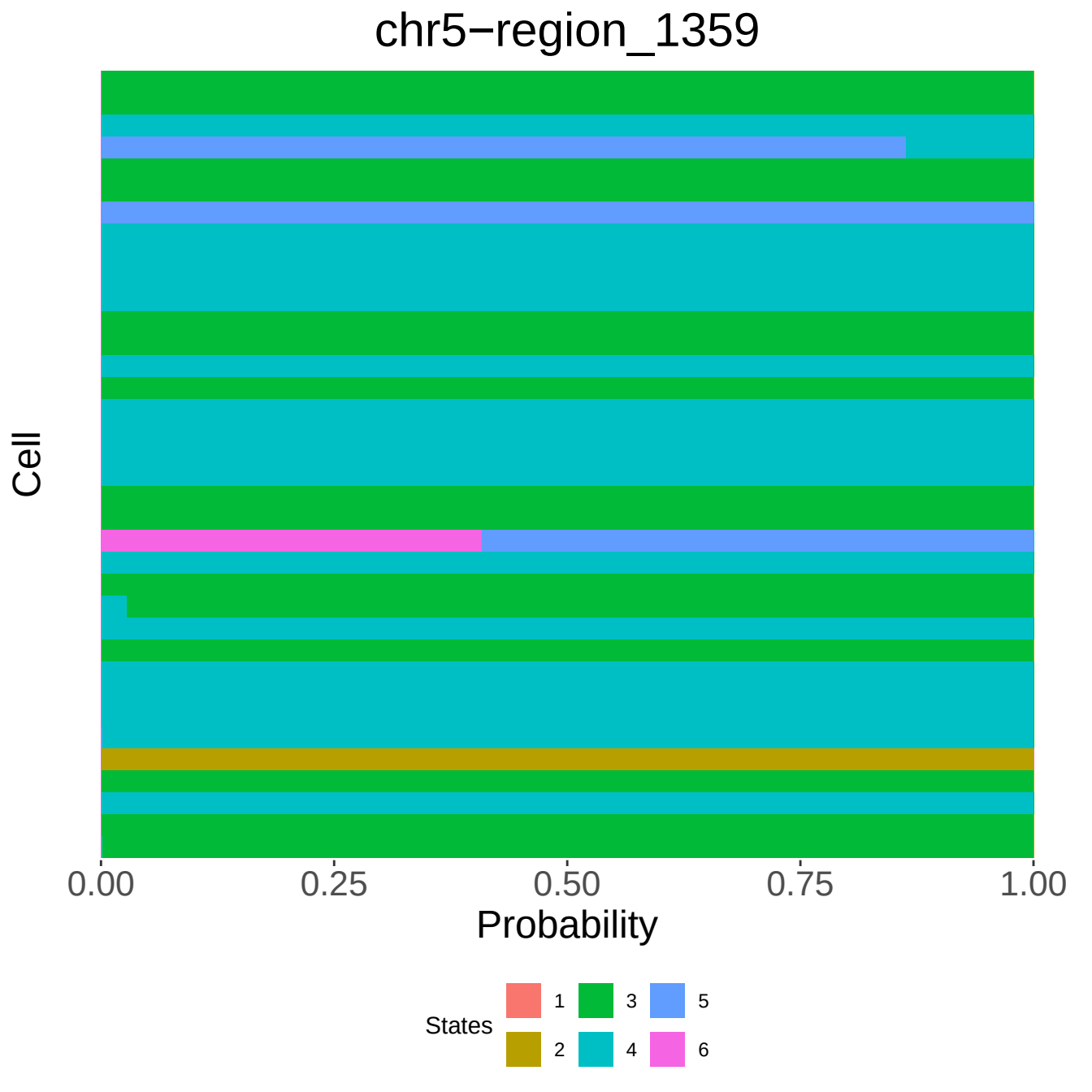
3
4
5
6


chr5−region_1359
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0.75
1.00
Probability
States
1
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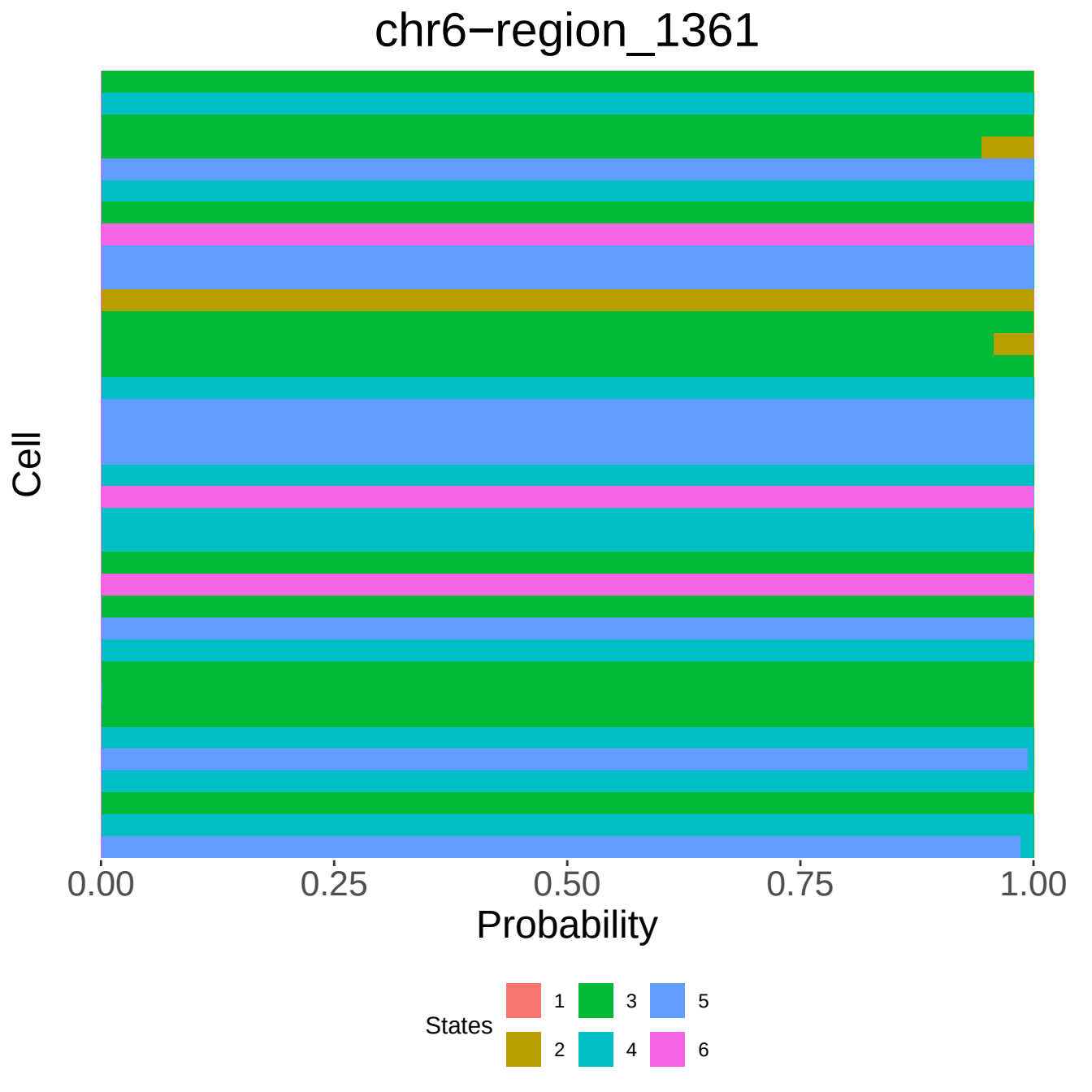
3
4
5
6


chr6−region_1361
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Probability
States
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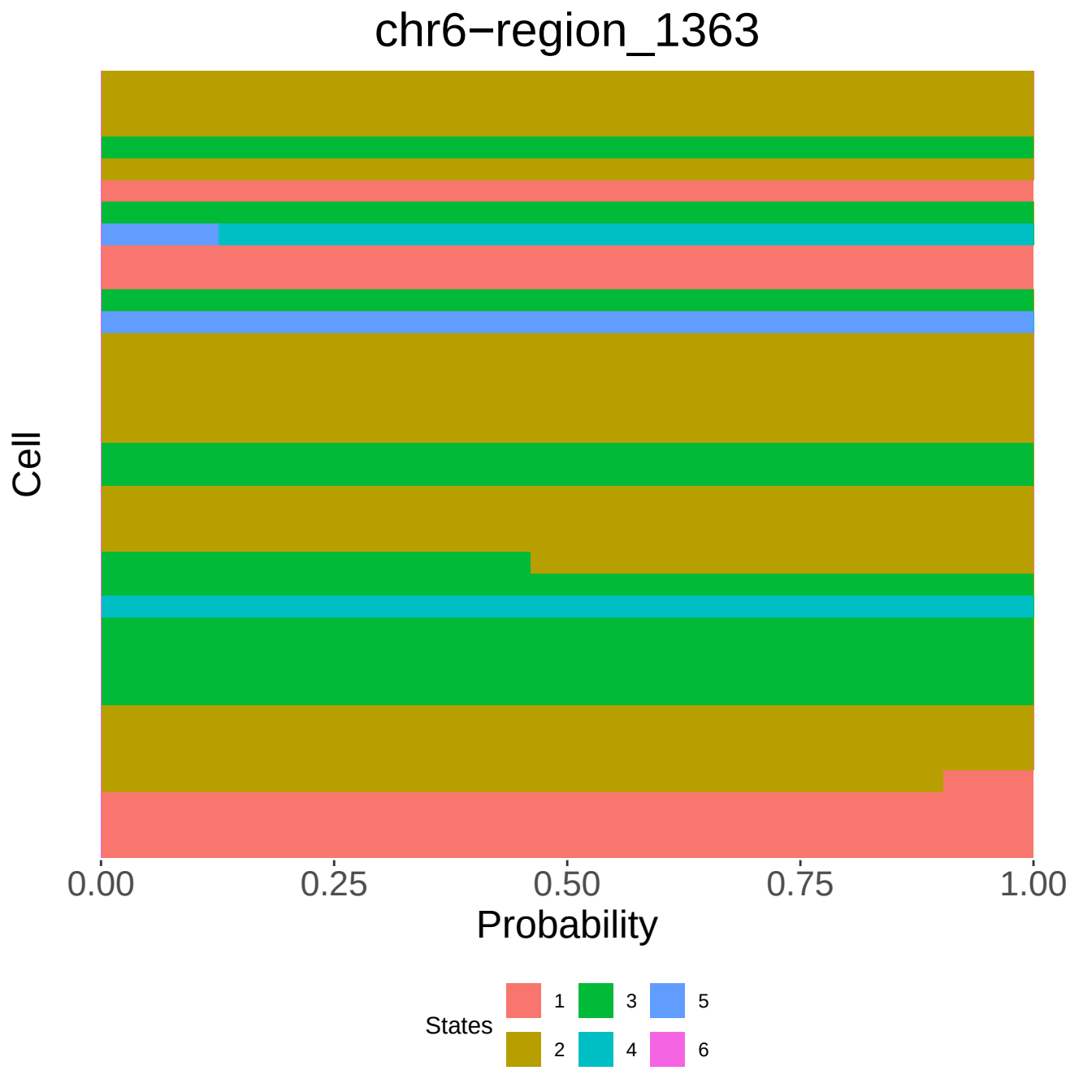
3
4
5
6


chr6−region_1363
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Probability
States
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3
4
5
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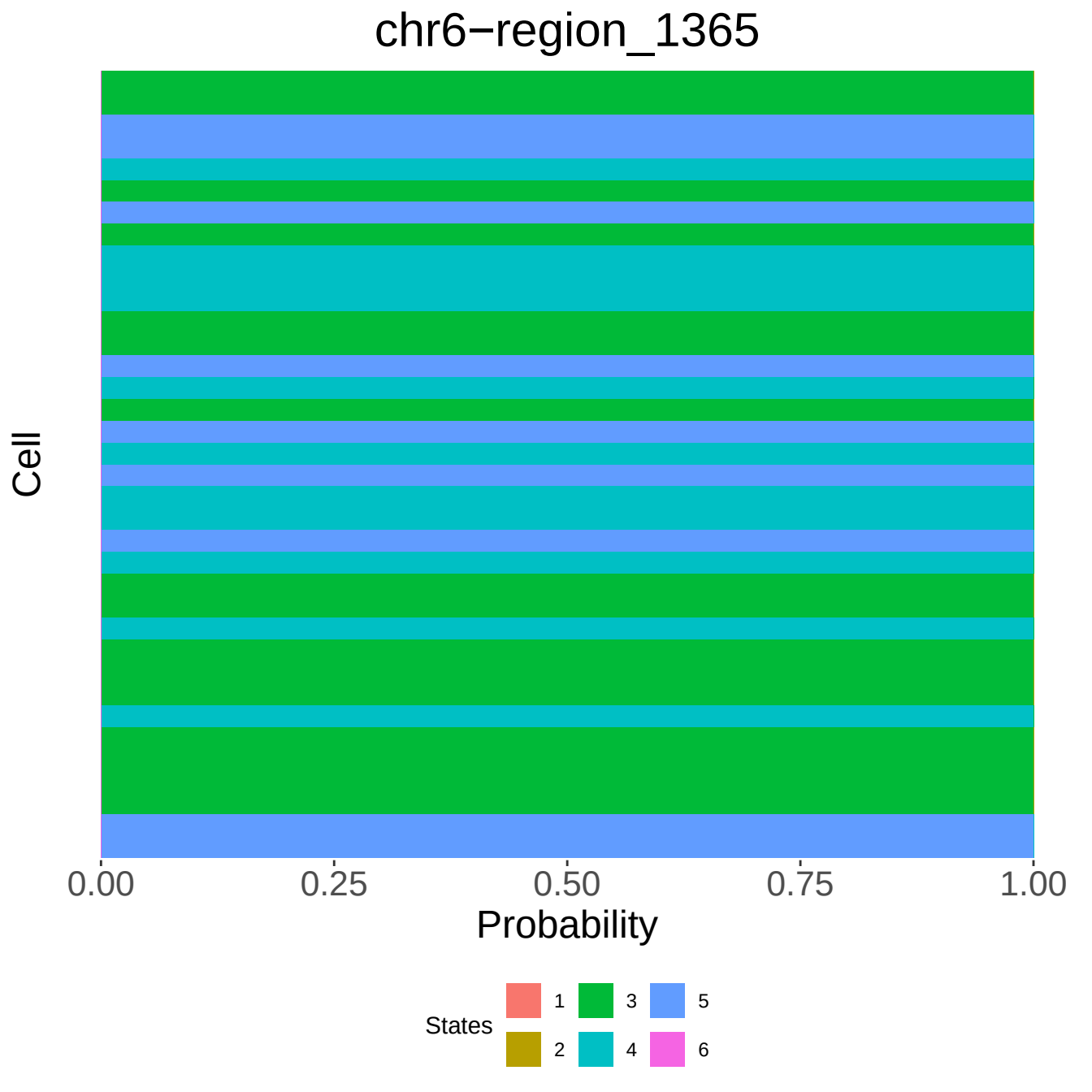
chr6−region_1365
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Probability
States
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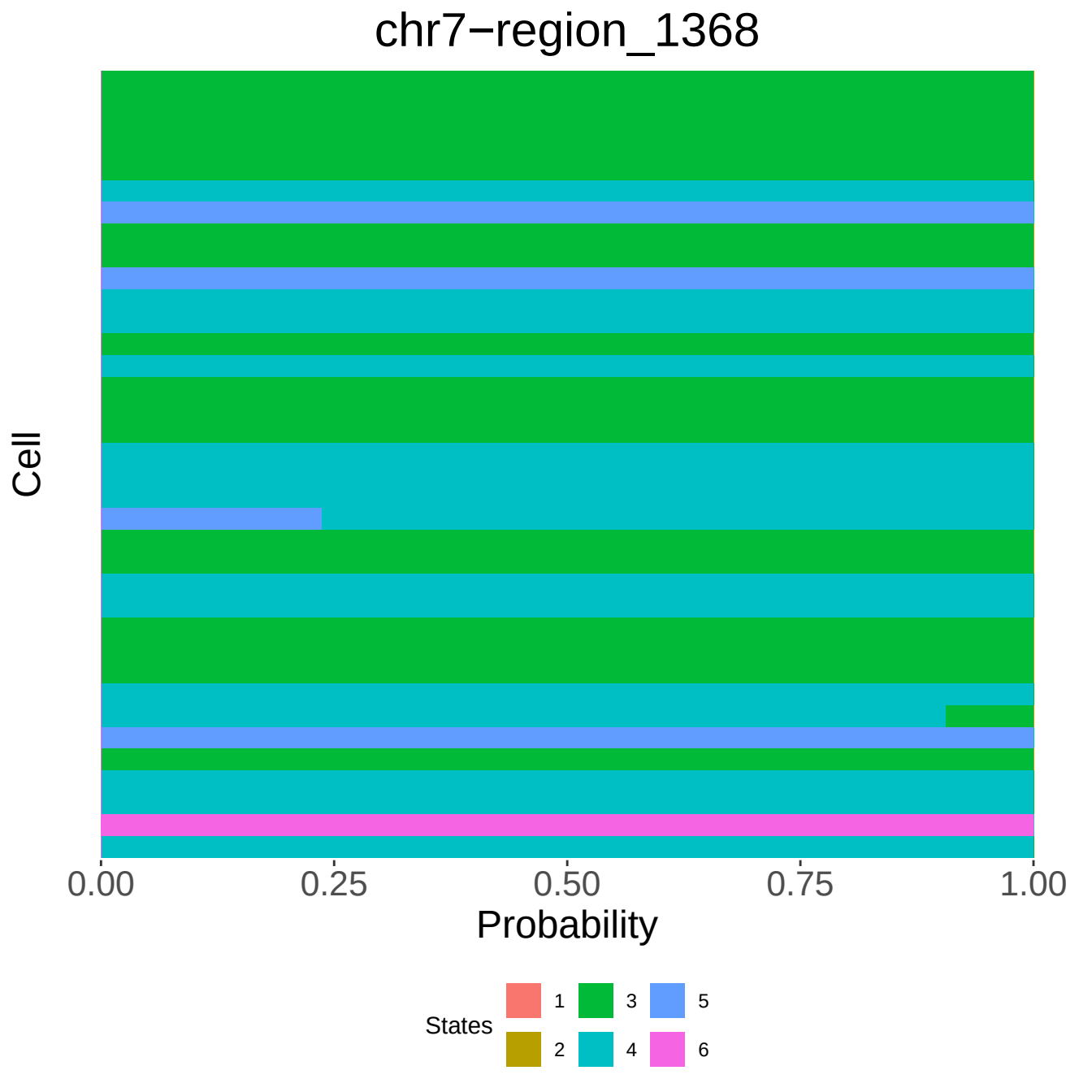
4
5
6


chr7−region_1368
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Probability
States
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3
4
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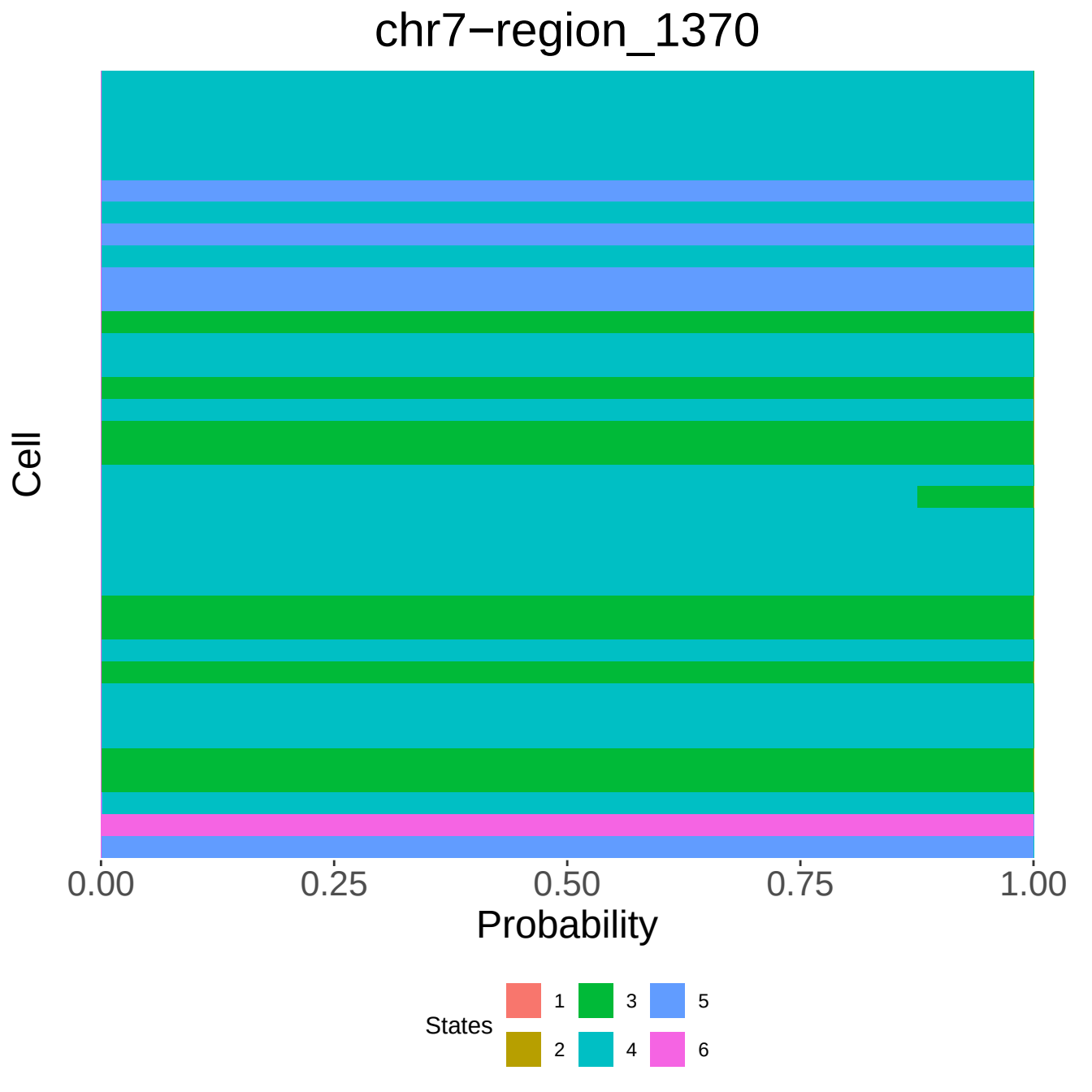
chr7−region_1370
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Probability
States
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3
4
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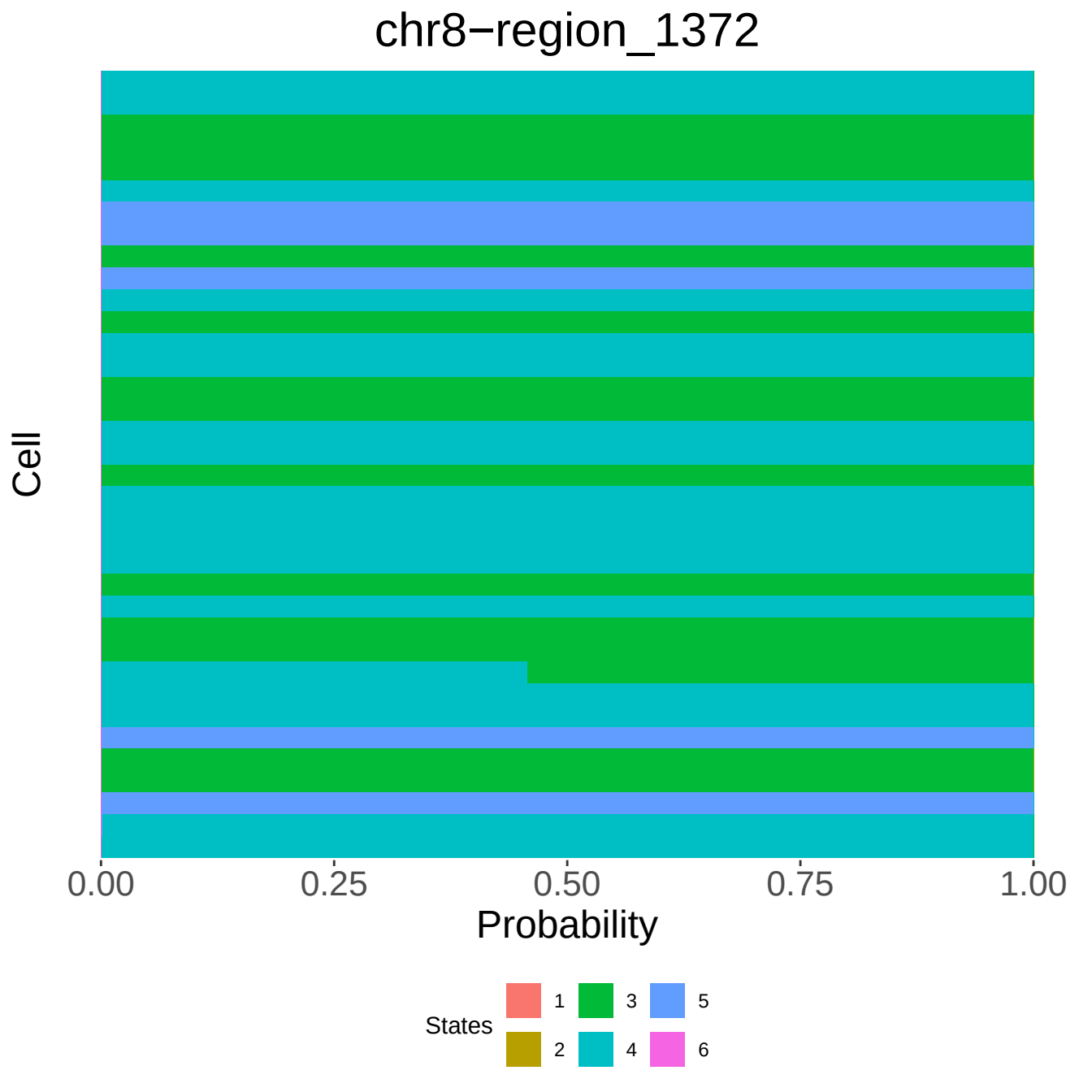
chr8−region_1372
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Probability
States
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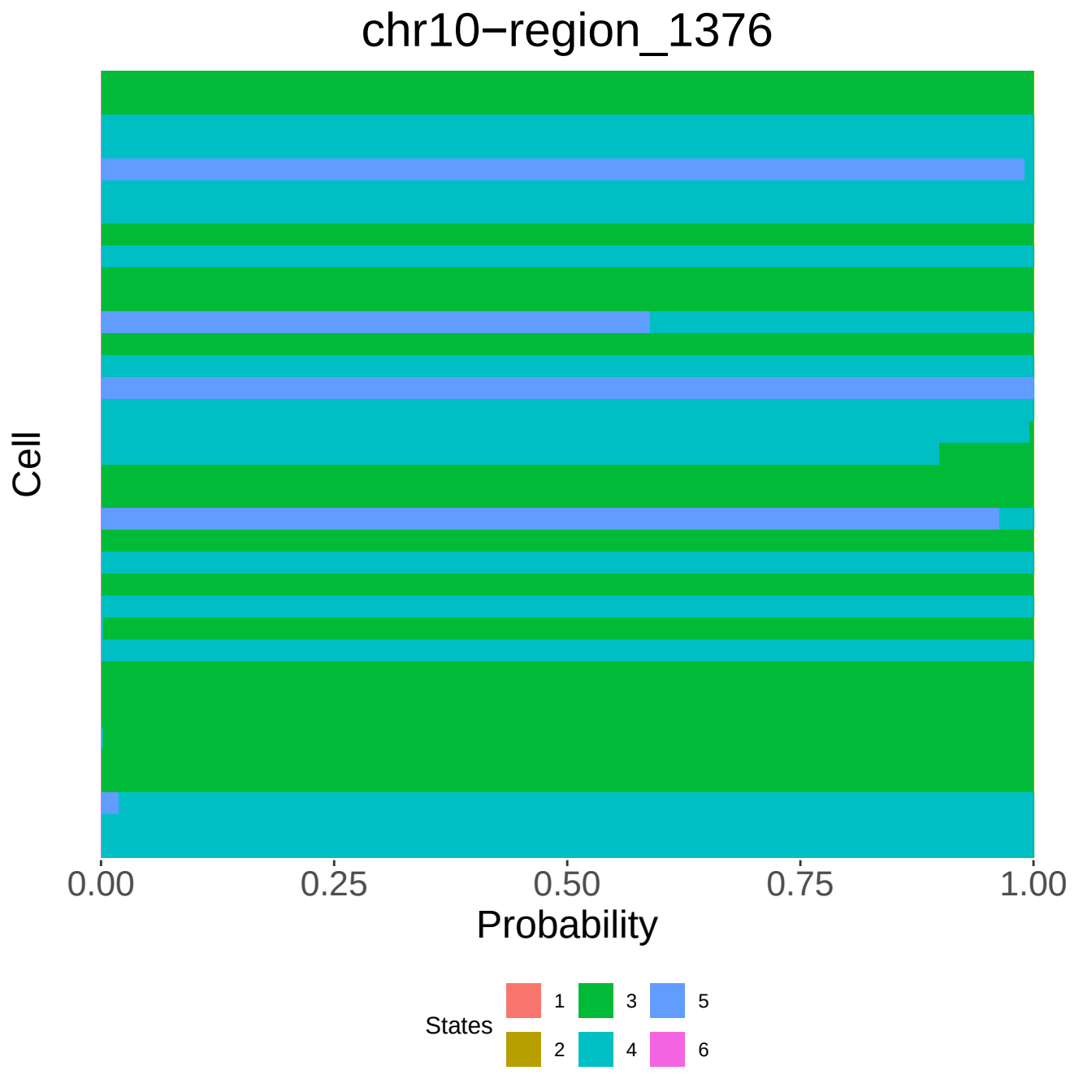
chr10−region_1376
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Probability
States
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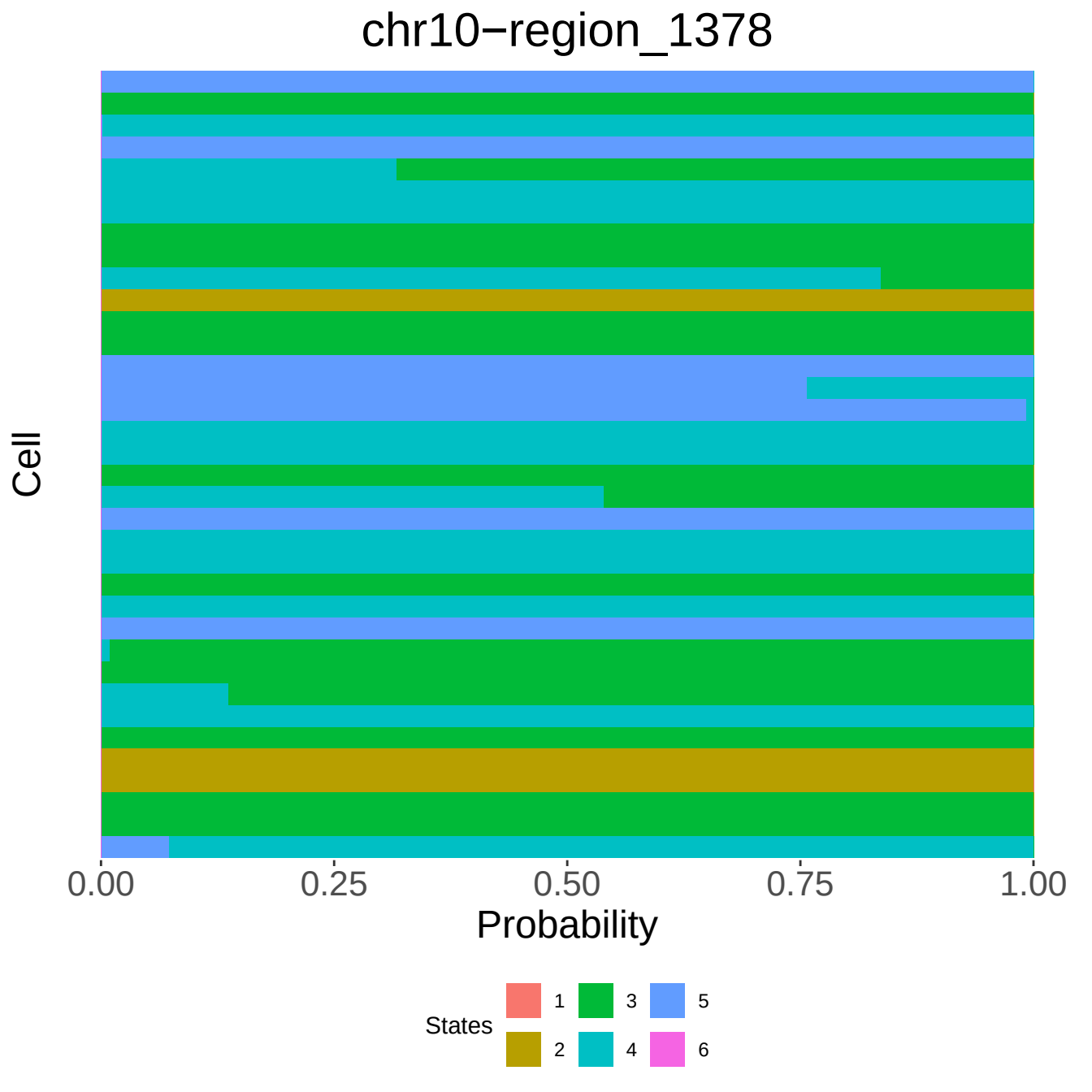
chr10−region_1378
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Probability
States
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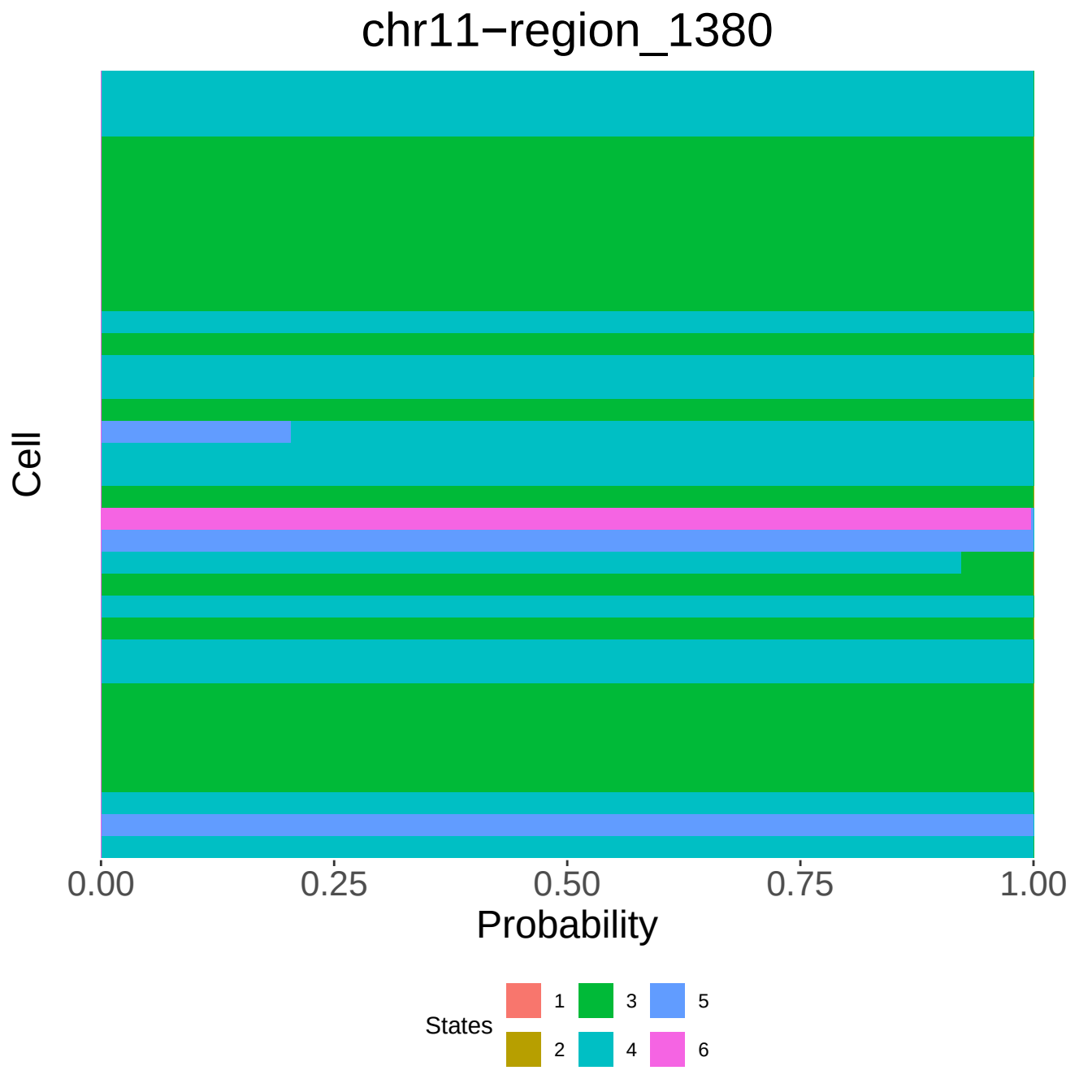
chr11−region_1380
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Probability
States
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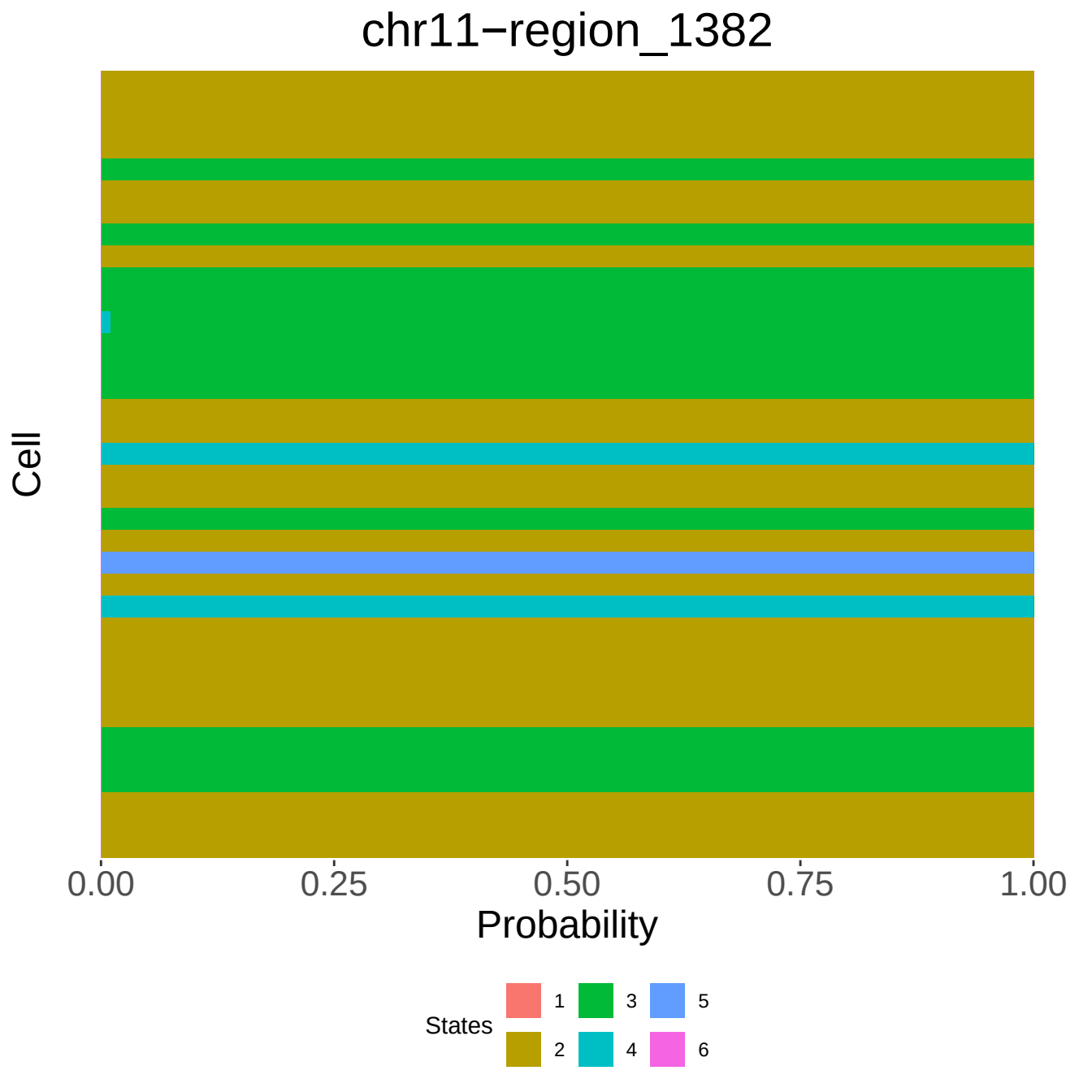
chr11−region_1382
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Probability
States
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5
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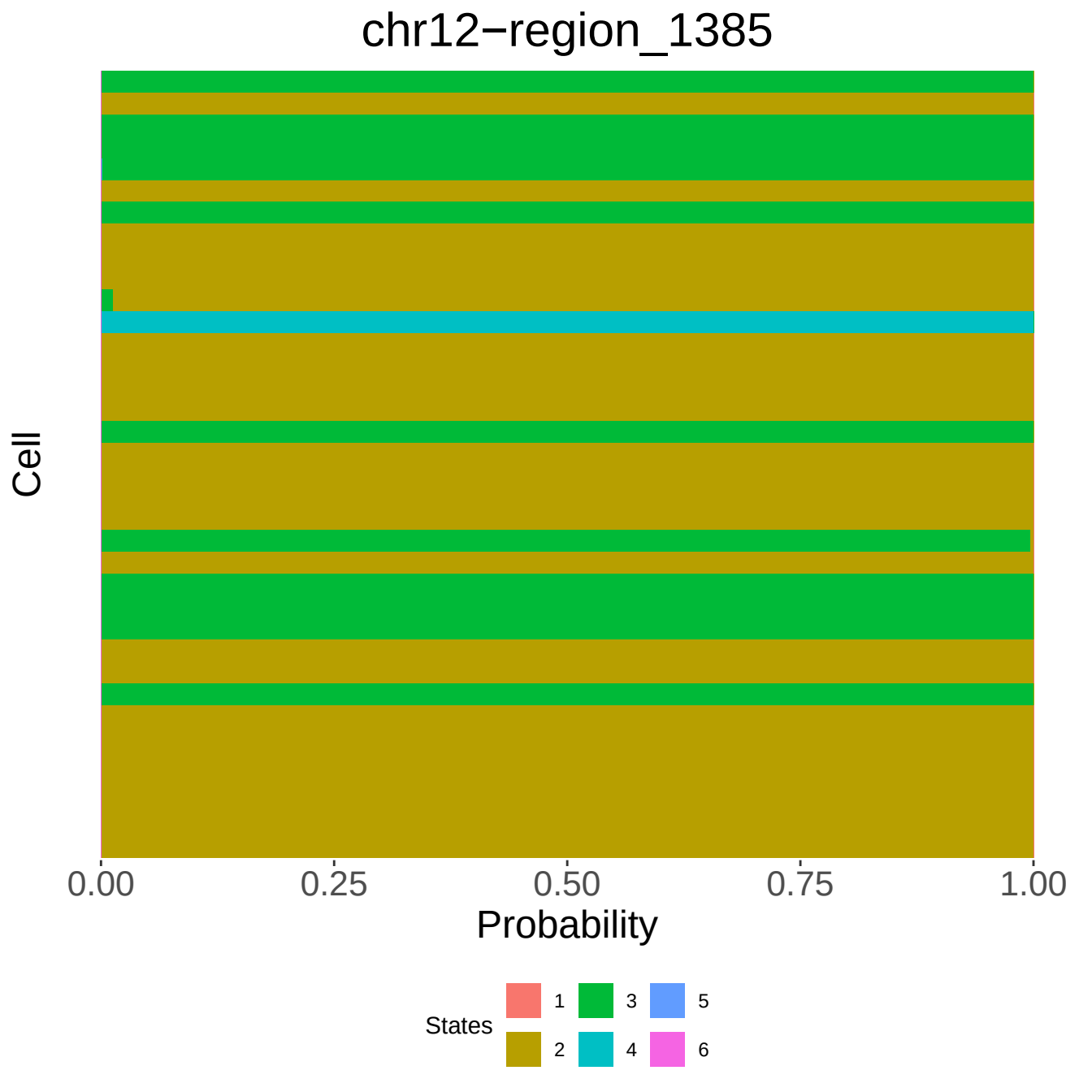
chr12−region_1385
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Probability
States
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3
4
5
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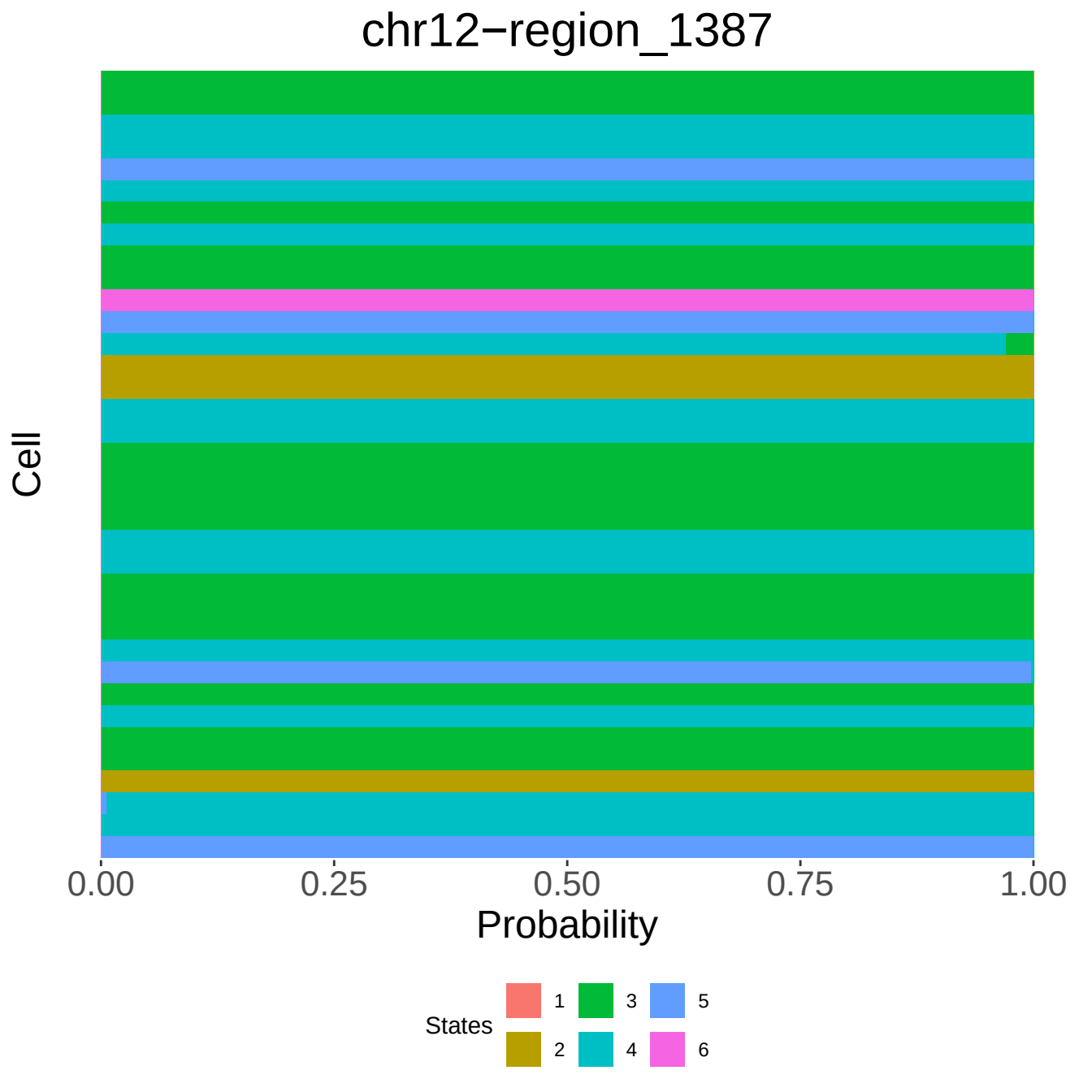
chr12−region_1387
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Probability
States
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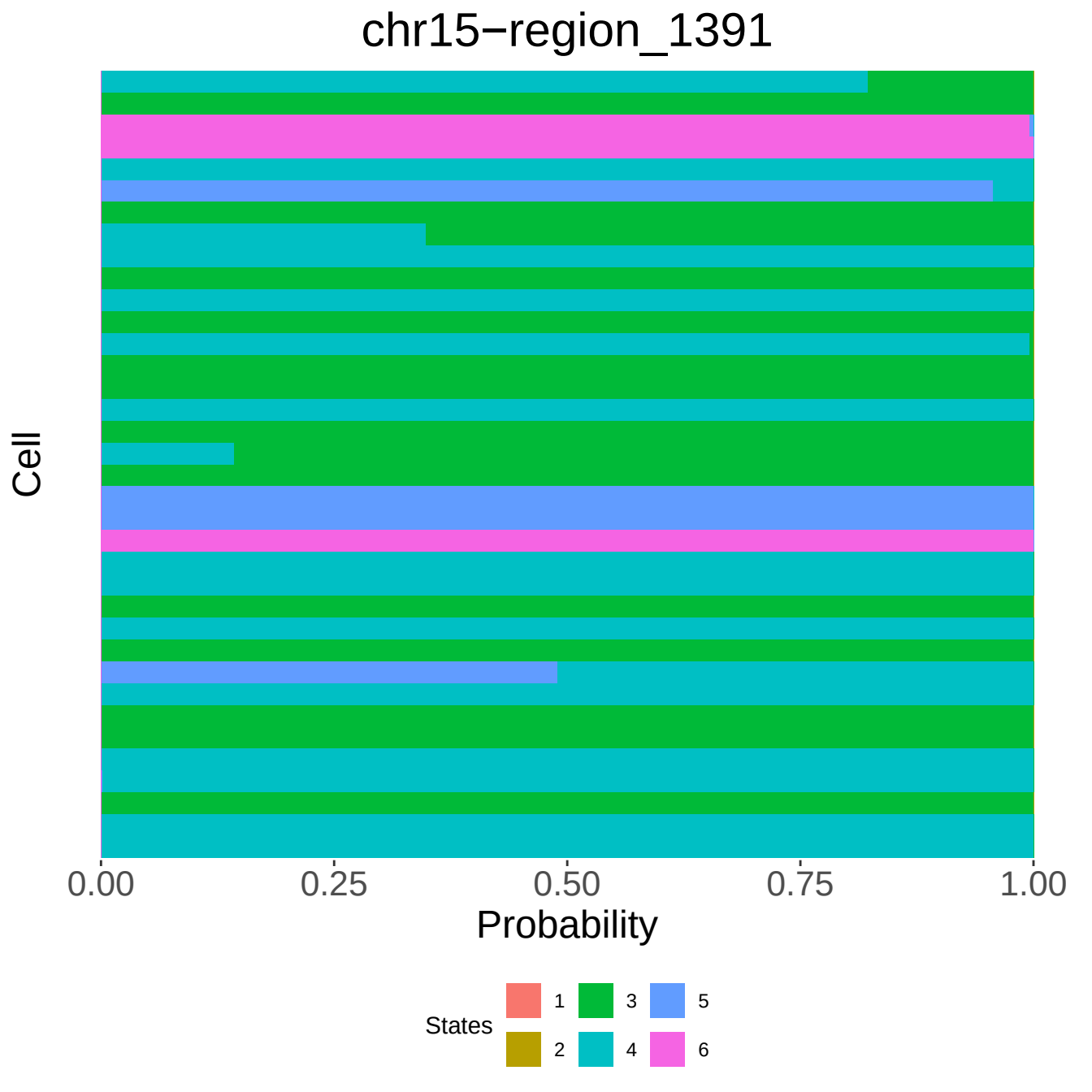
chr15−region_1391
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Probability
States
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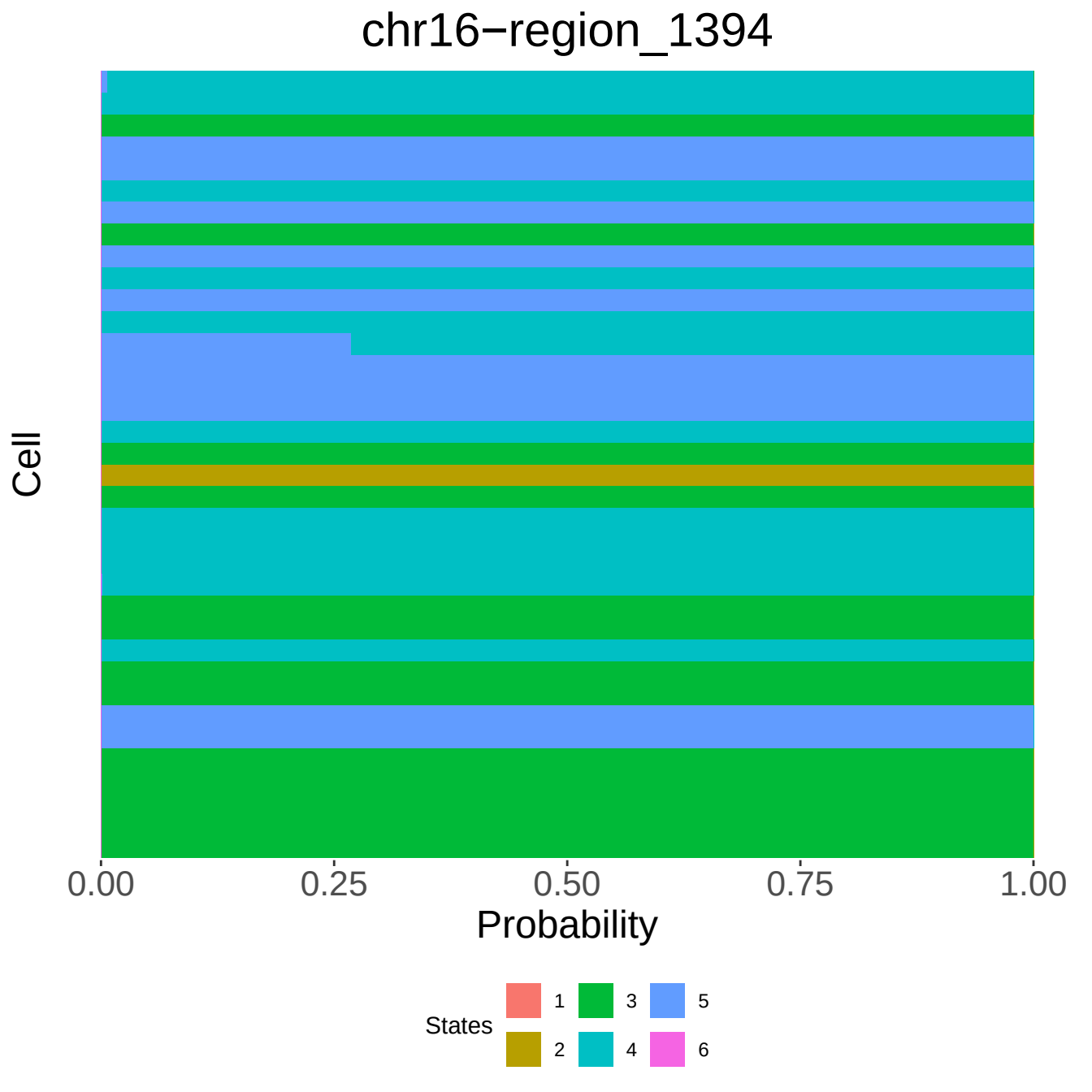
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Probability
States
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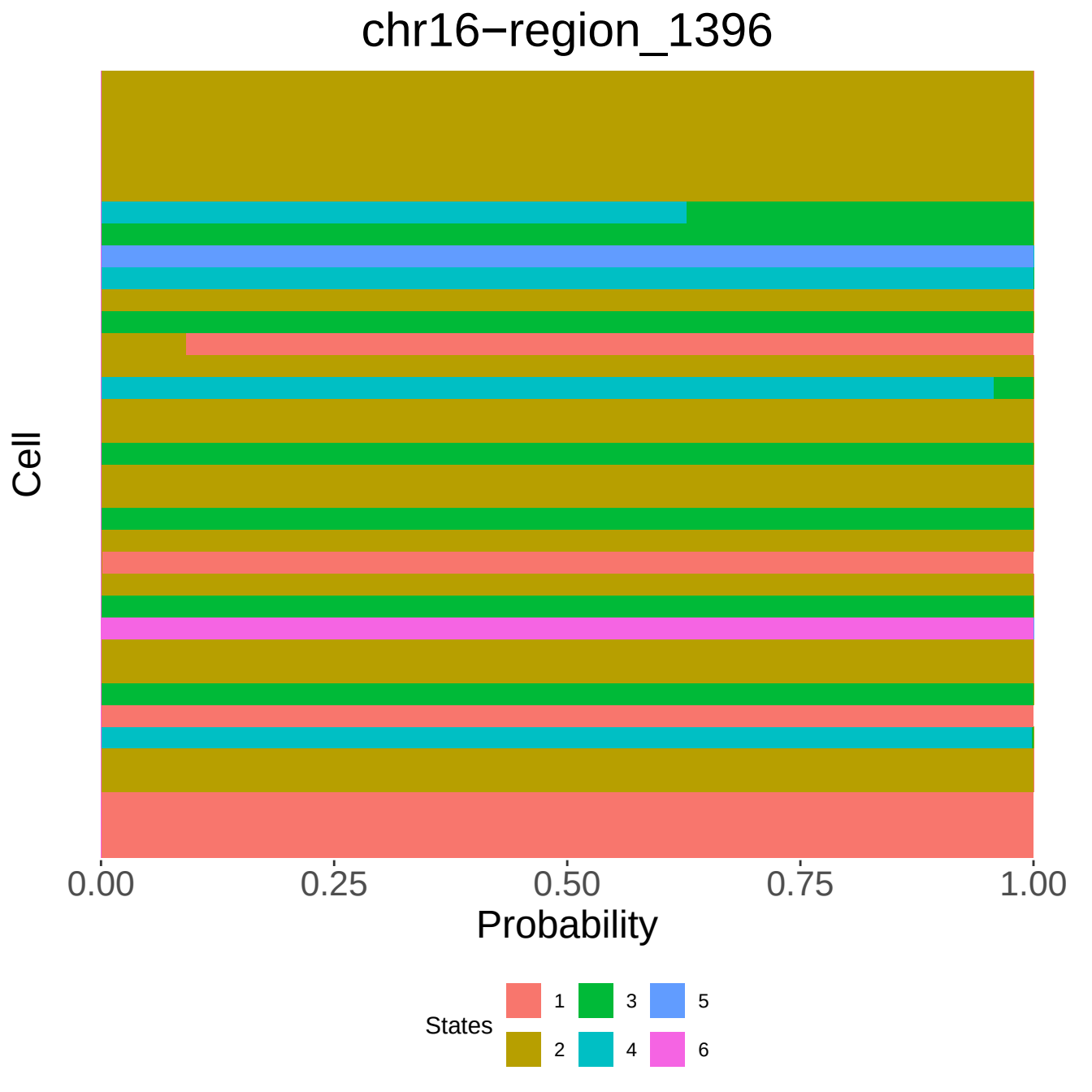
chr16−region_1396
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Probability
States
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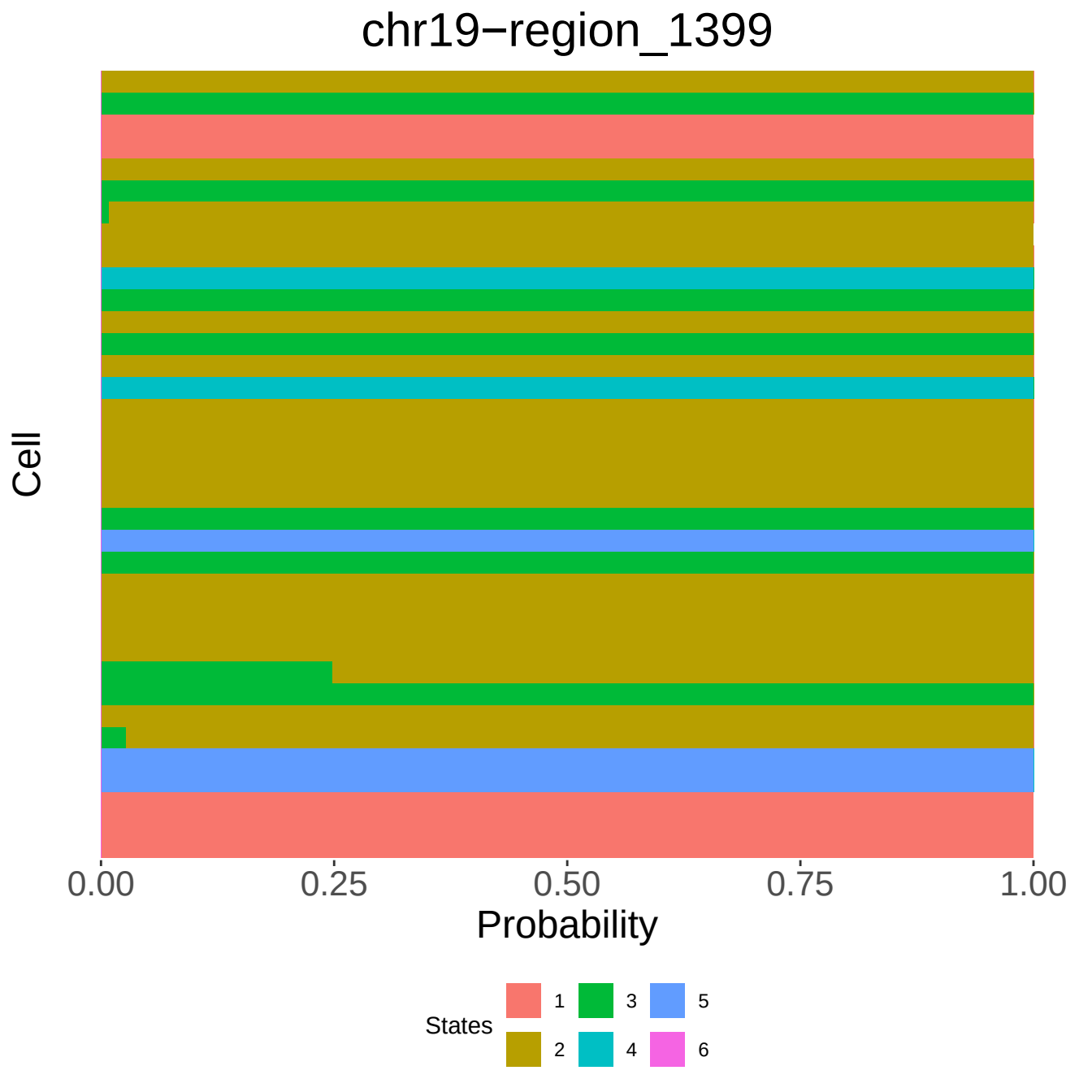
chr19−region_1399
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Probability
States
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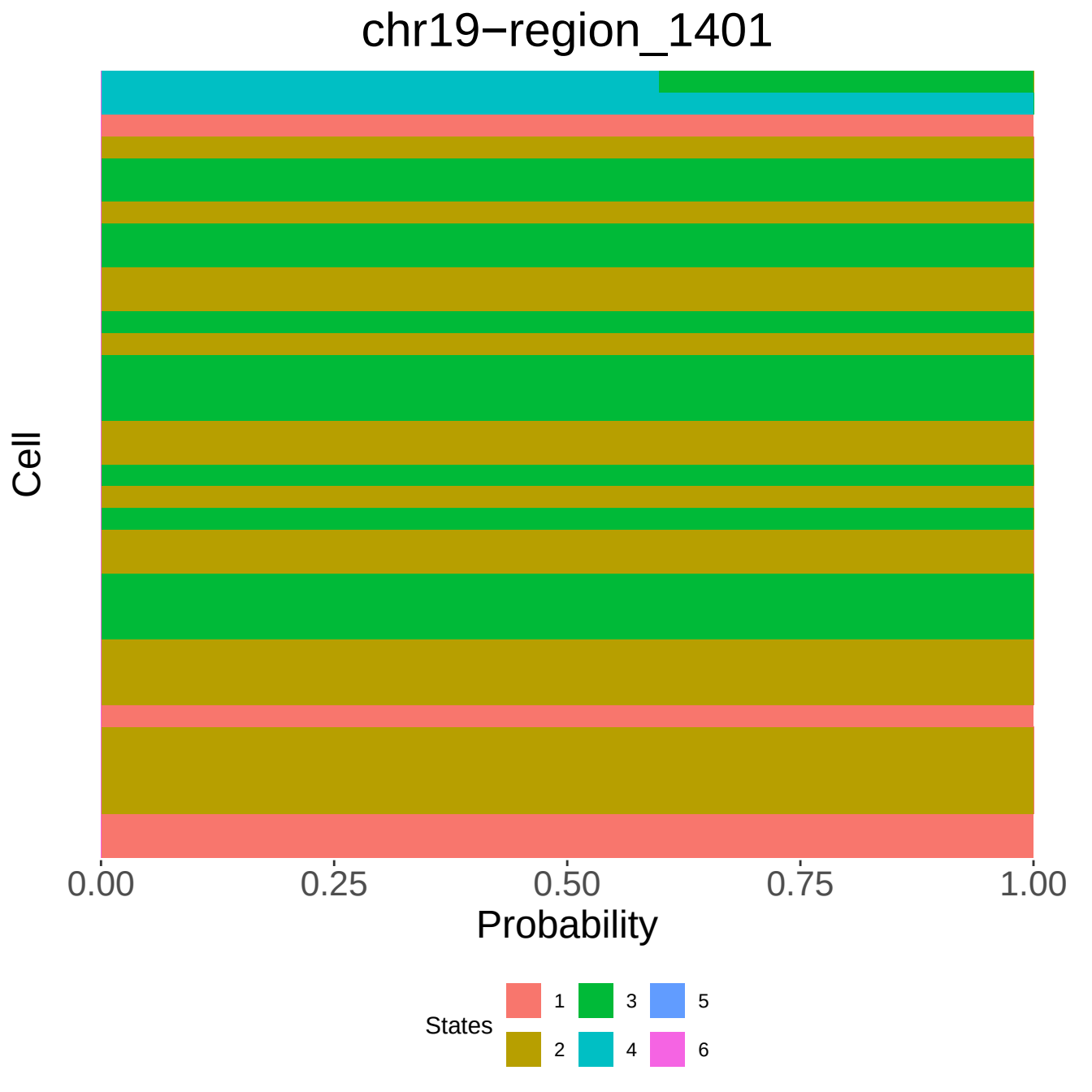
chr19−region_1401
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Probability
States
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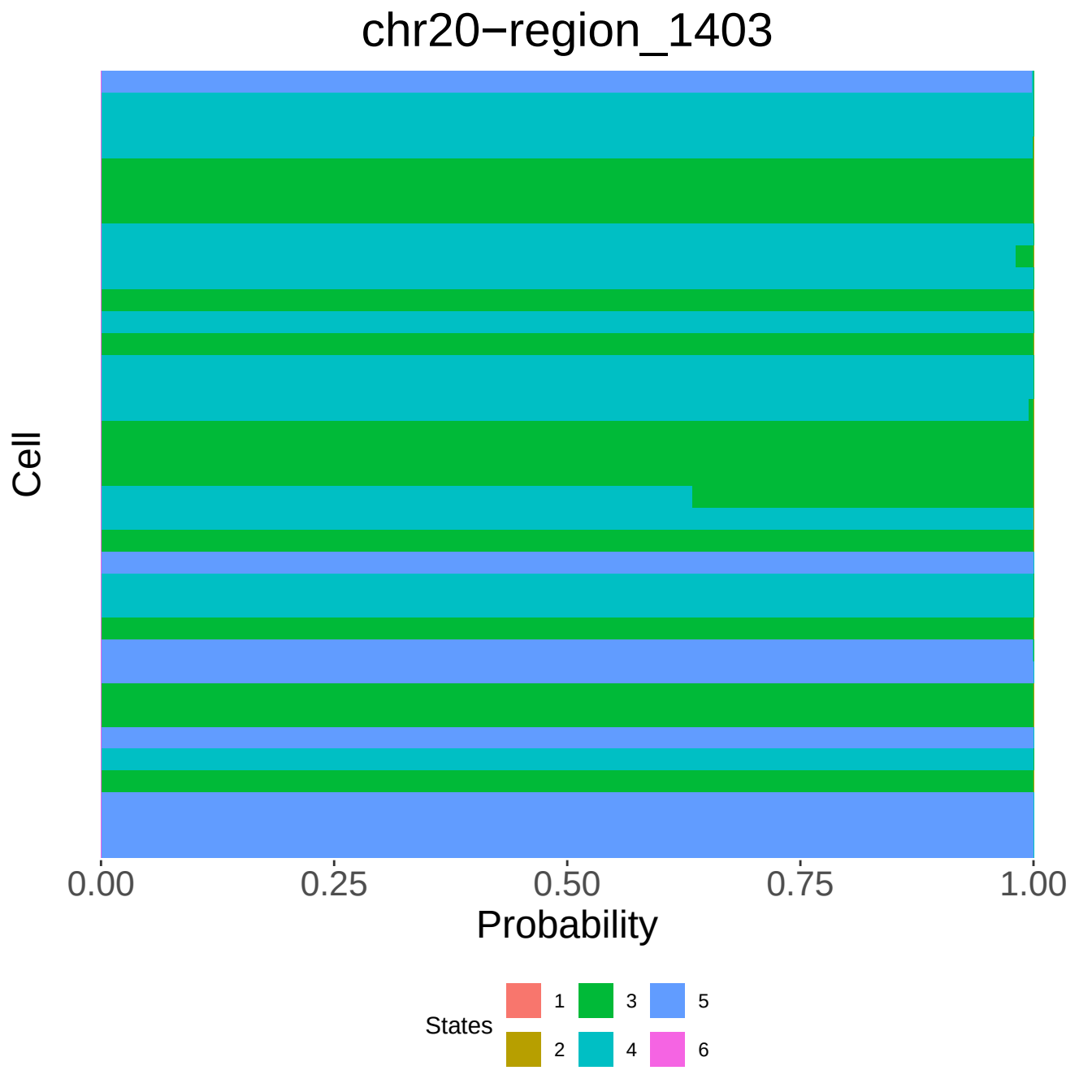
chr20−region_1403
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Probability
States
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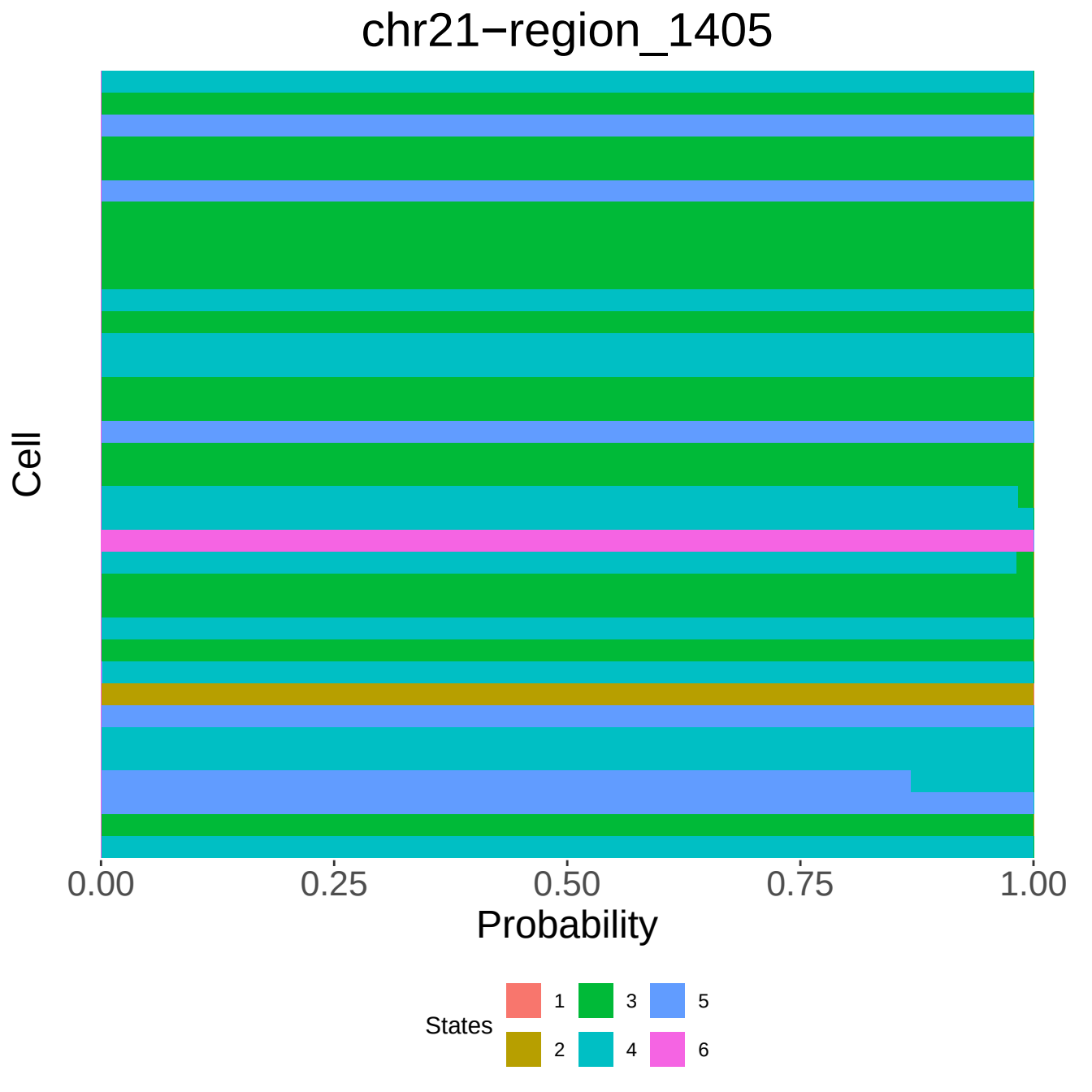
chr21−region_1405
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Probability
States
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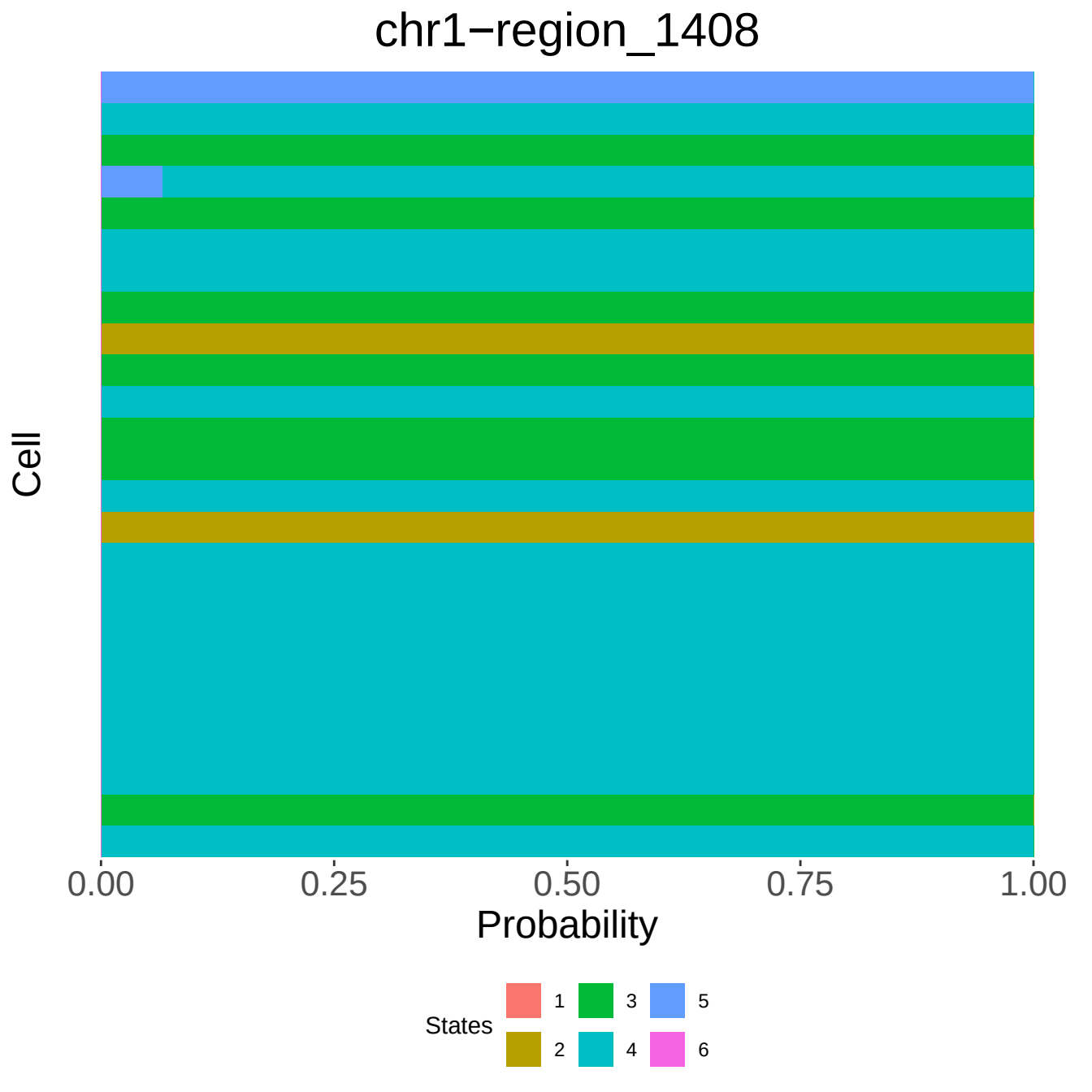
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Probability
States
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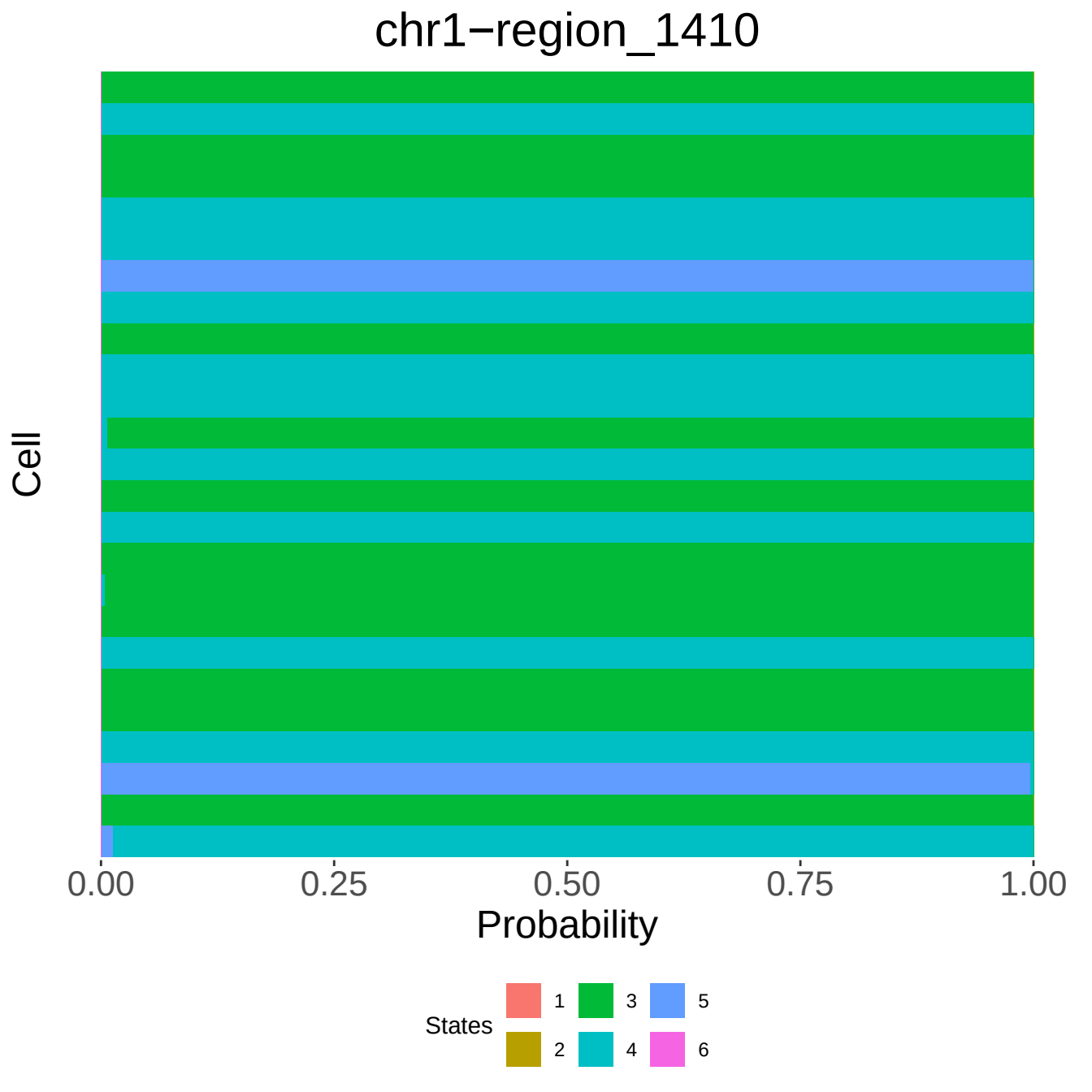
chr1−region_1410
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Probability
States
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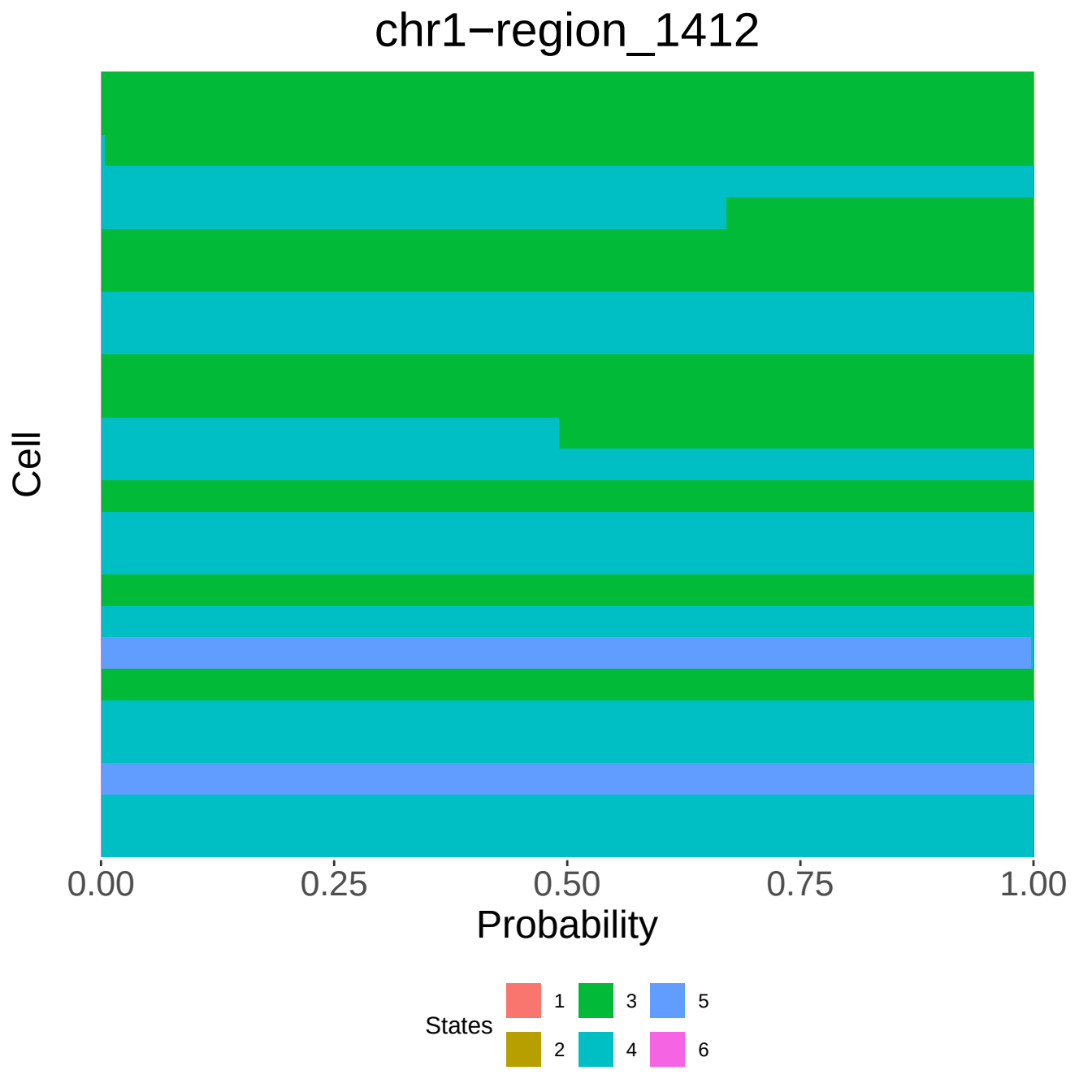
chr1−region_1412
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Probability
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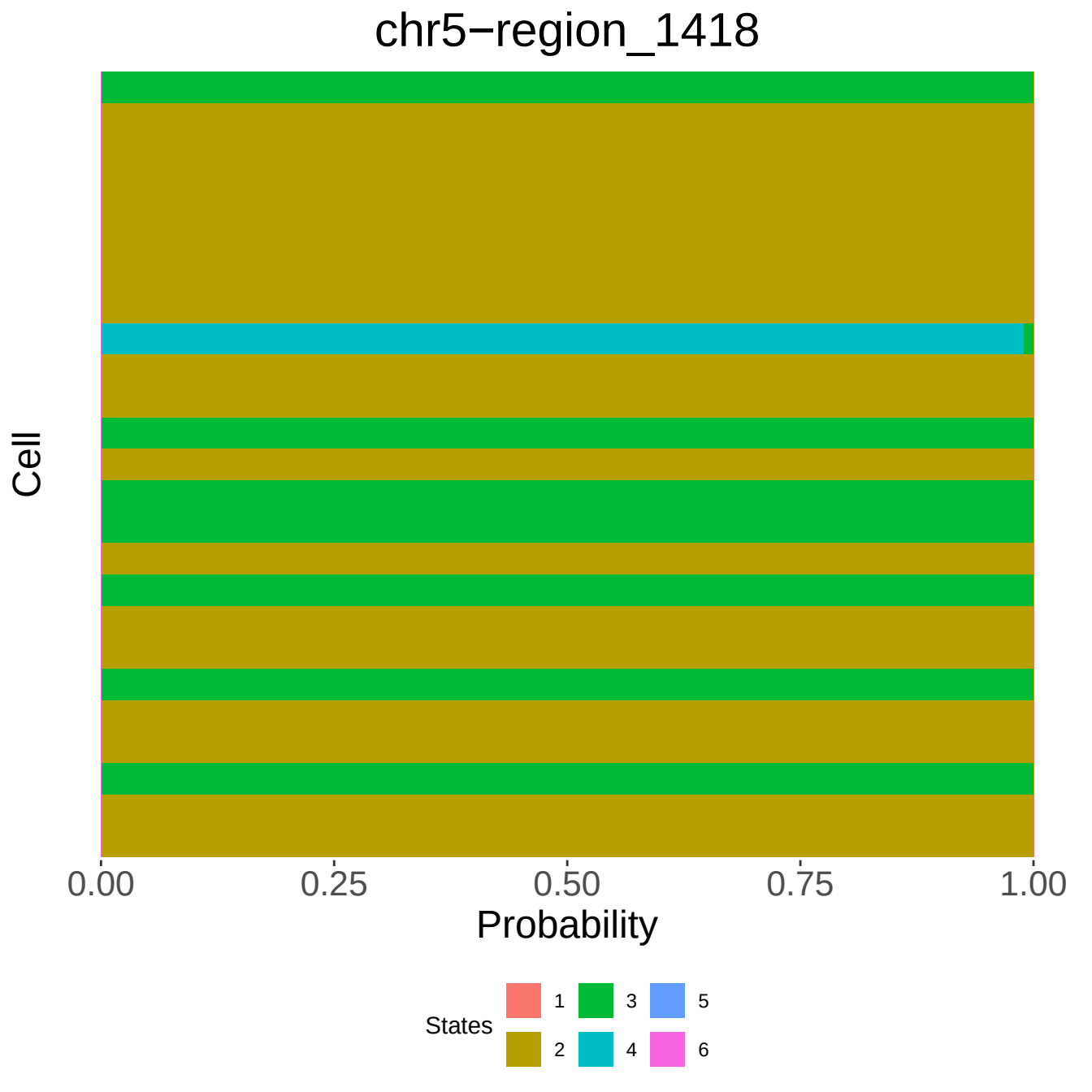
chr5−region_1418
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Probability
States
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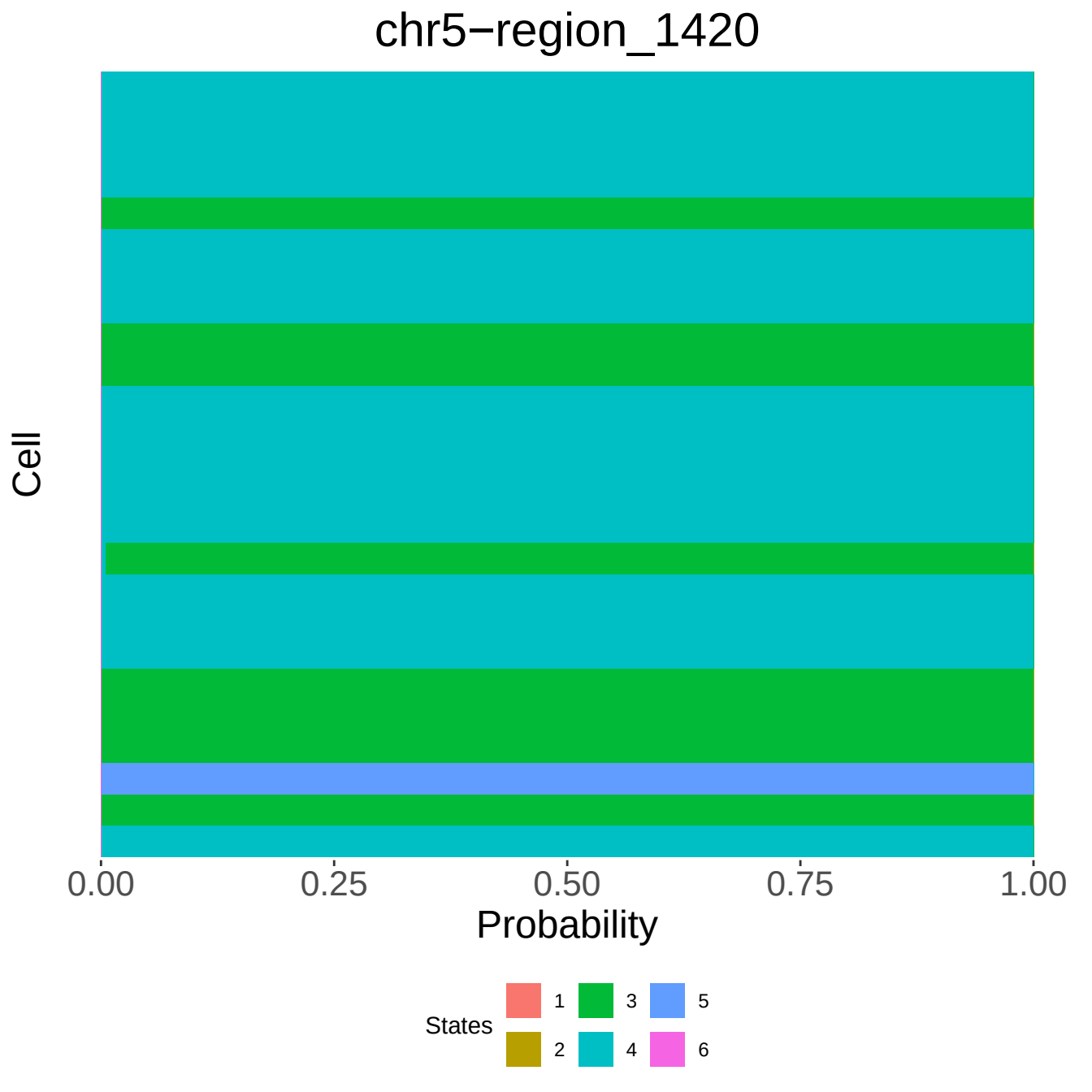
chr5−region_1420
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1.00
Probability
States
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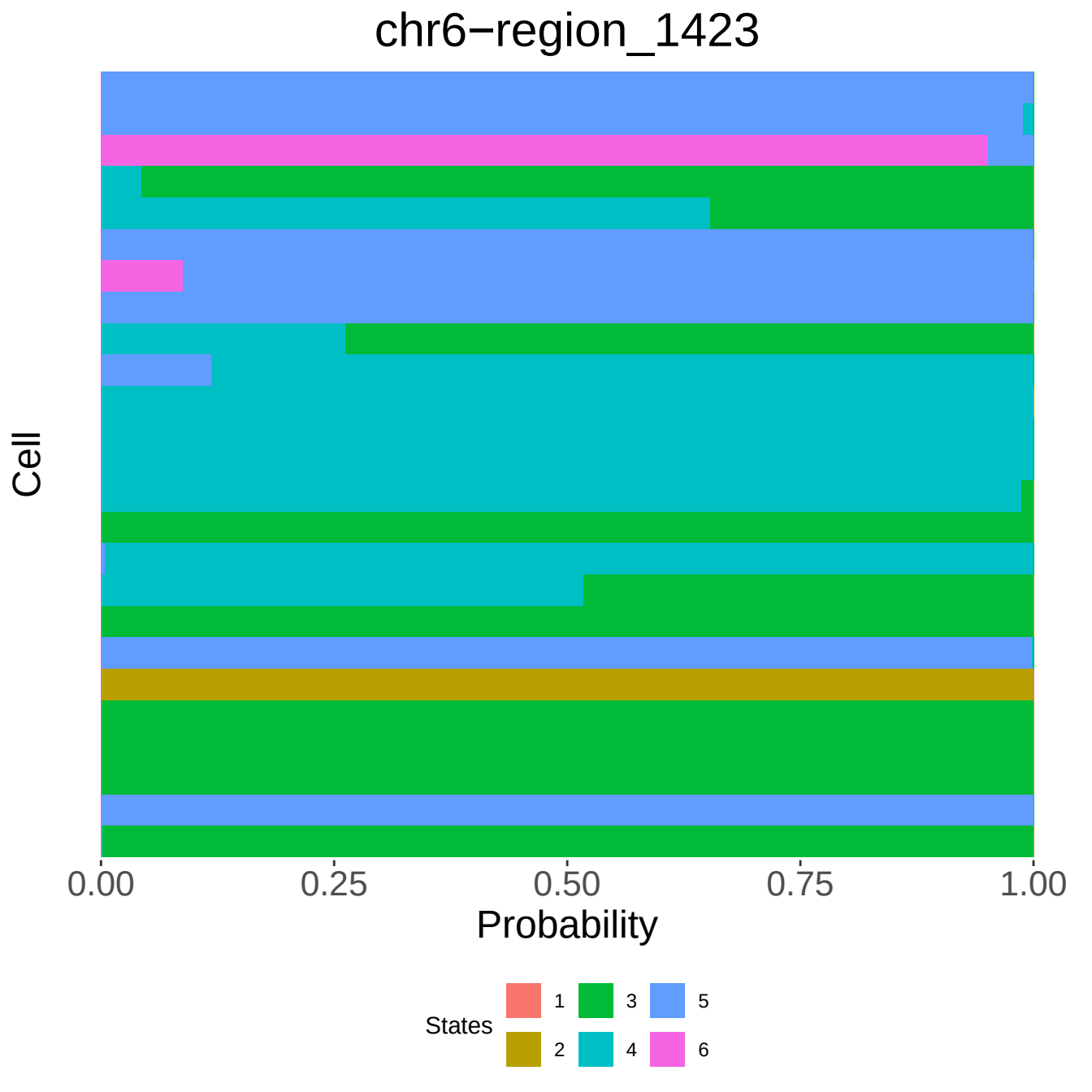
chr6−region_1423
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Probability
States
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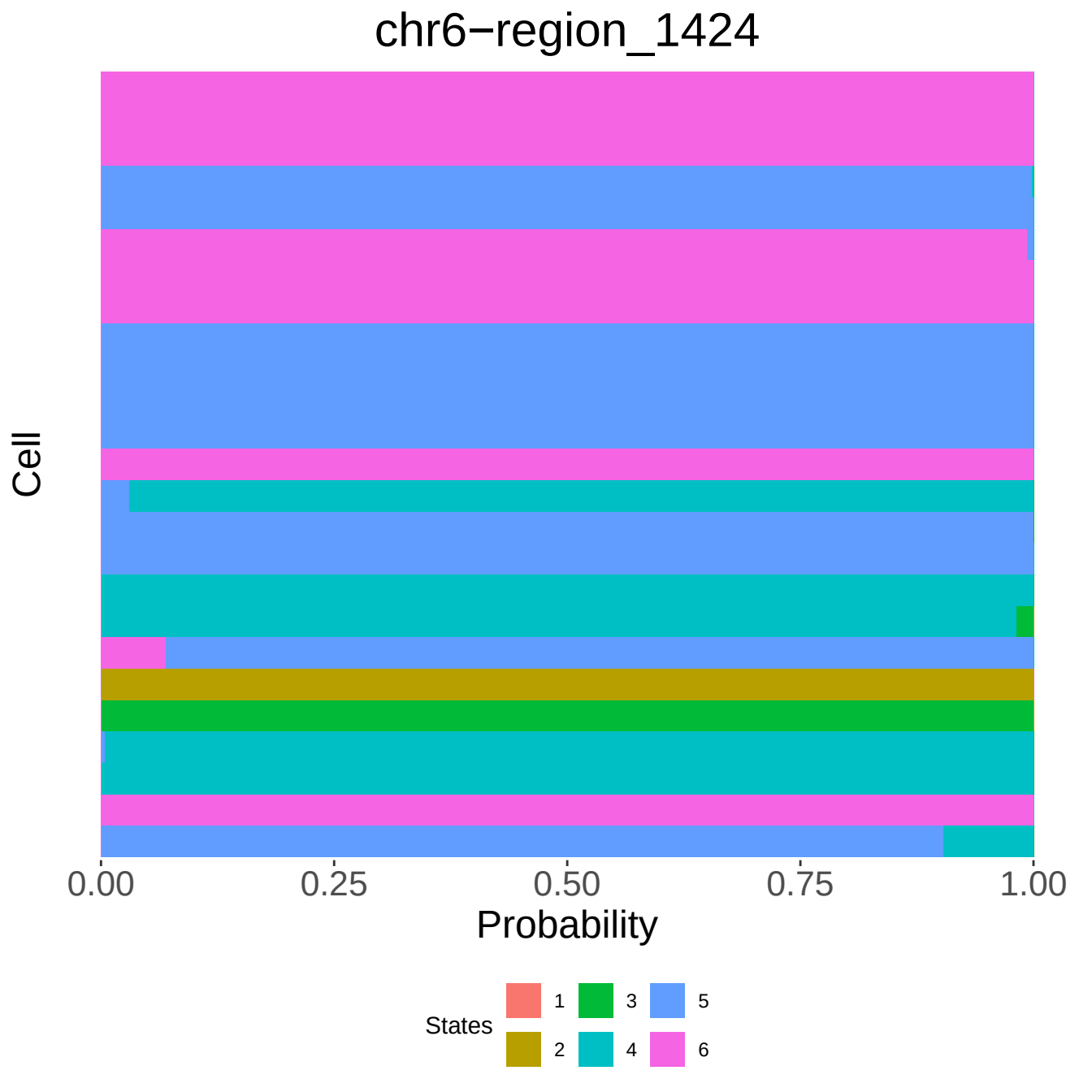
chr6−region_1424
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Probability
States
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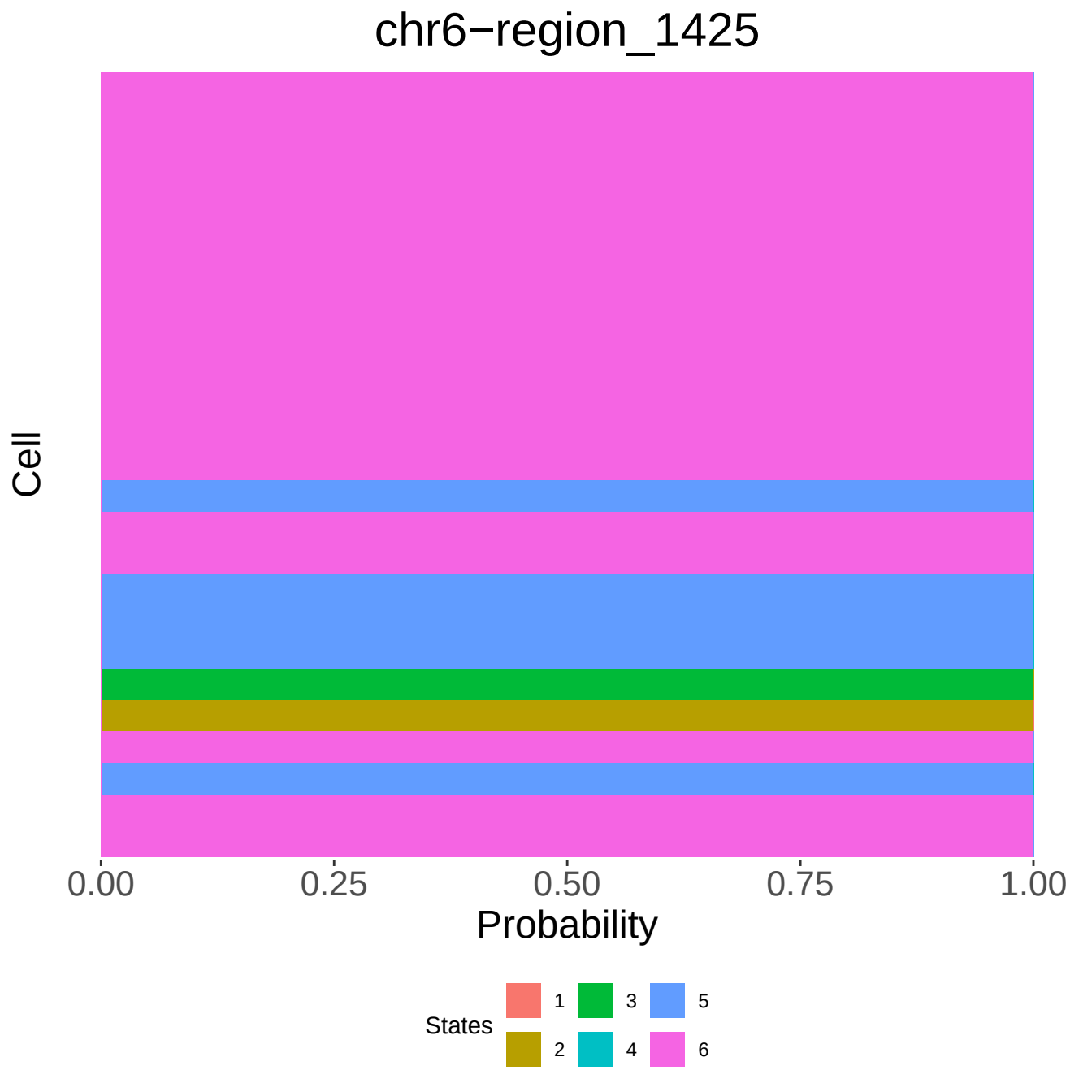
chr6−region_1425
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0.50
0.75
1.00
Probability
States
1
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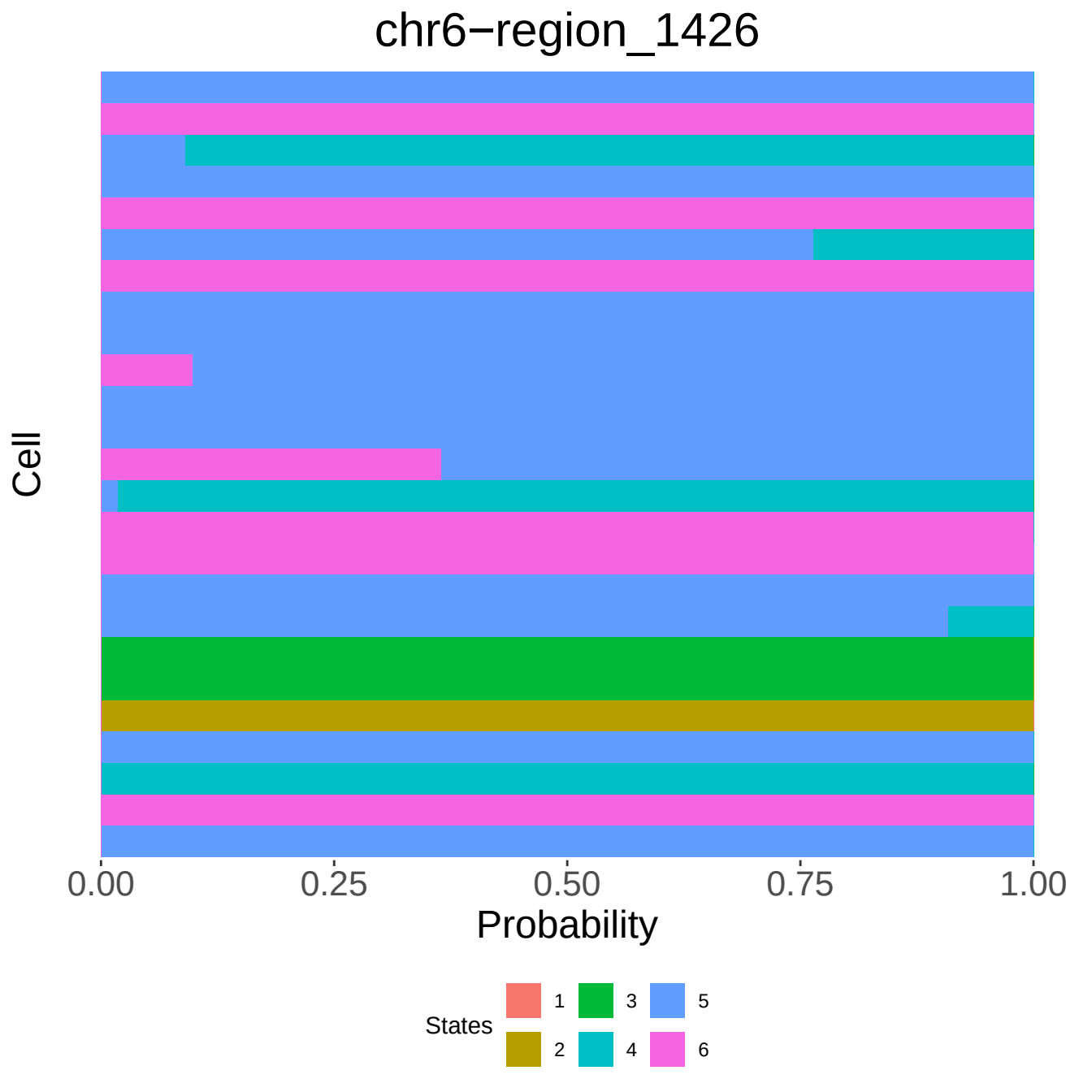
chr6−region_1426
Cell
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0.75
1.00
Probability
States
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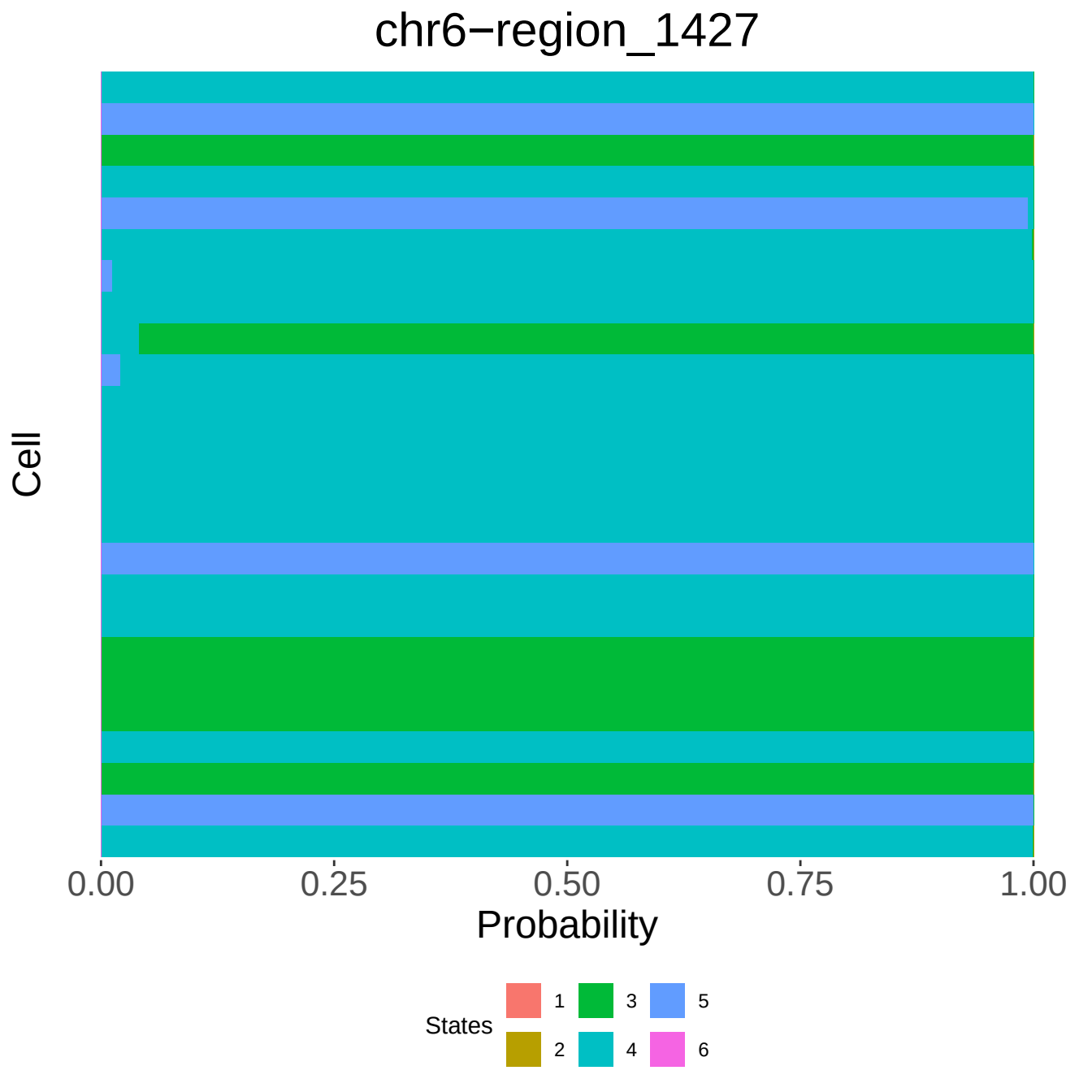
chr6−region_1427
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Probability
States
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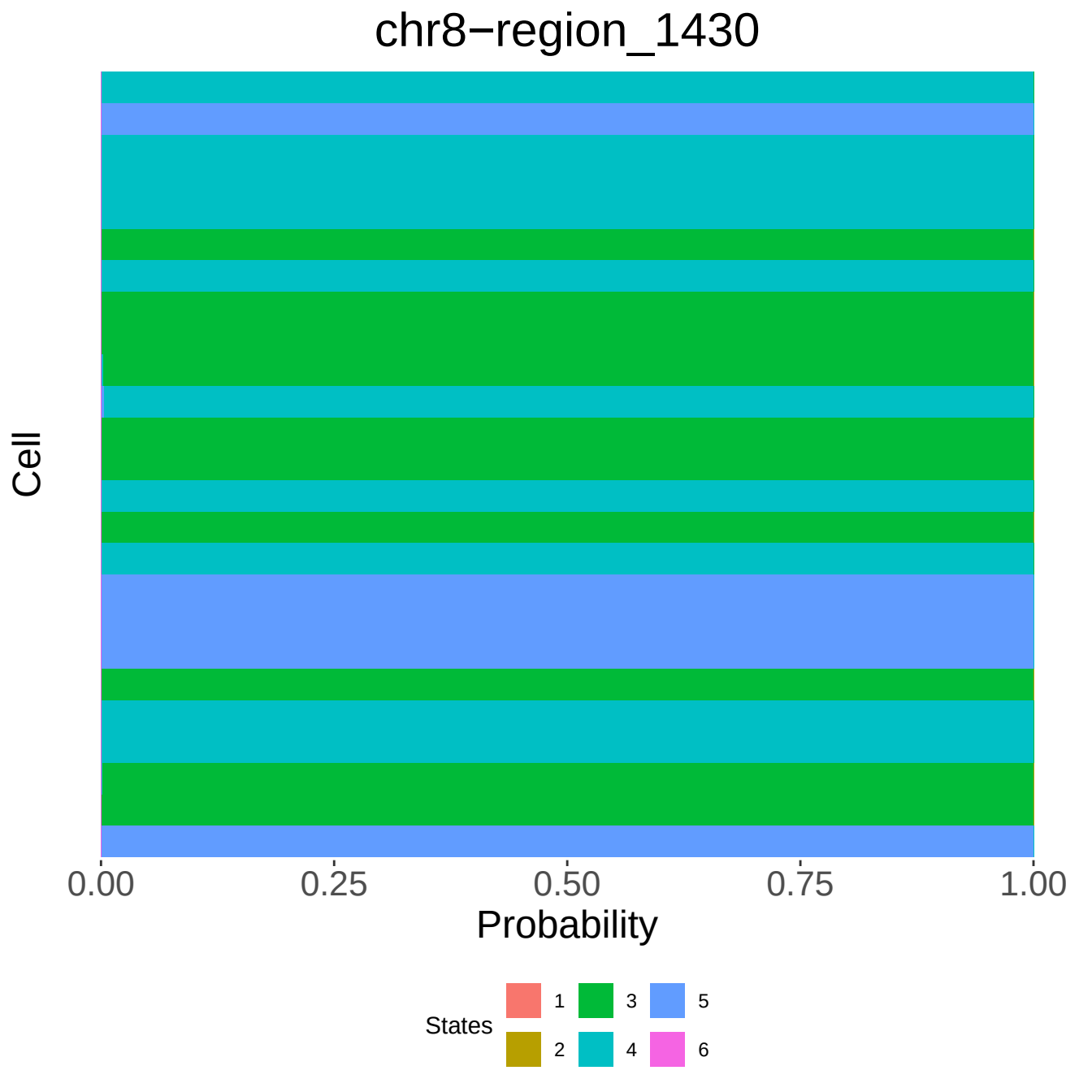
chr8−region_1430
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Probability
States
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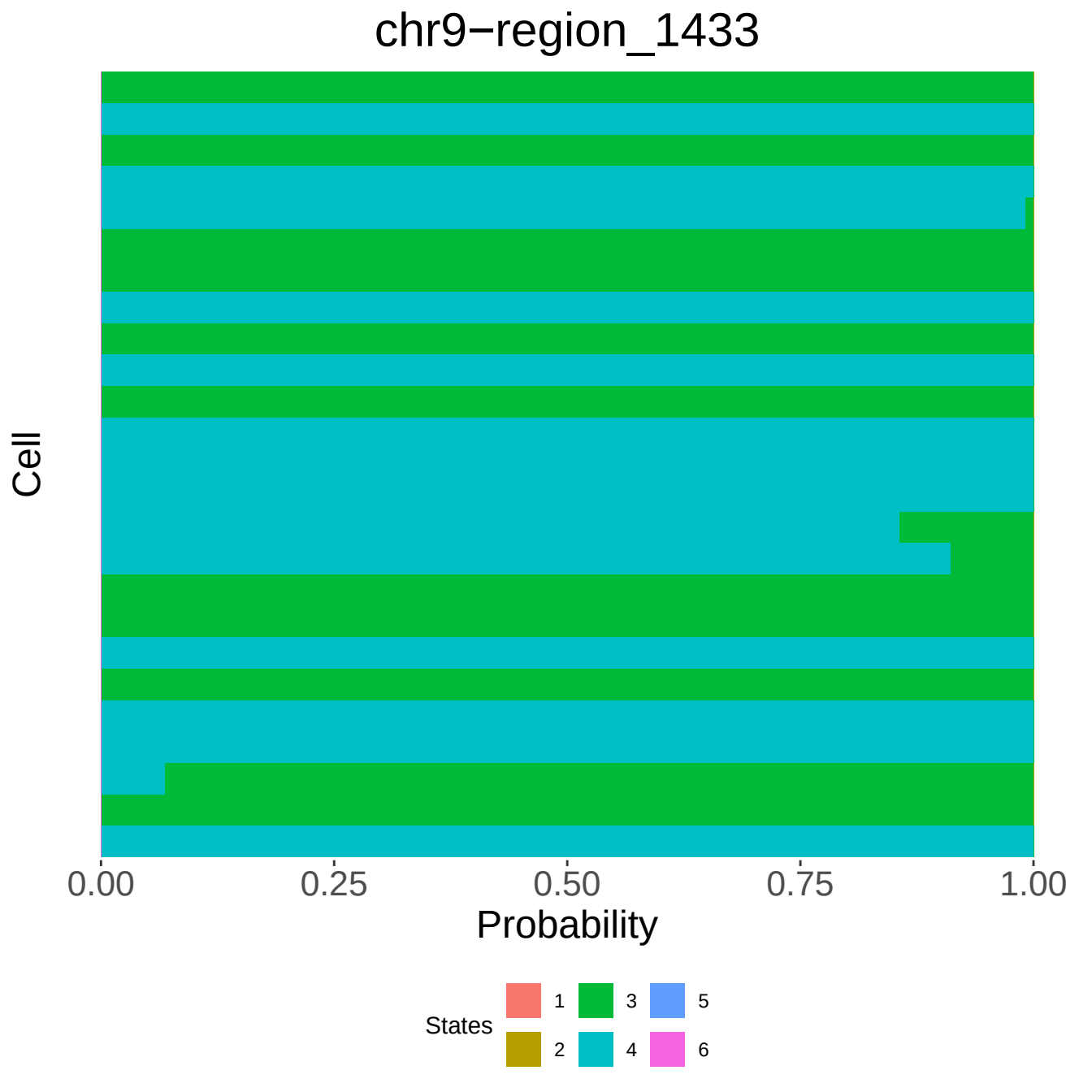
chr9−region_1433
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Probability
States
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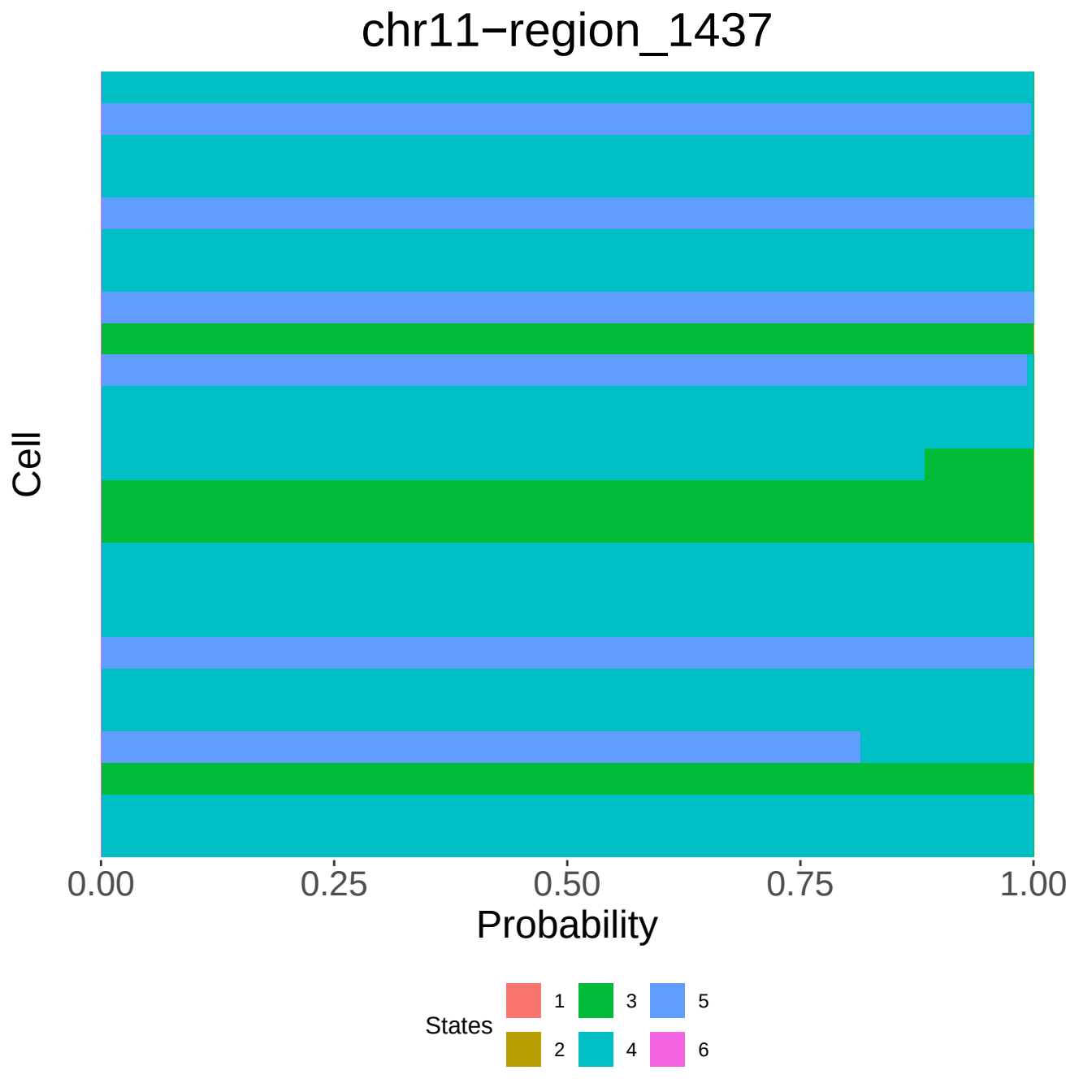
chr11−region_1437
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Probability
States
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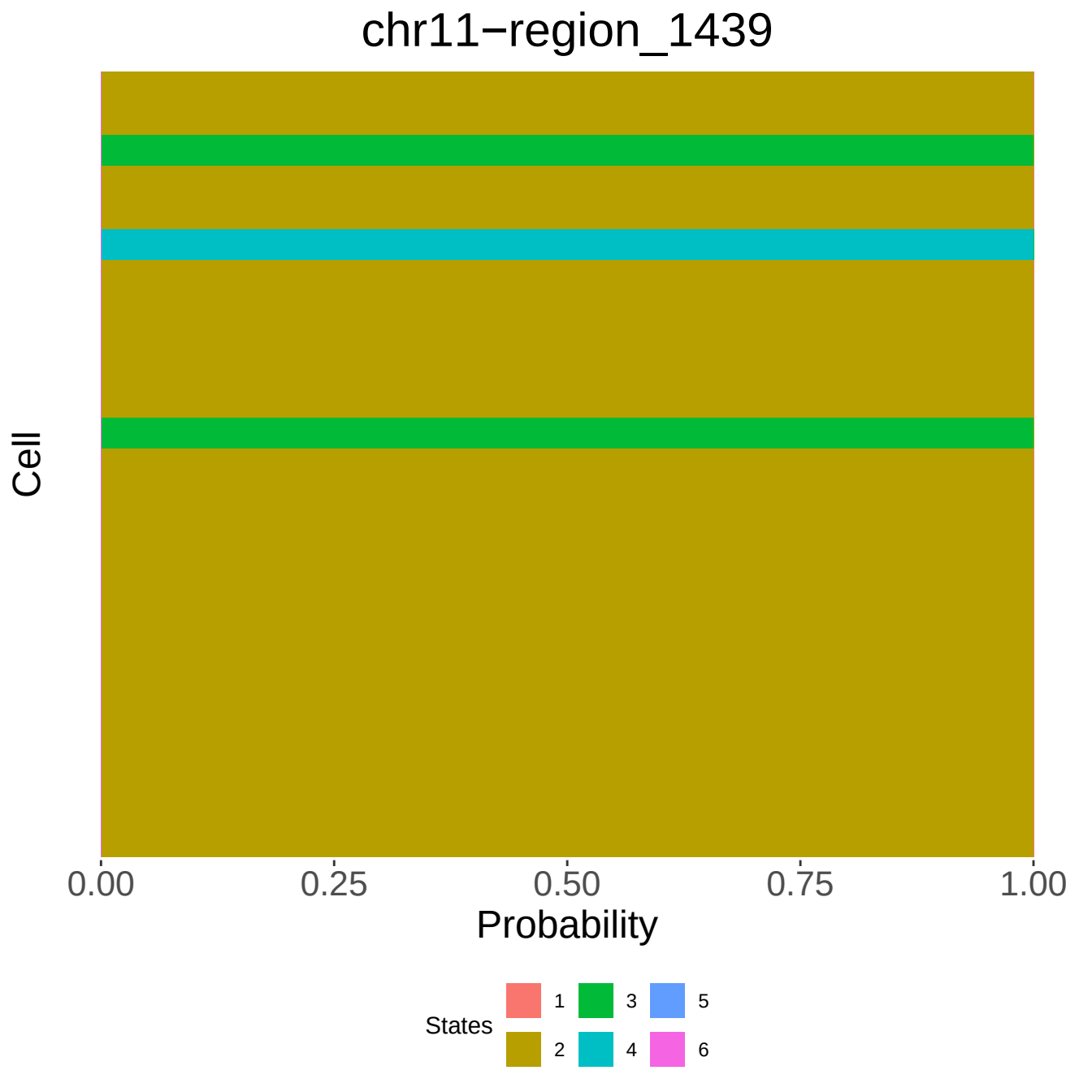
chr11−region_1439
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Probability
States
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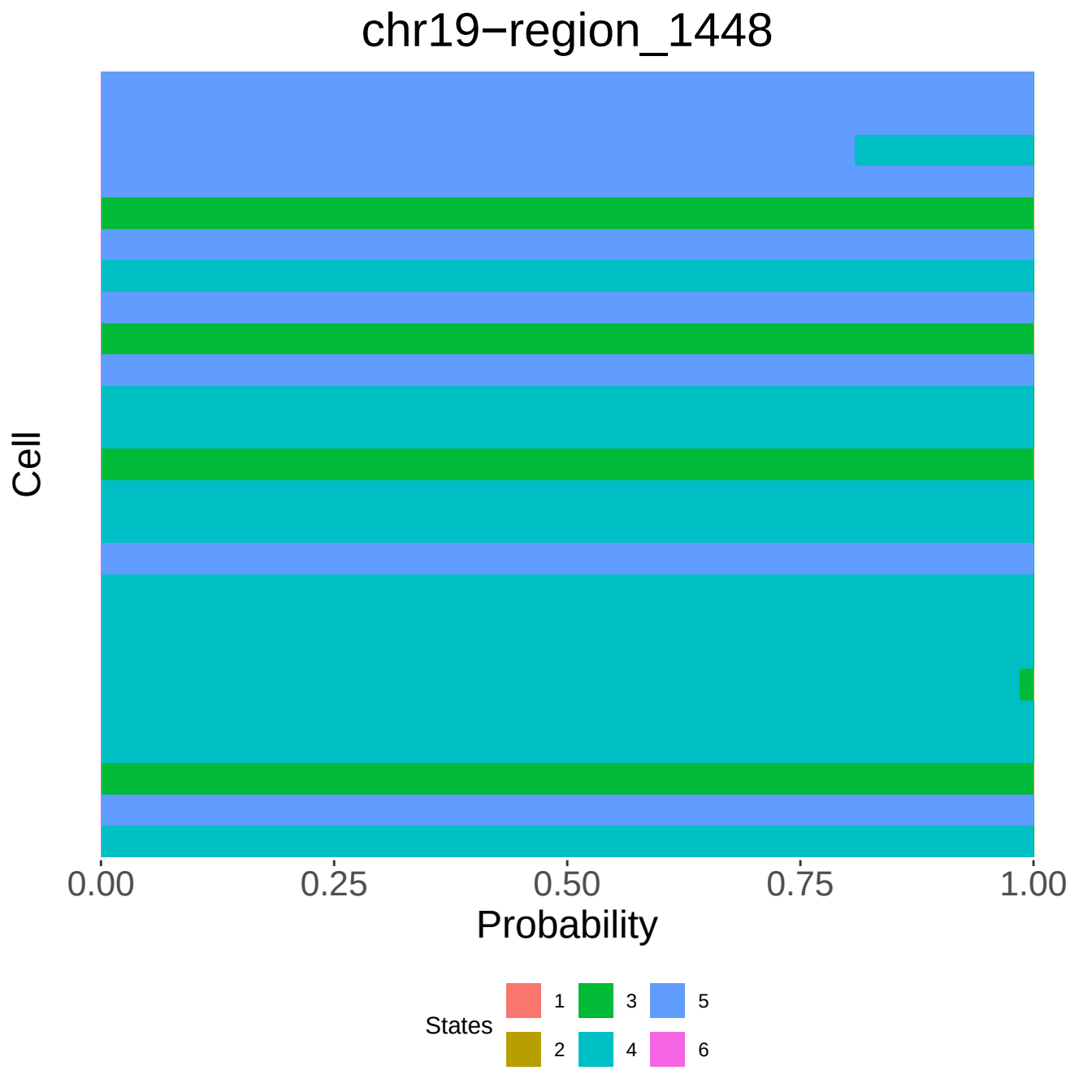
chr19−region_1448
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Probability
States
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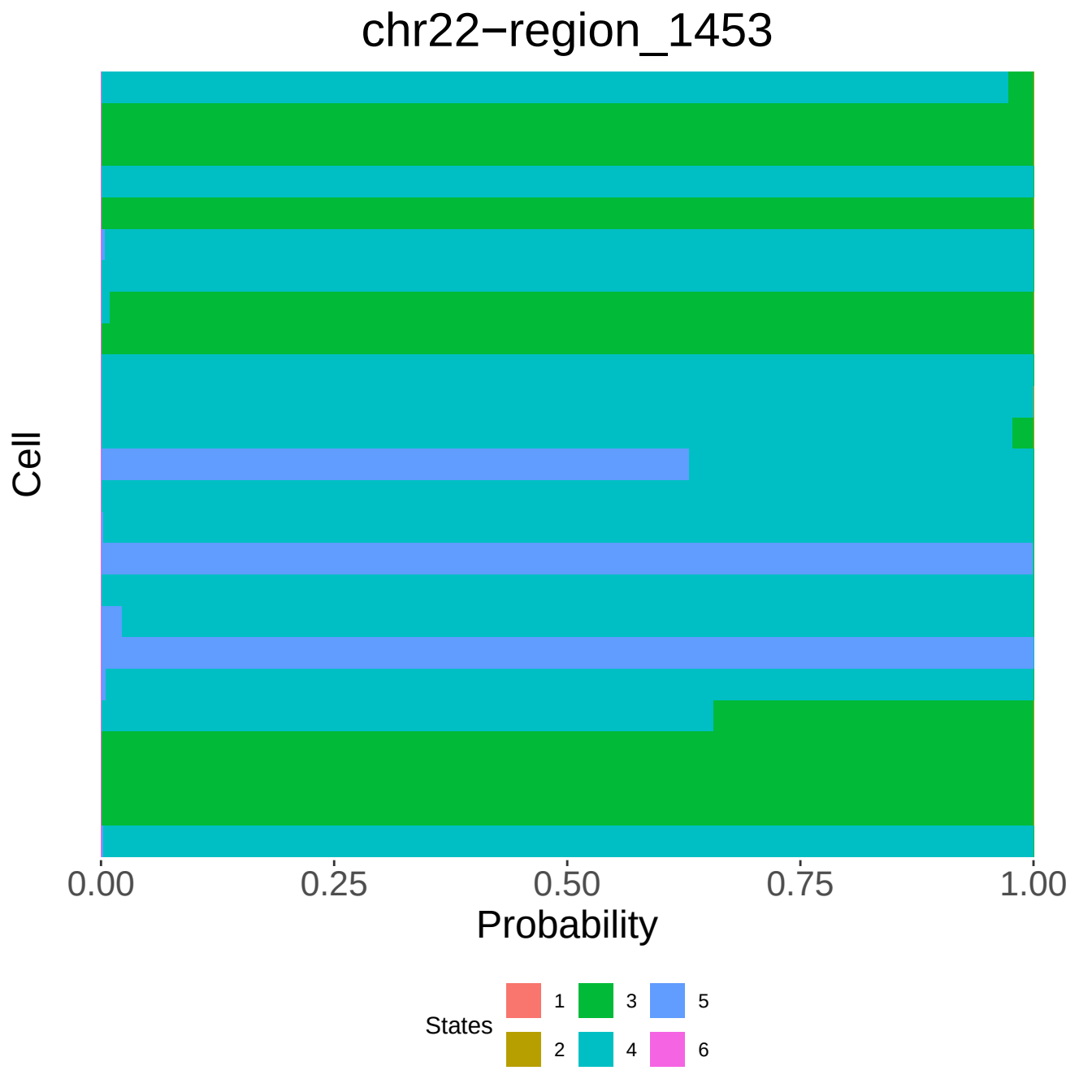
chr22−region_1453
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Probability
States
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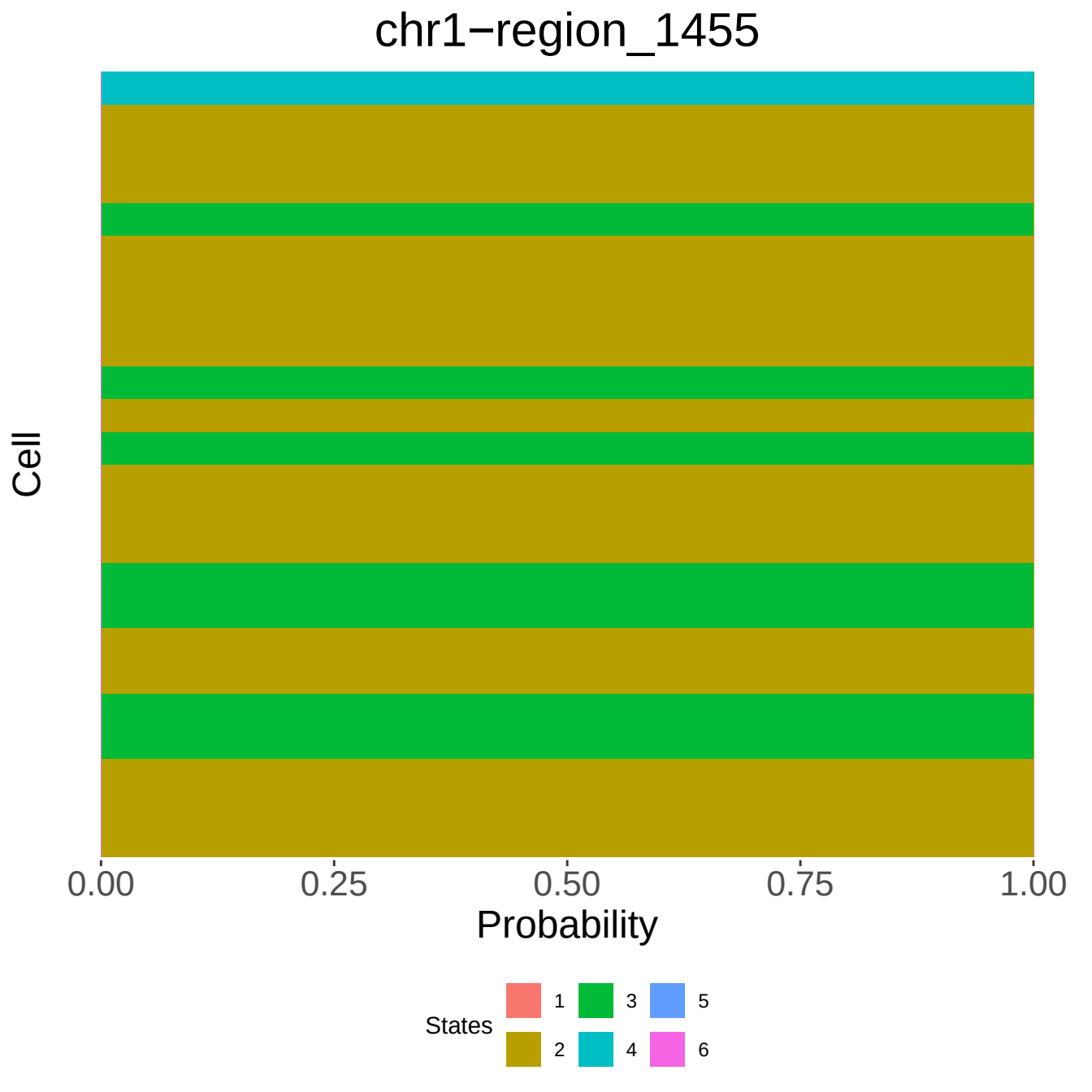
chr1−region_1455
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Probability
States
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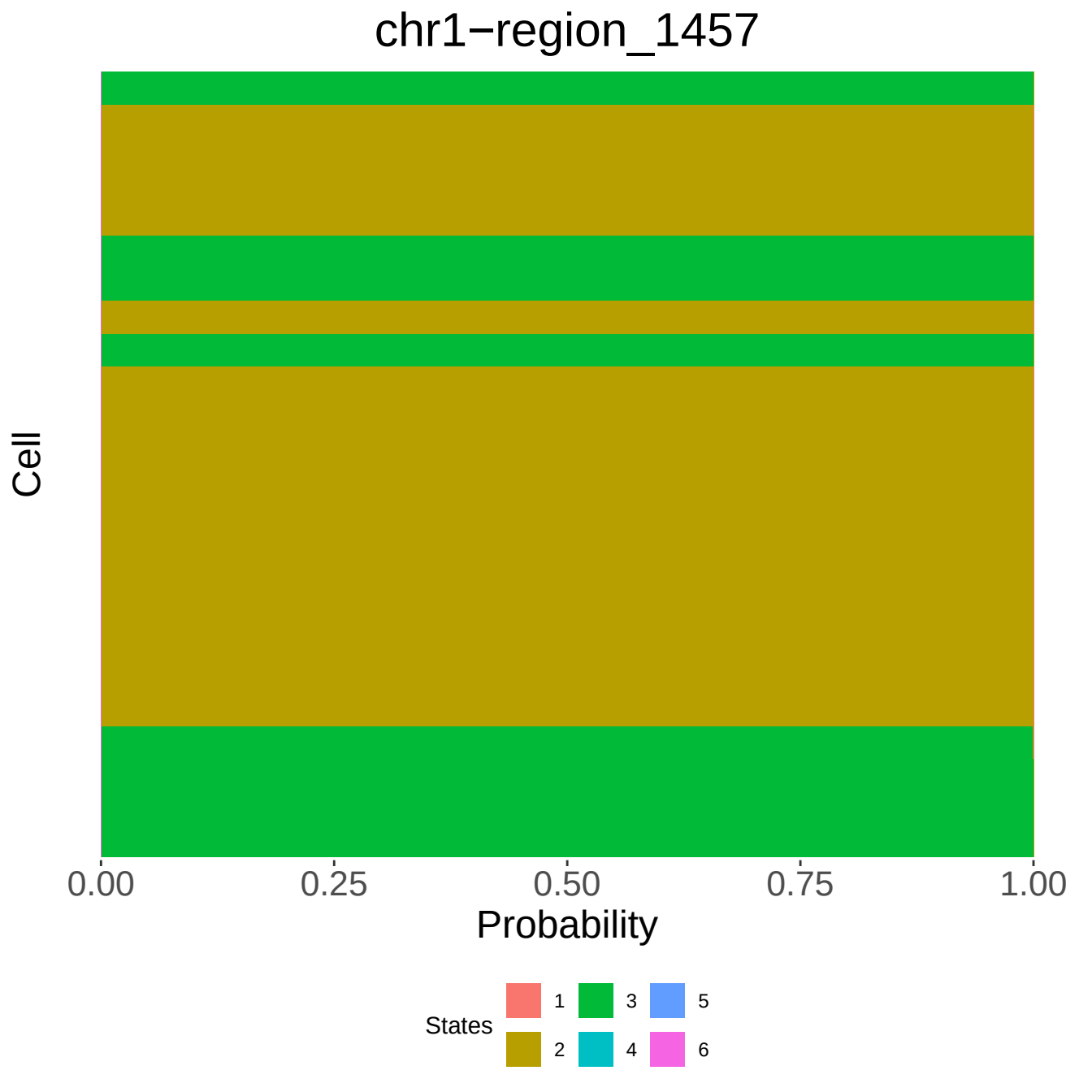
chr1−region_1457
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Probability
States
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3
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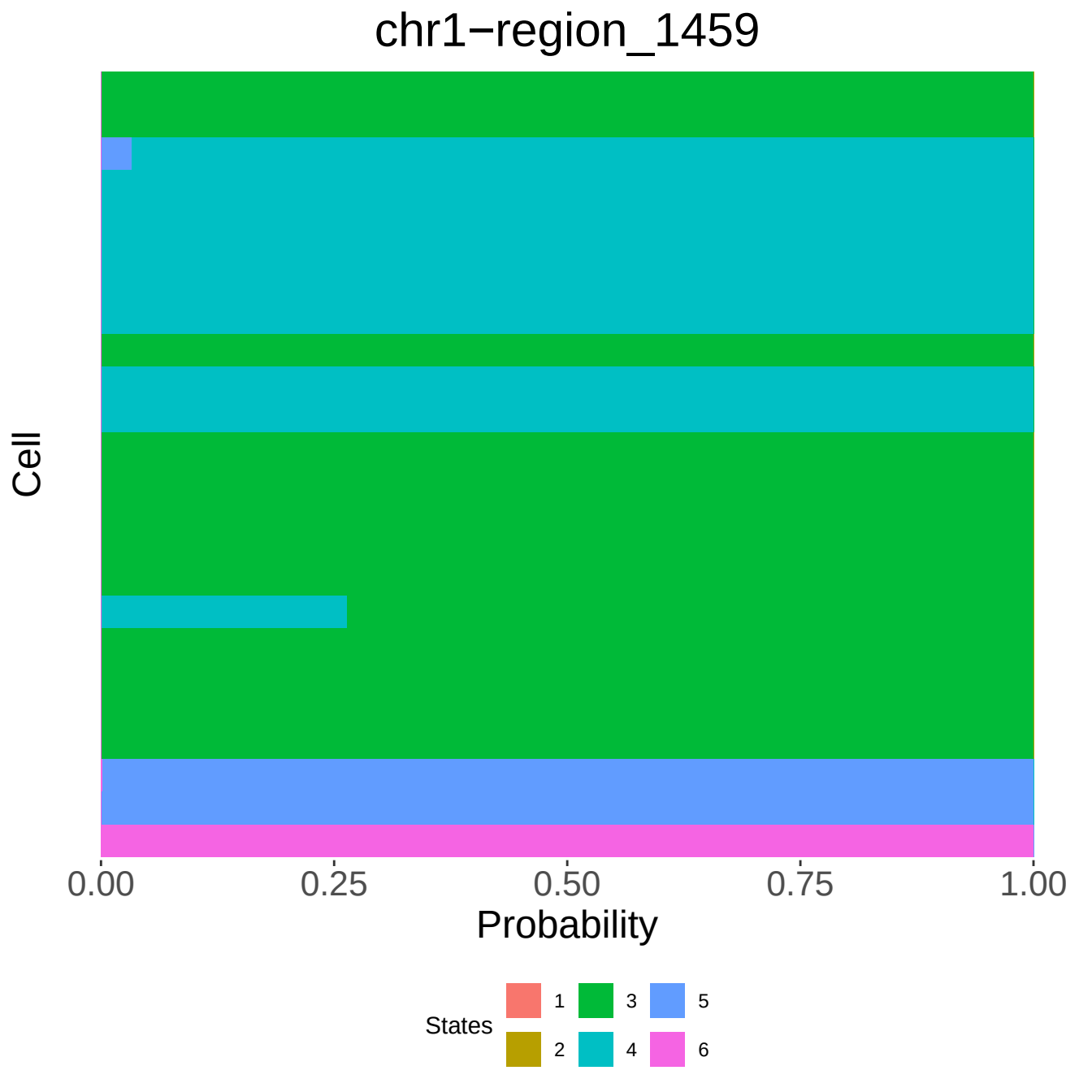
chr1−region_1459
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Probability
States
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3
4
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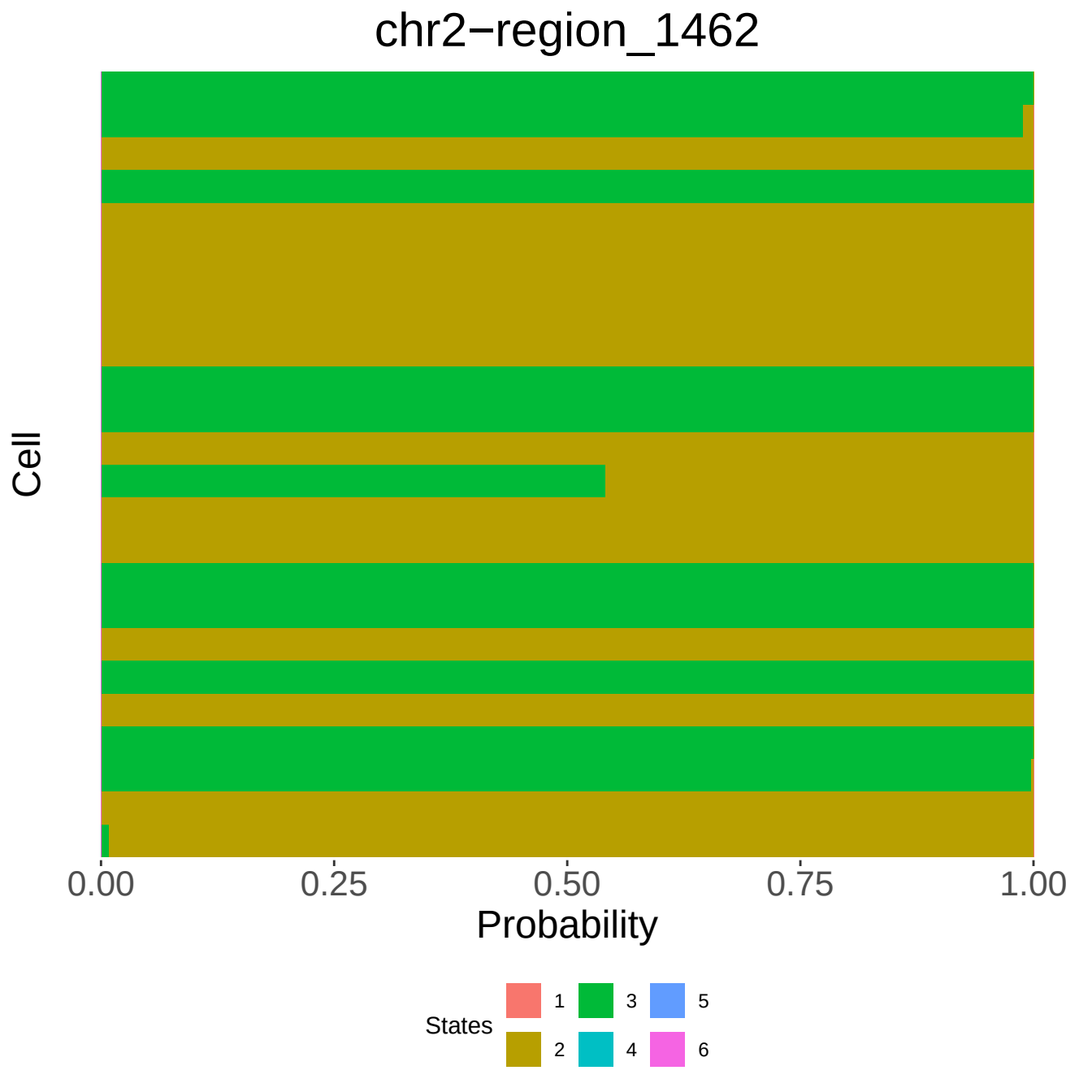
chr2−region_1462
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Probability
States
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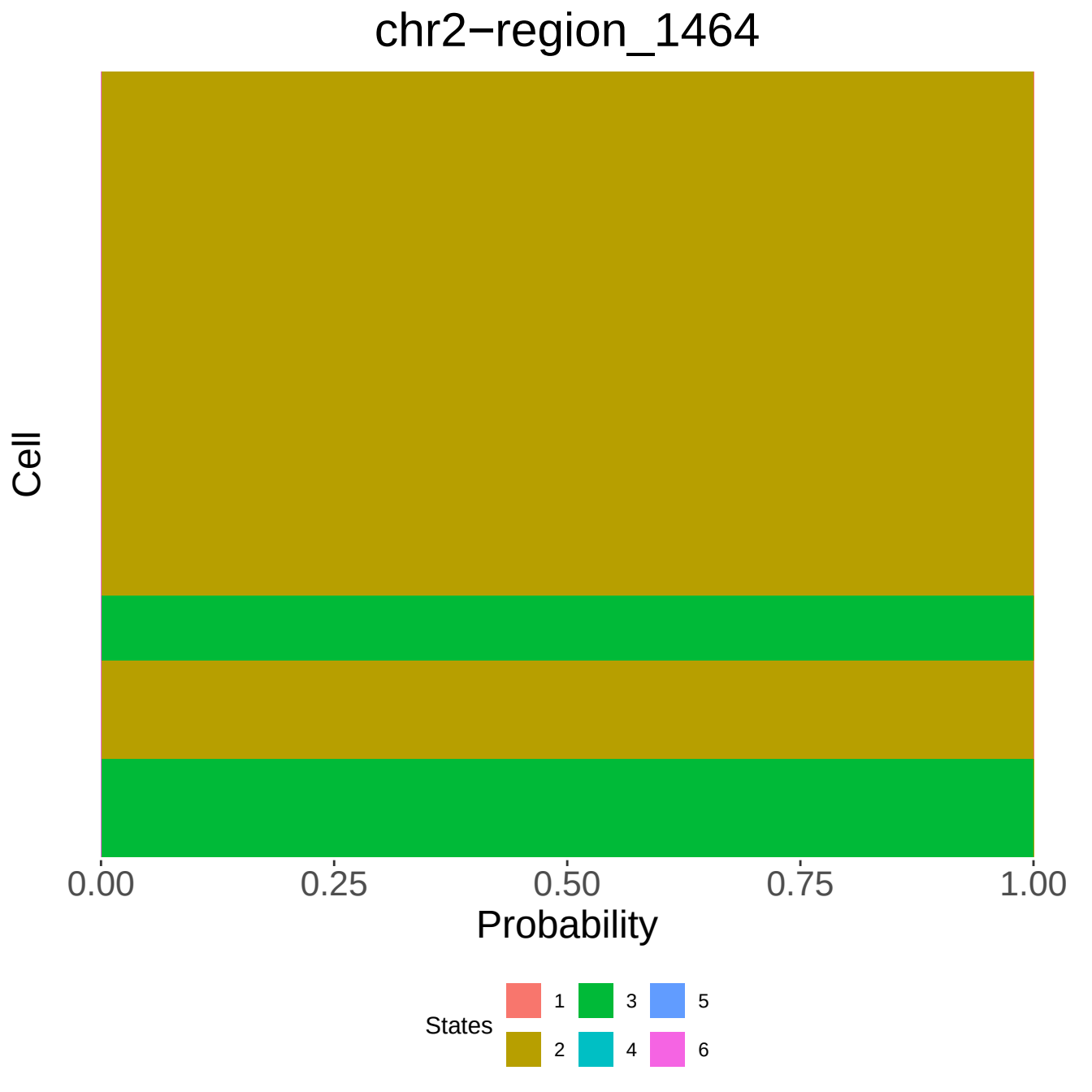
2
4
6


chr2−region_1464
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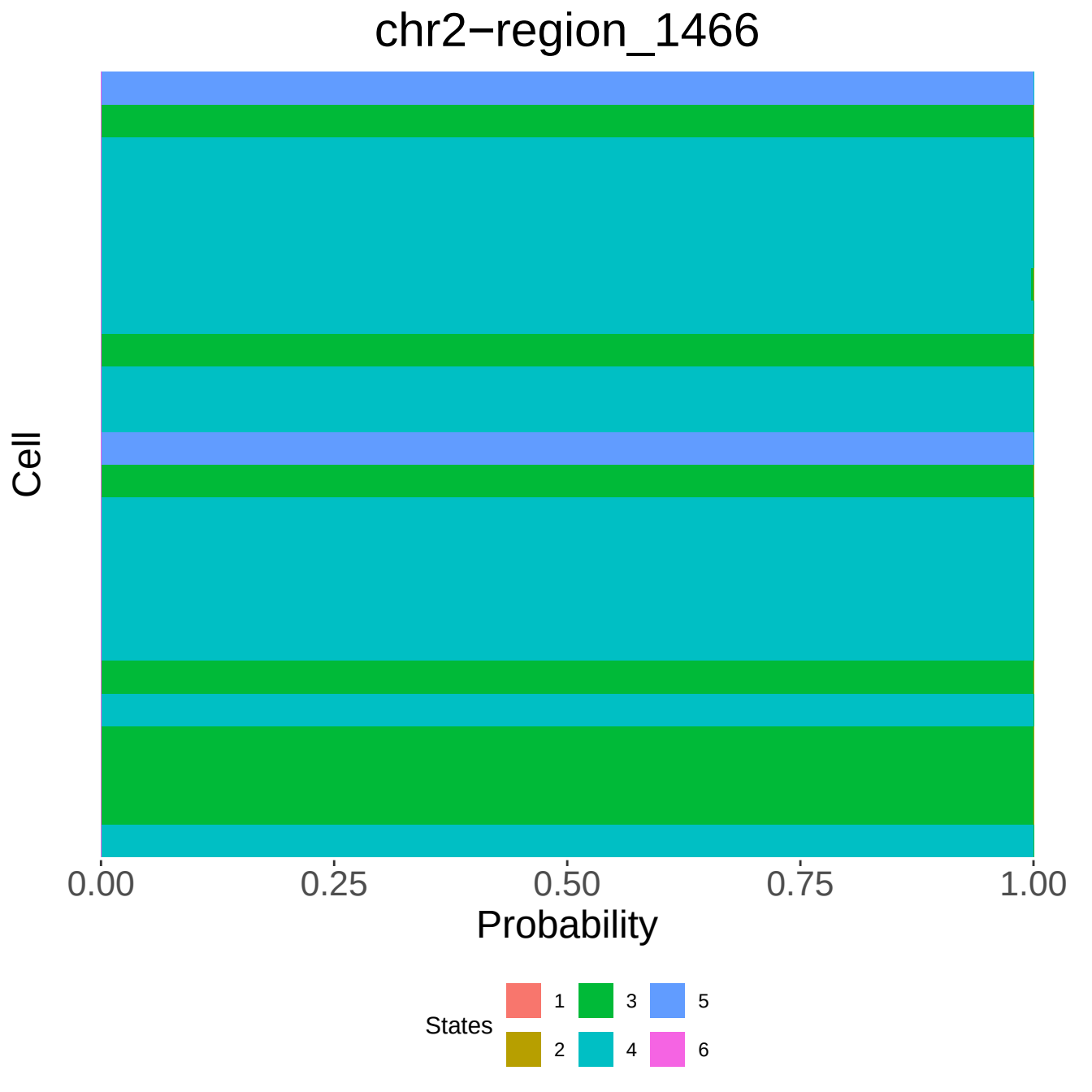
0.75
1.00
Probability
States
1
3
5
2
4
6


chr2−region_1466
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Probability
States
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3
4
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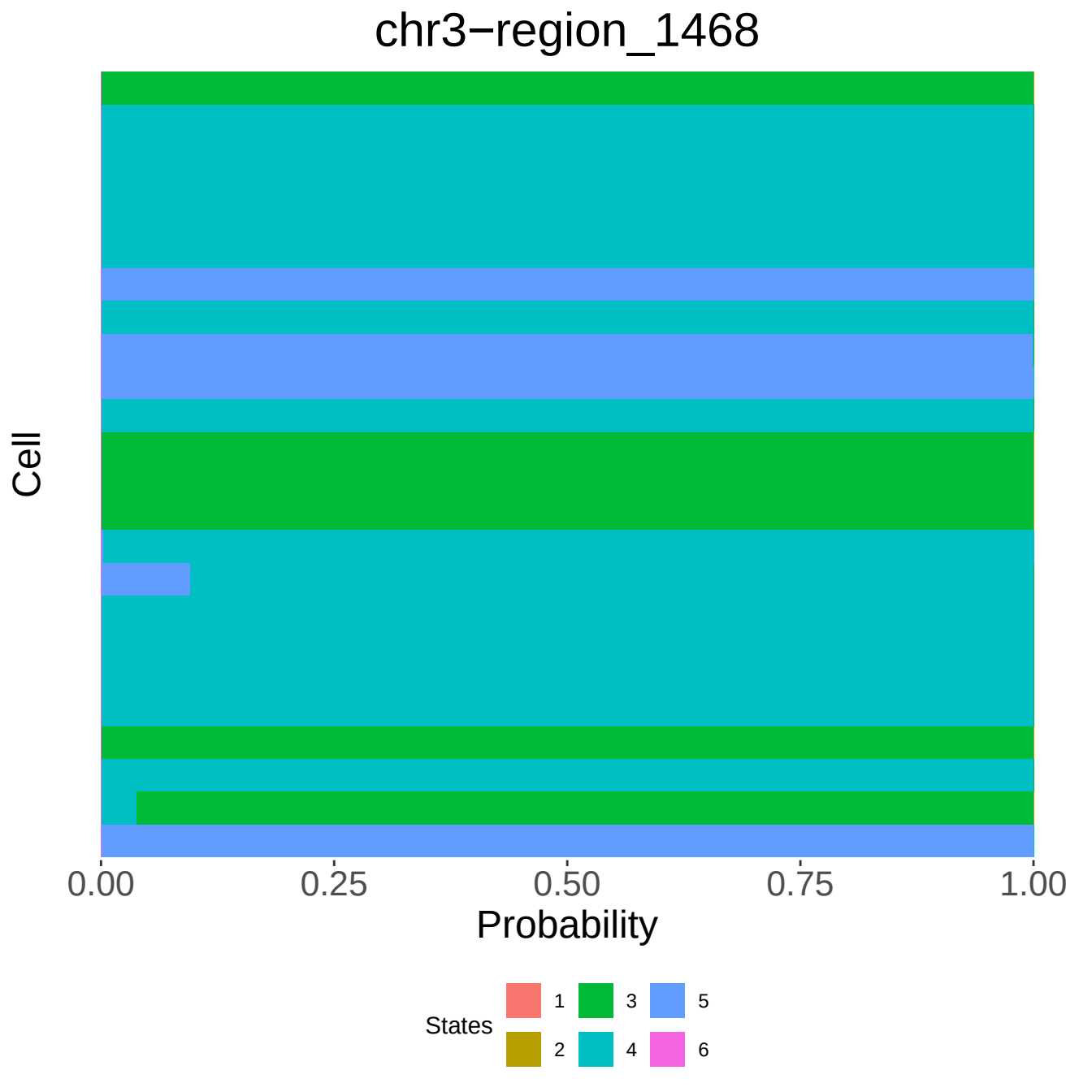
6


chr3−region_1468
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Probability
States
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3
4
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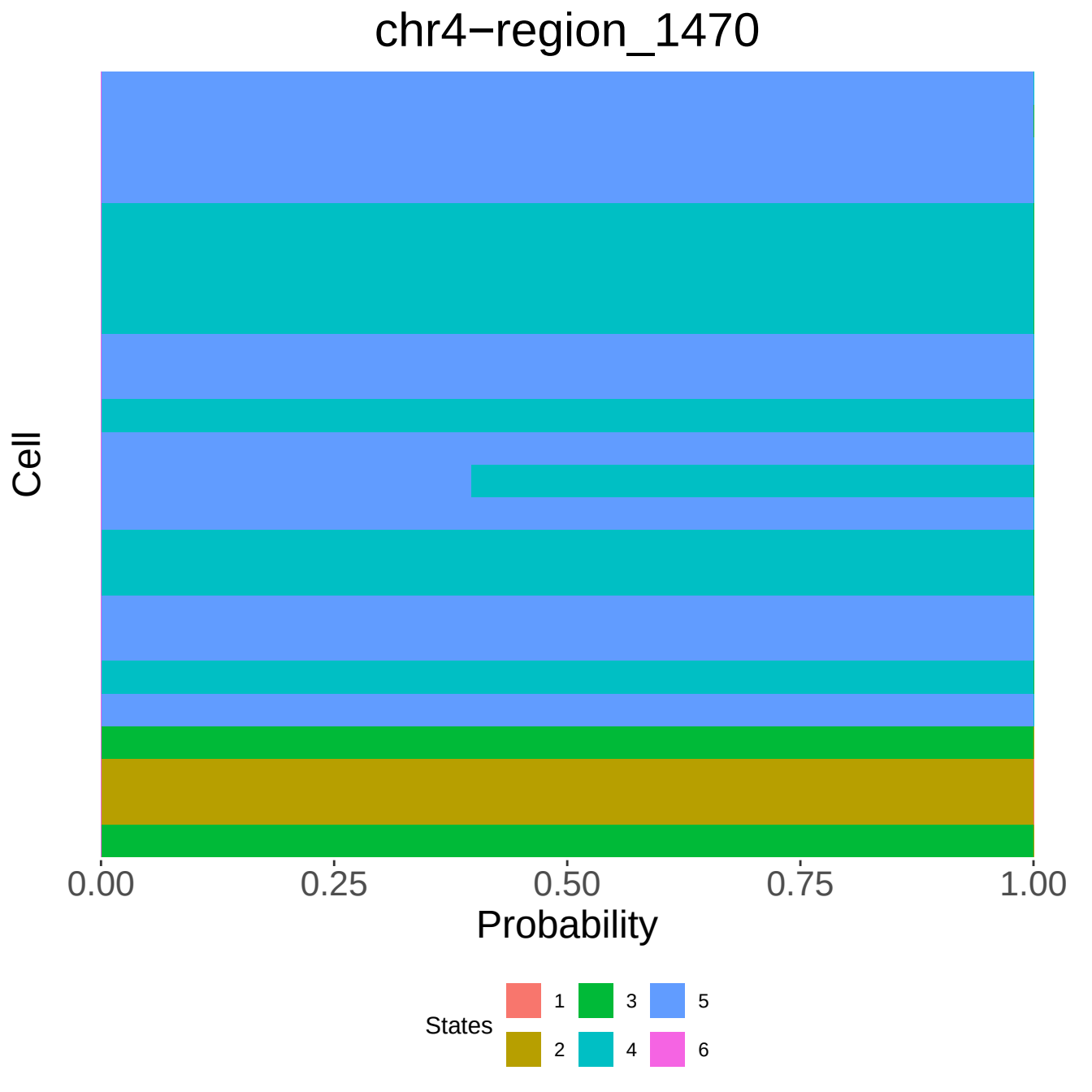
chr4−region_1470
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Probability
States
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3
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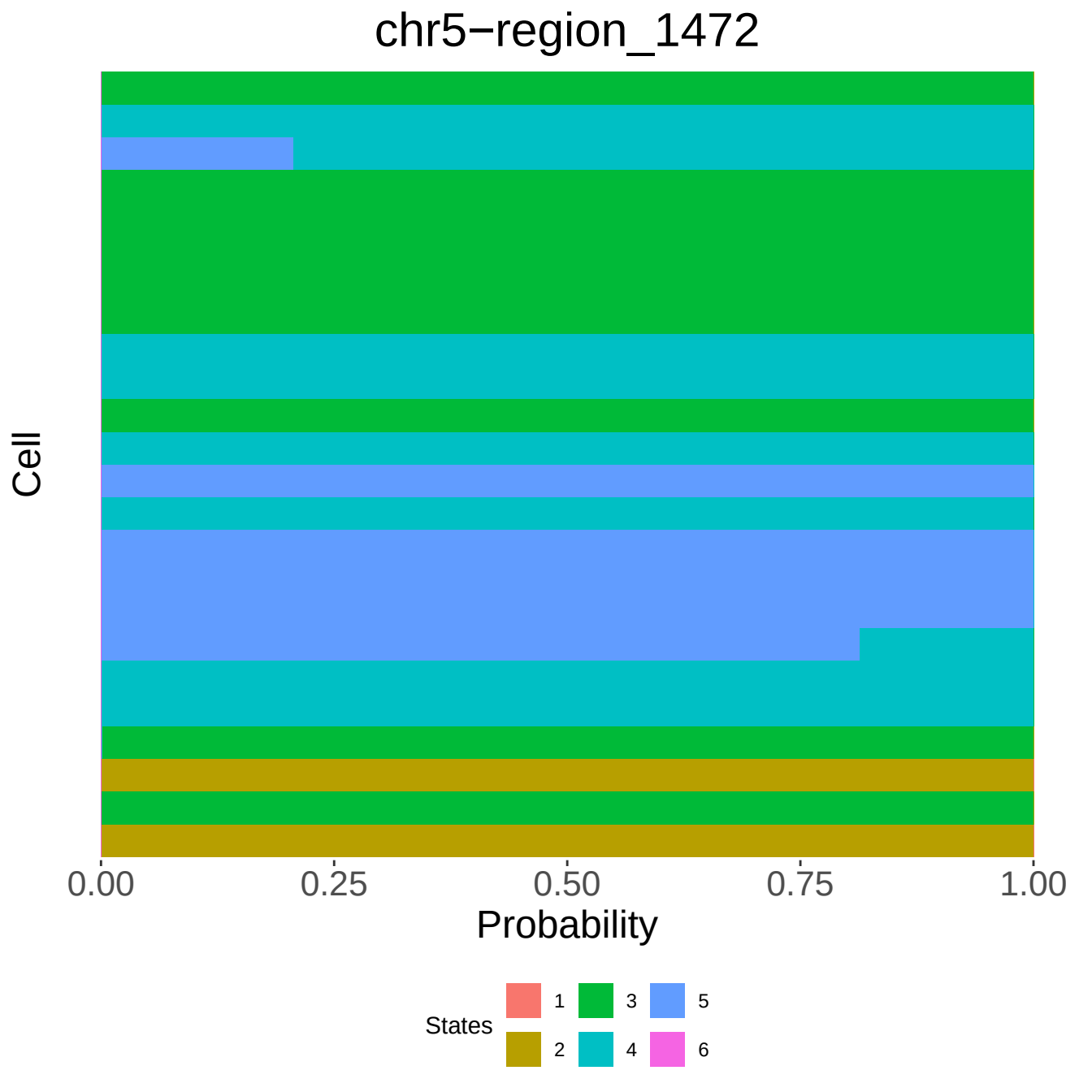
6


chr5−region_1472
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Probability
States
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4
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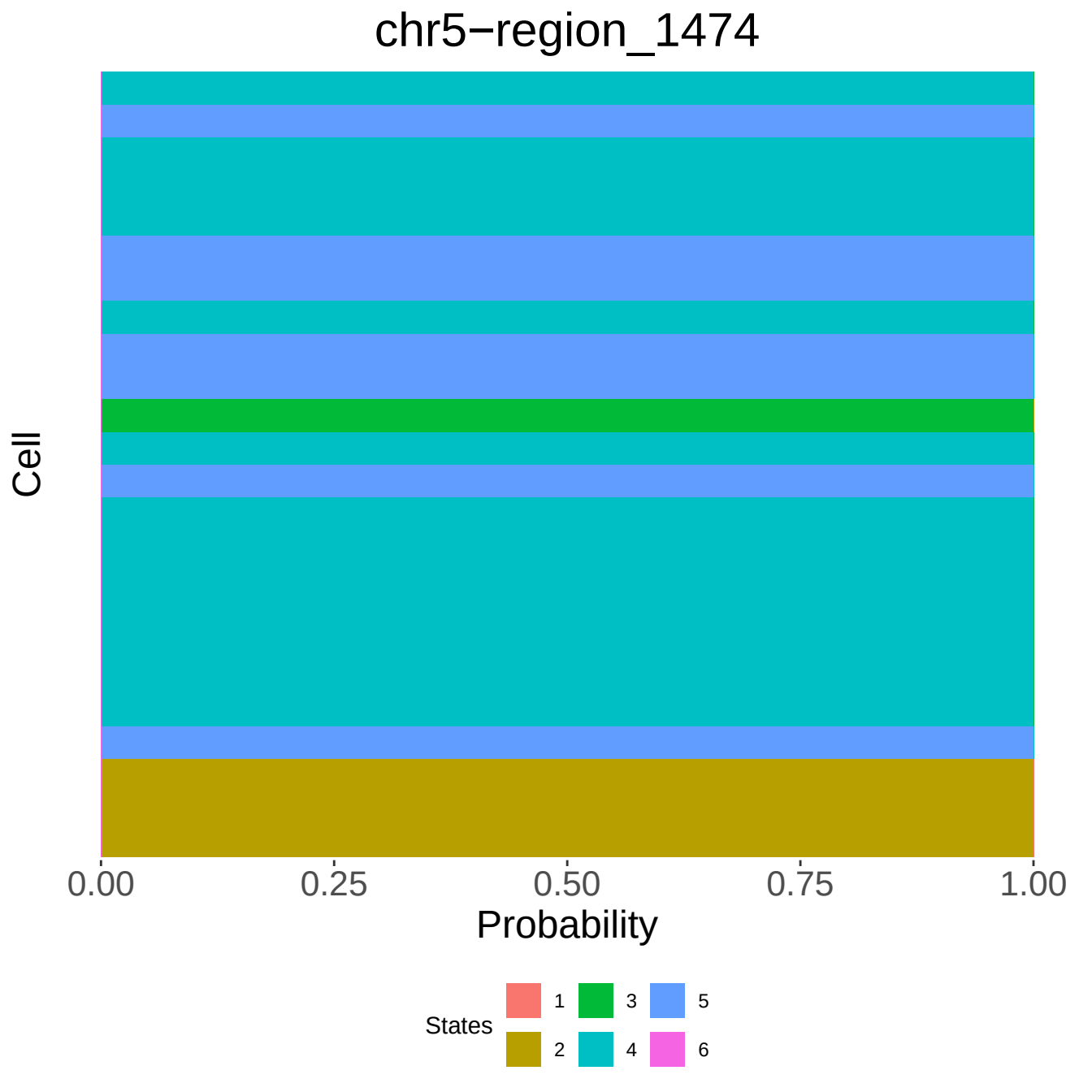
chr5−region_1474
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1.00
Probability
States
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2
4
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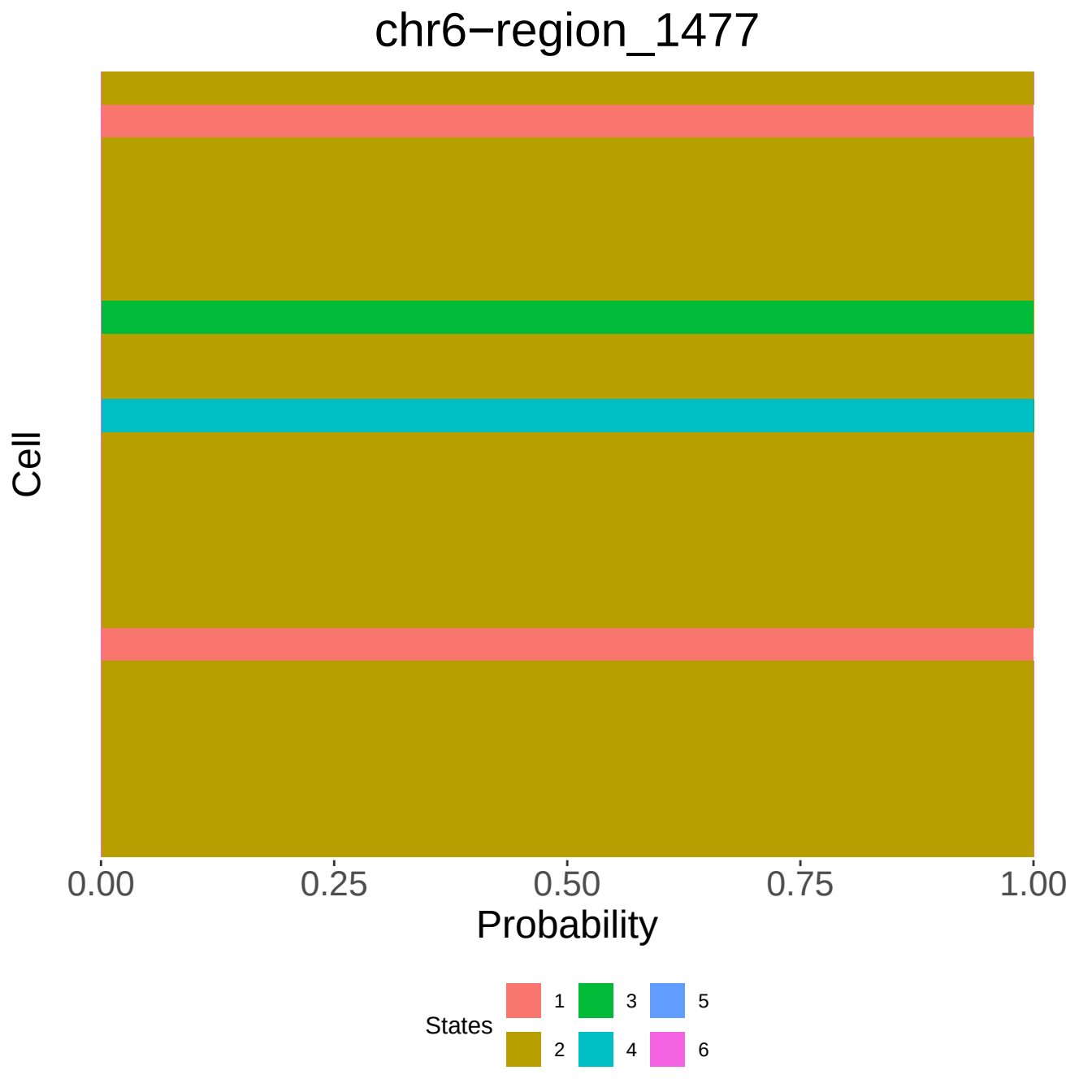
chr6−region_1477
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Probability
States
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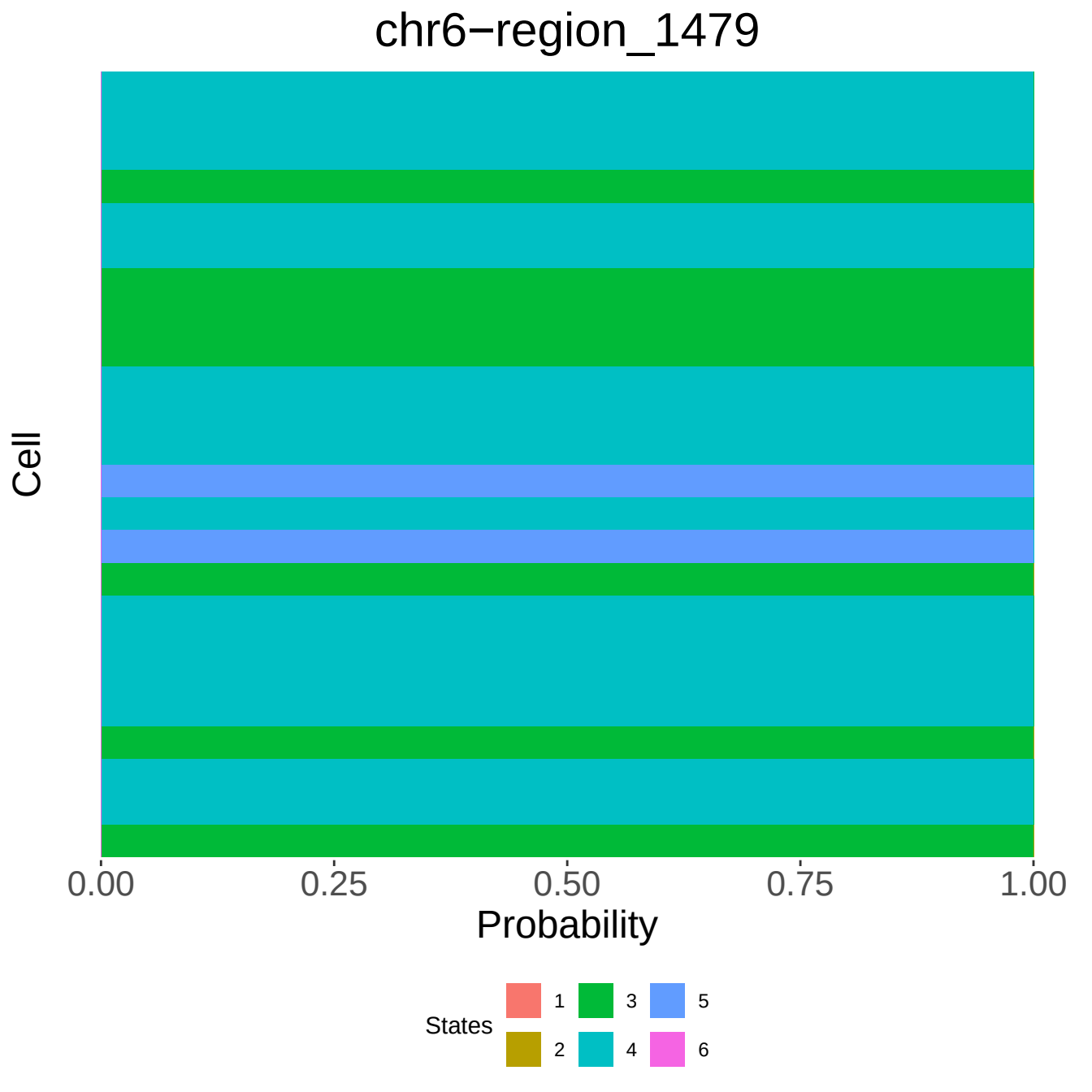
chr6−region_1479
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Probability
States
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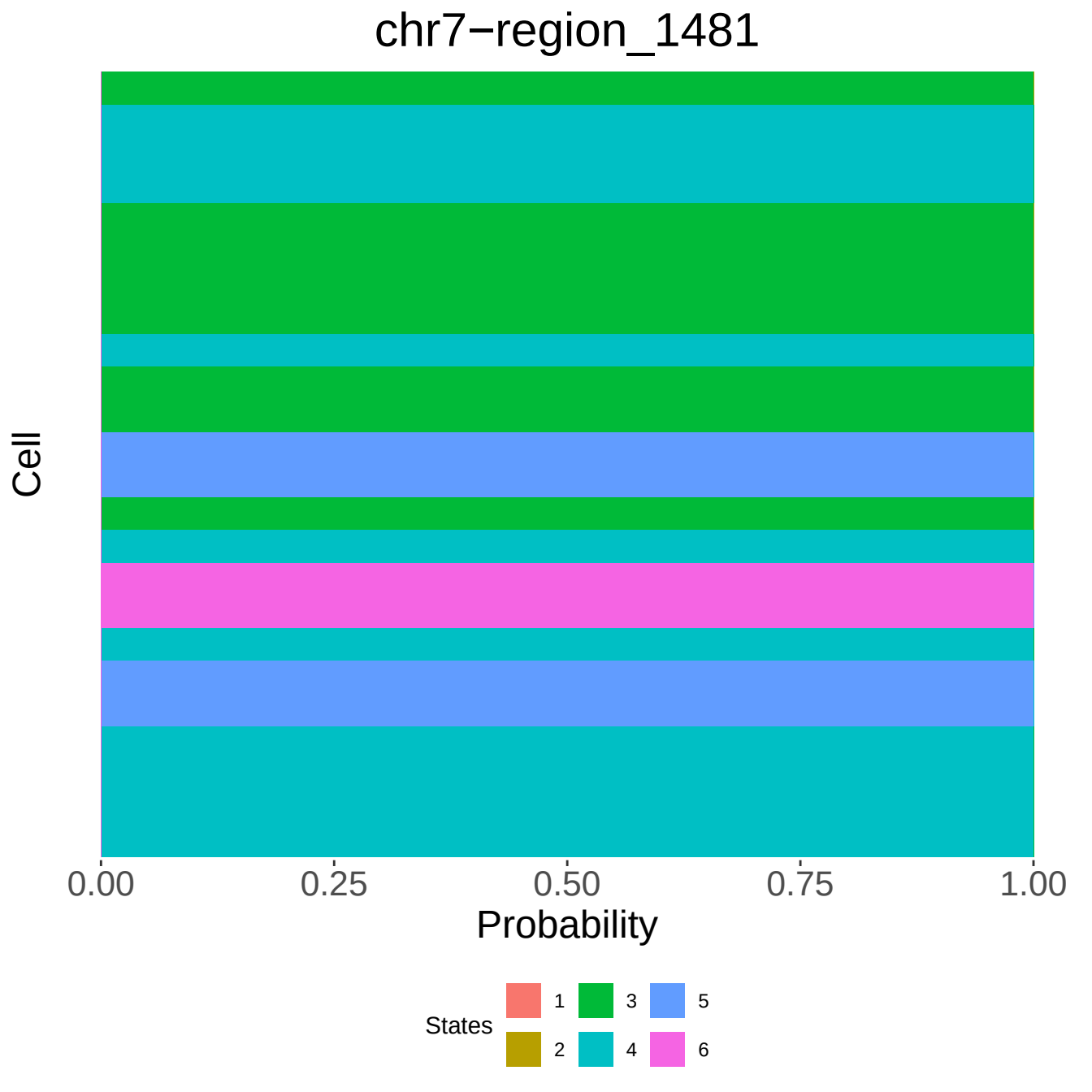
chr7−region_1481
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Probability
States
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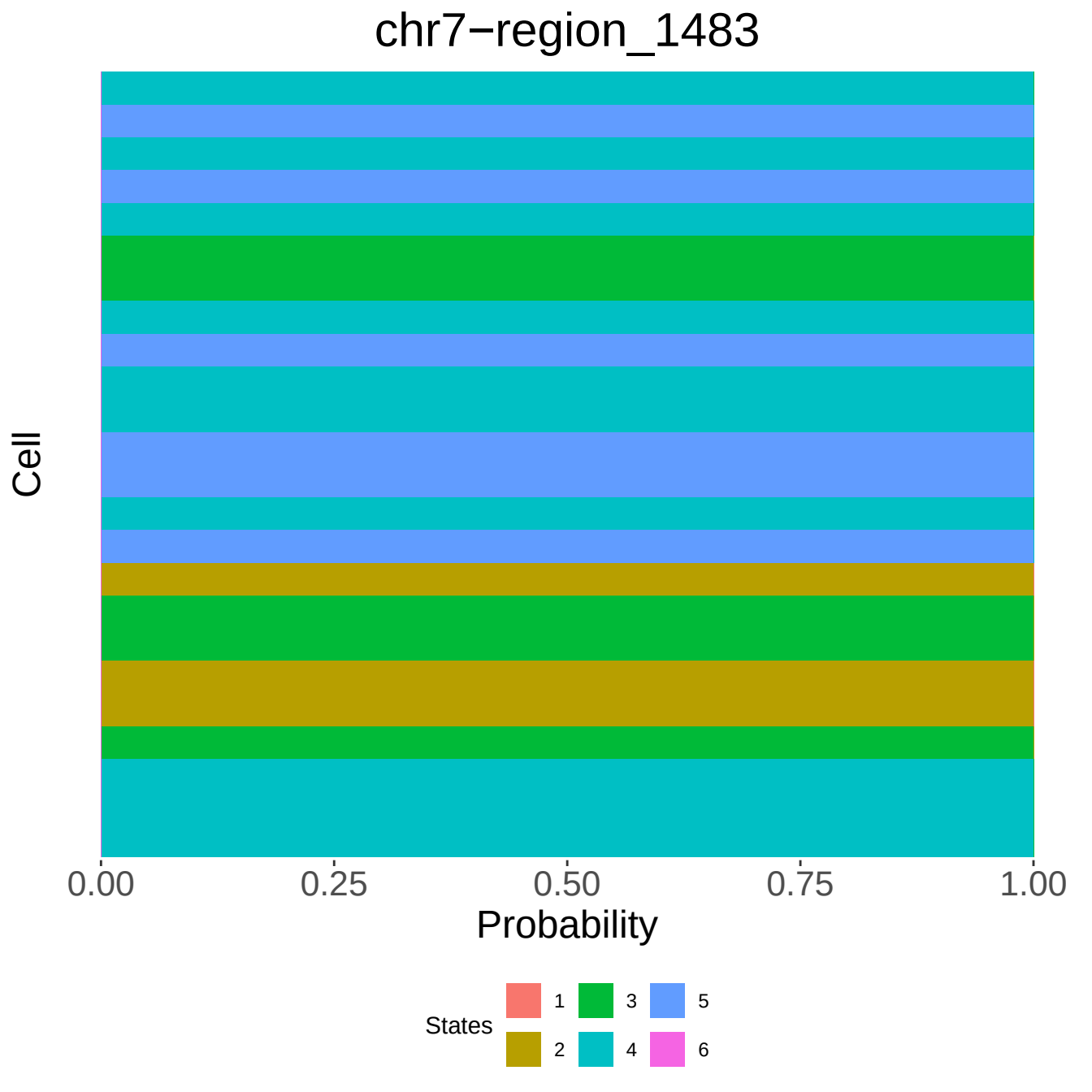
chr7−region_1483
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Probability
States
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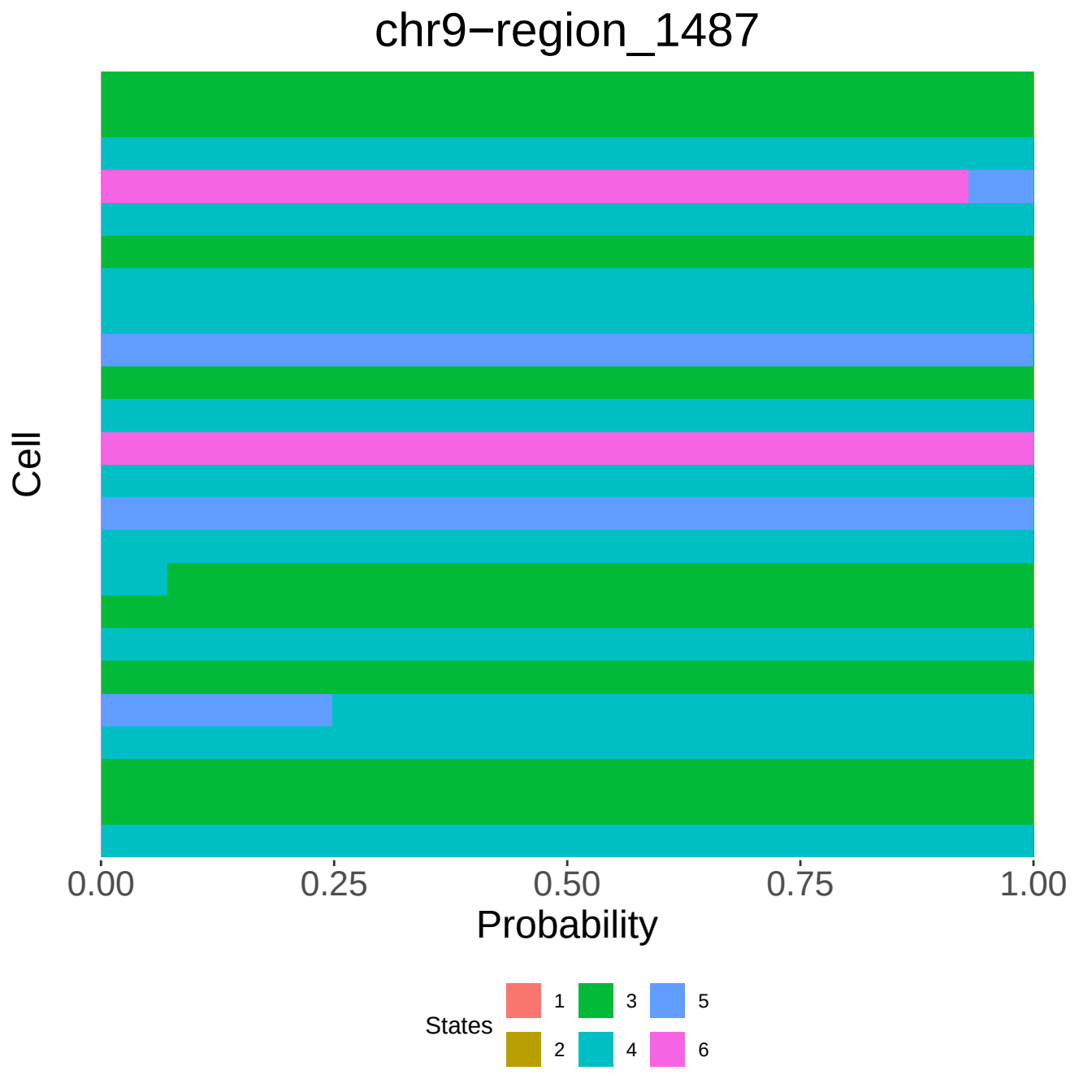
chr9−region_1487
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Probability
States
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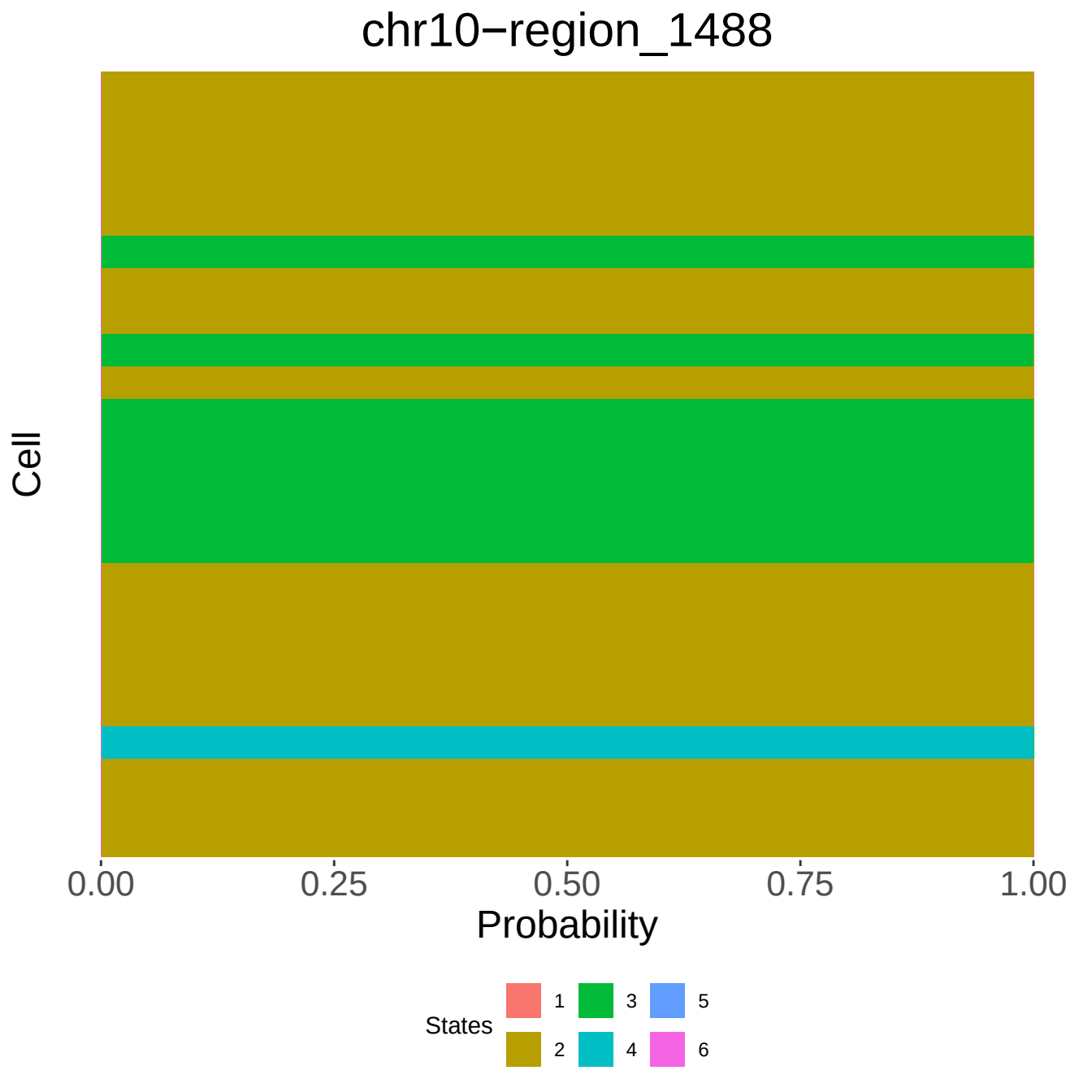
chr10−region_1488
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Probability
States
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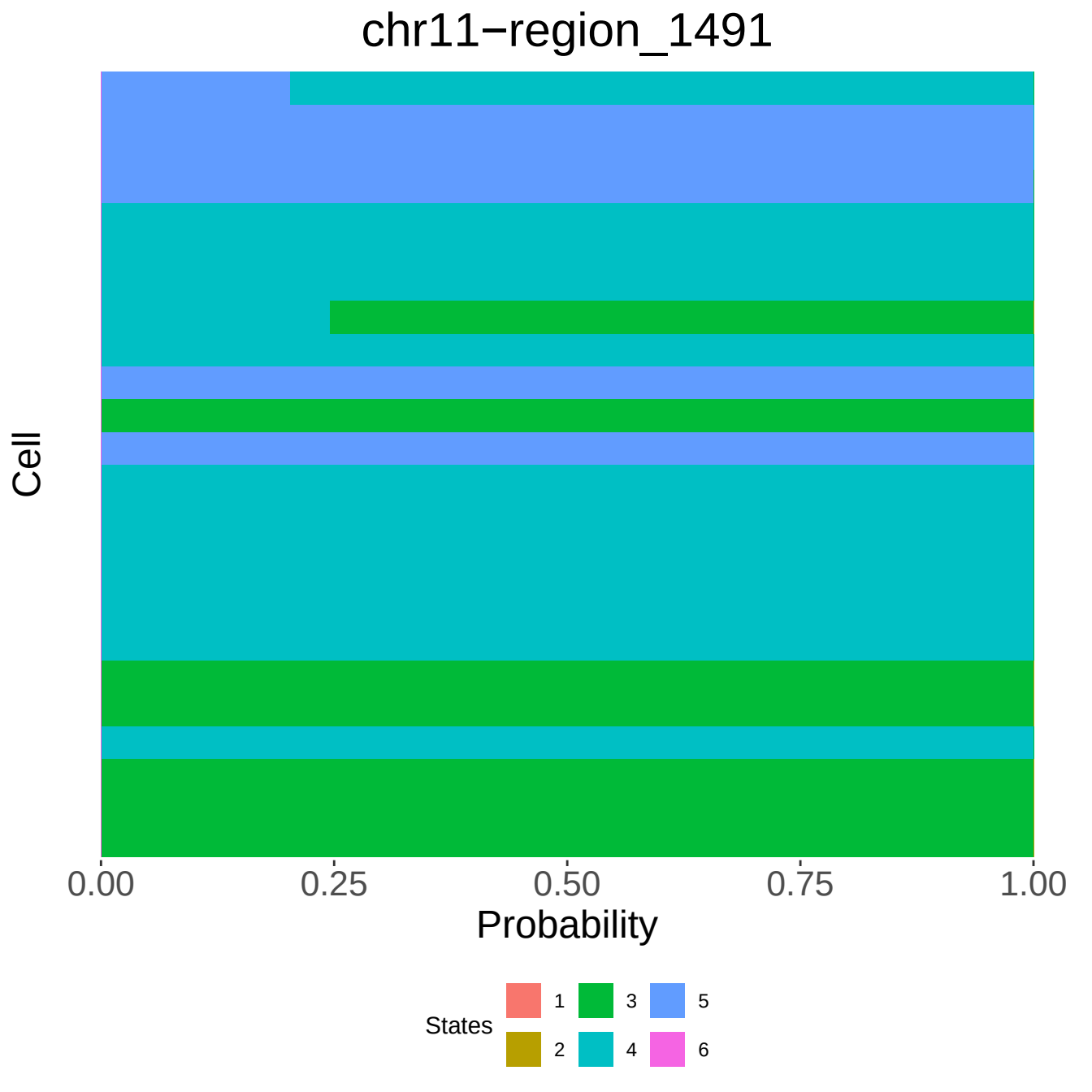
chr11−region_1491
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Probability
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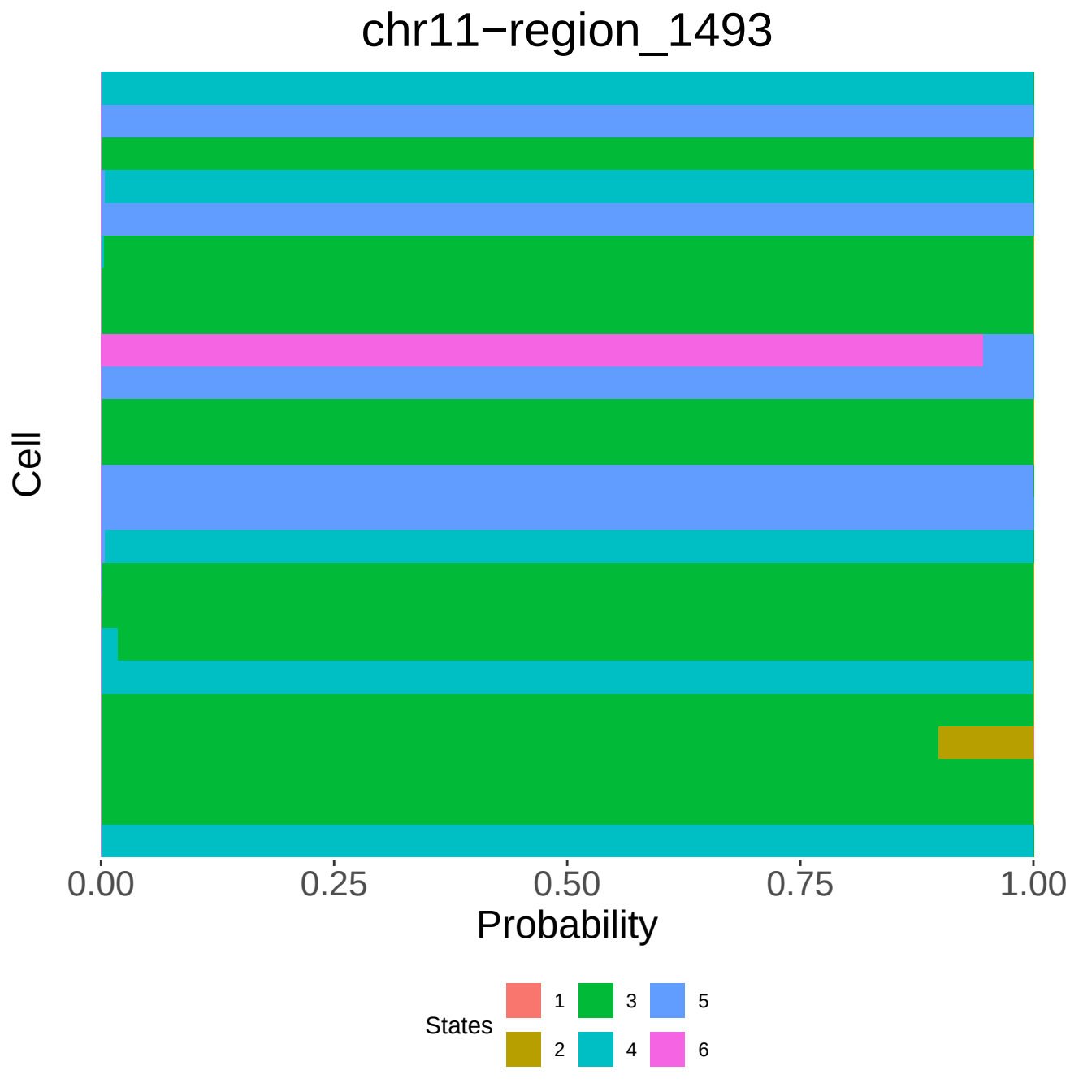
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Probability
States
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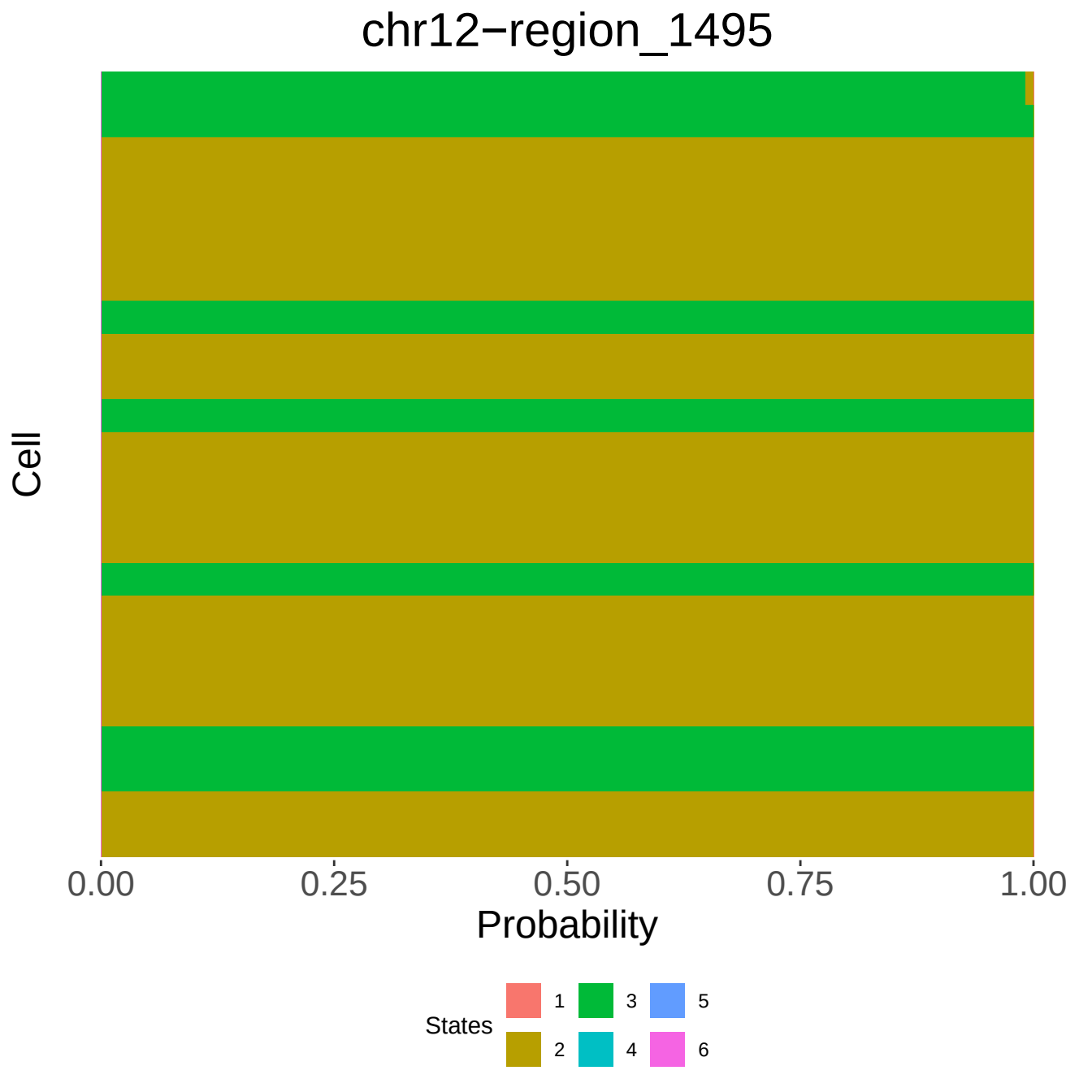
chr12−region_1495
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Probability
States
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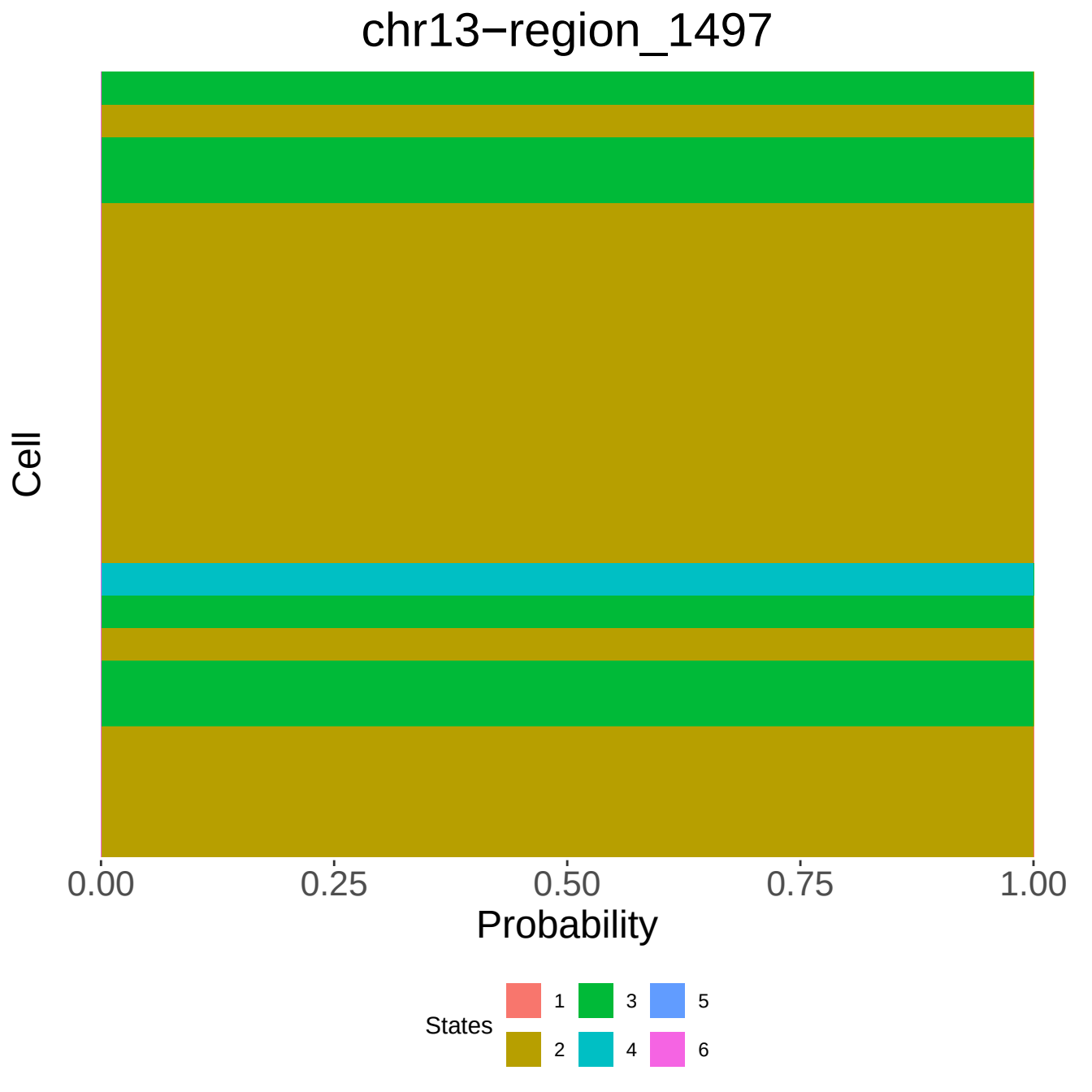
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Probability
States
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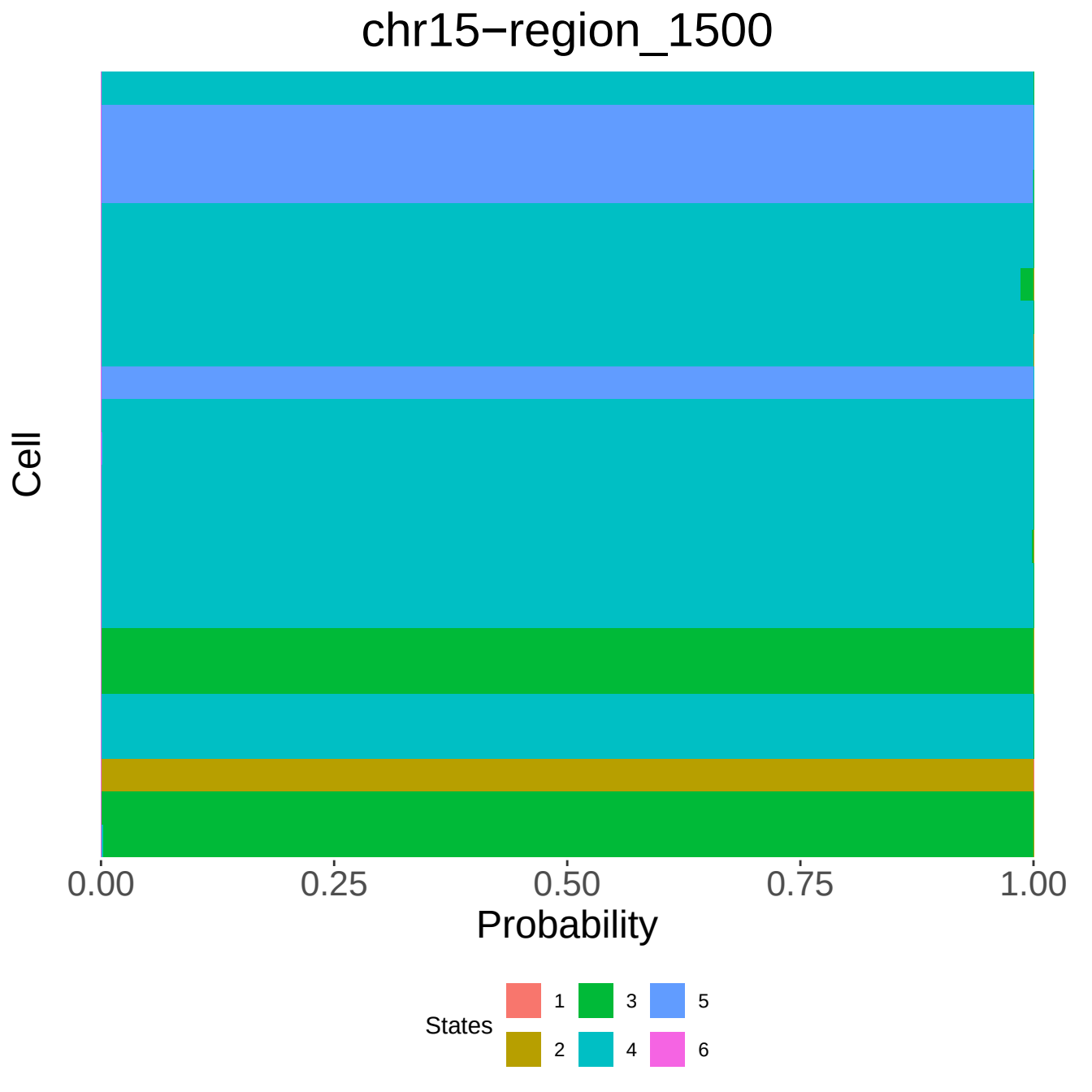
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Probability
States
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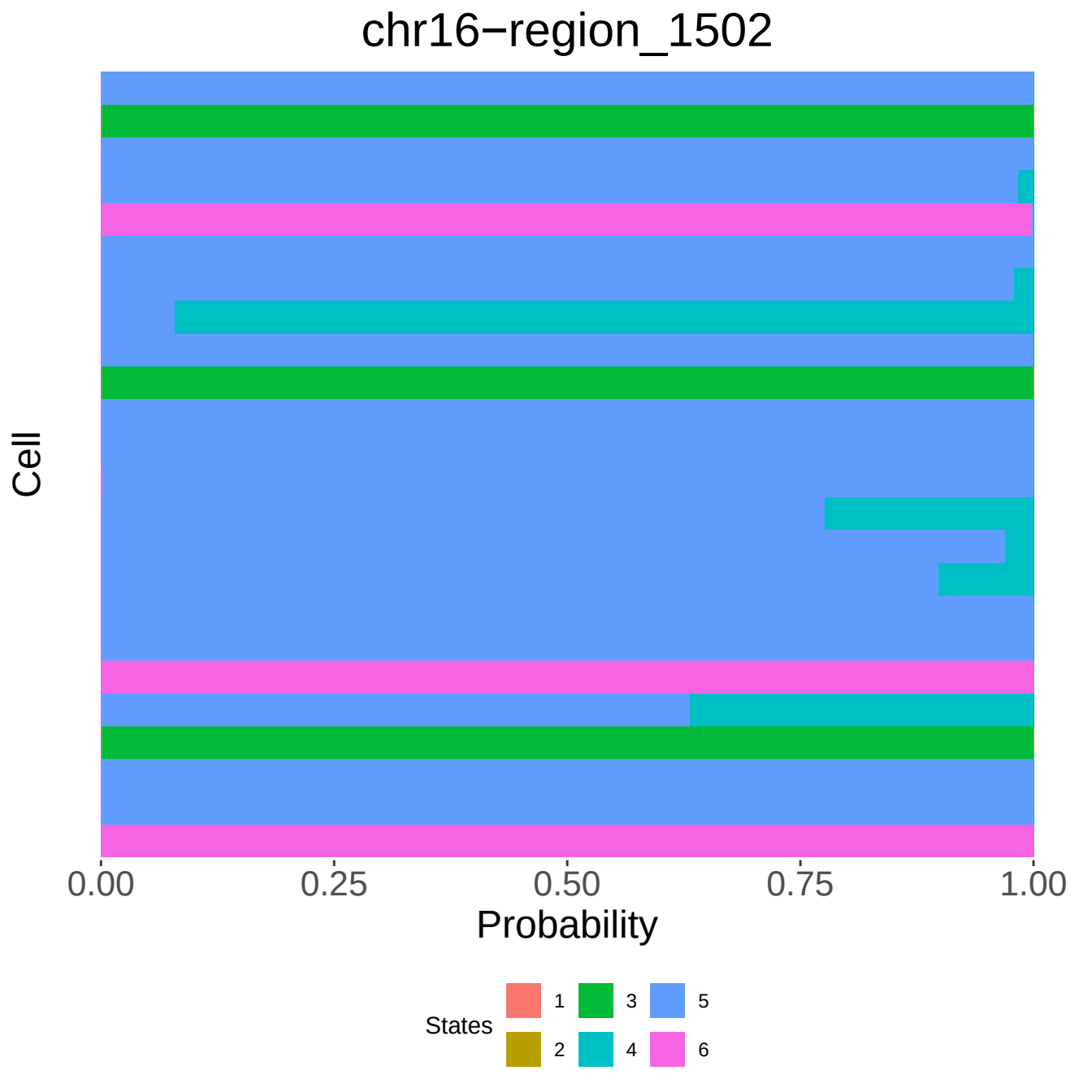
chr16−region_1502
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Probability
States
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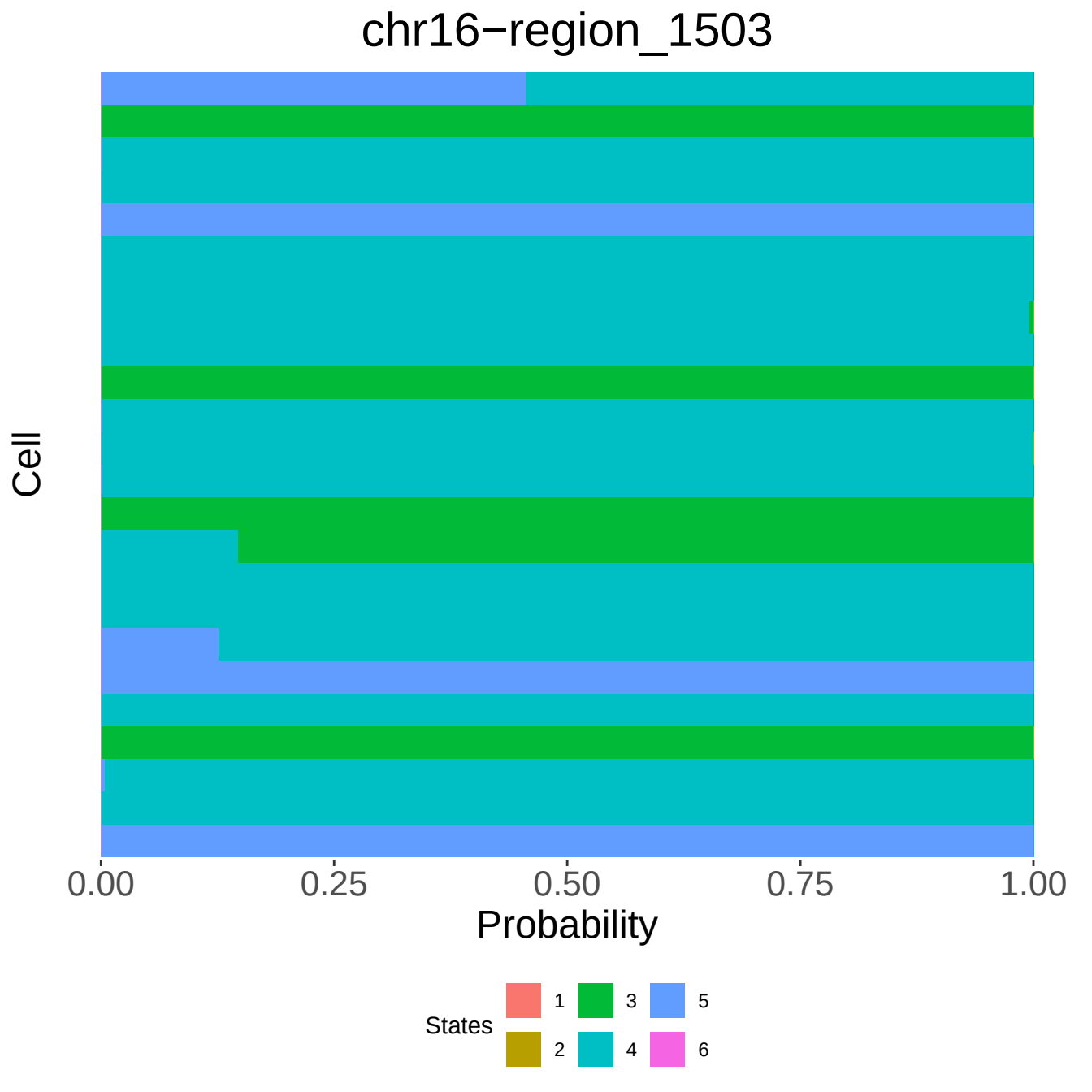
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Probability
States
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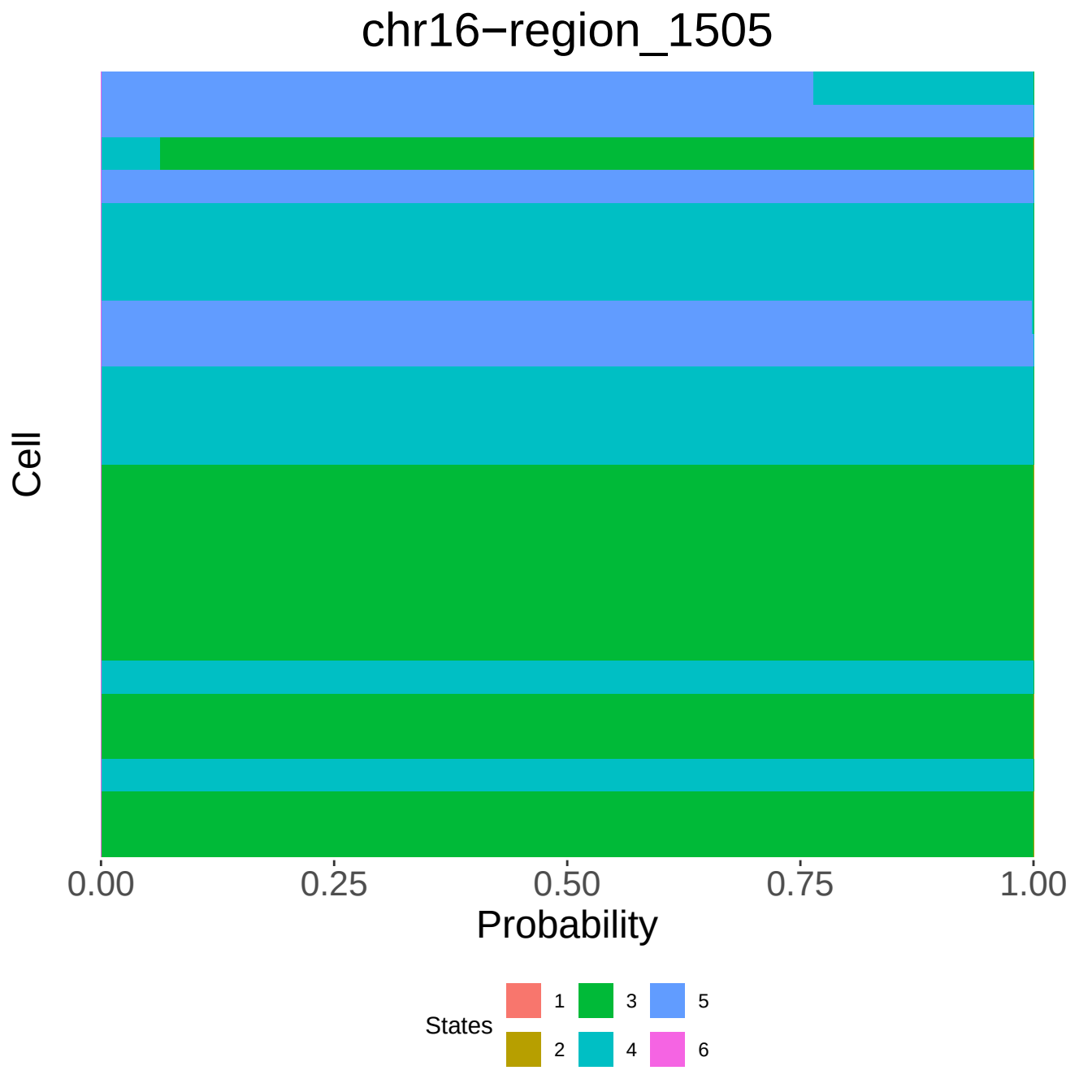
chr16−region_1505
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Probability
States
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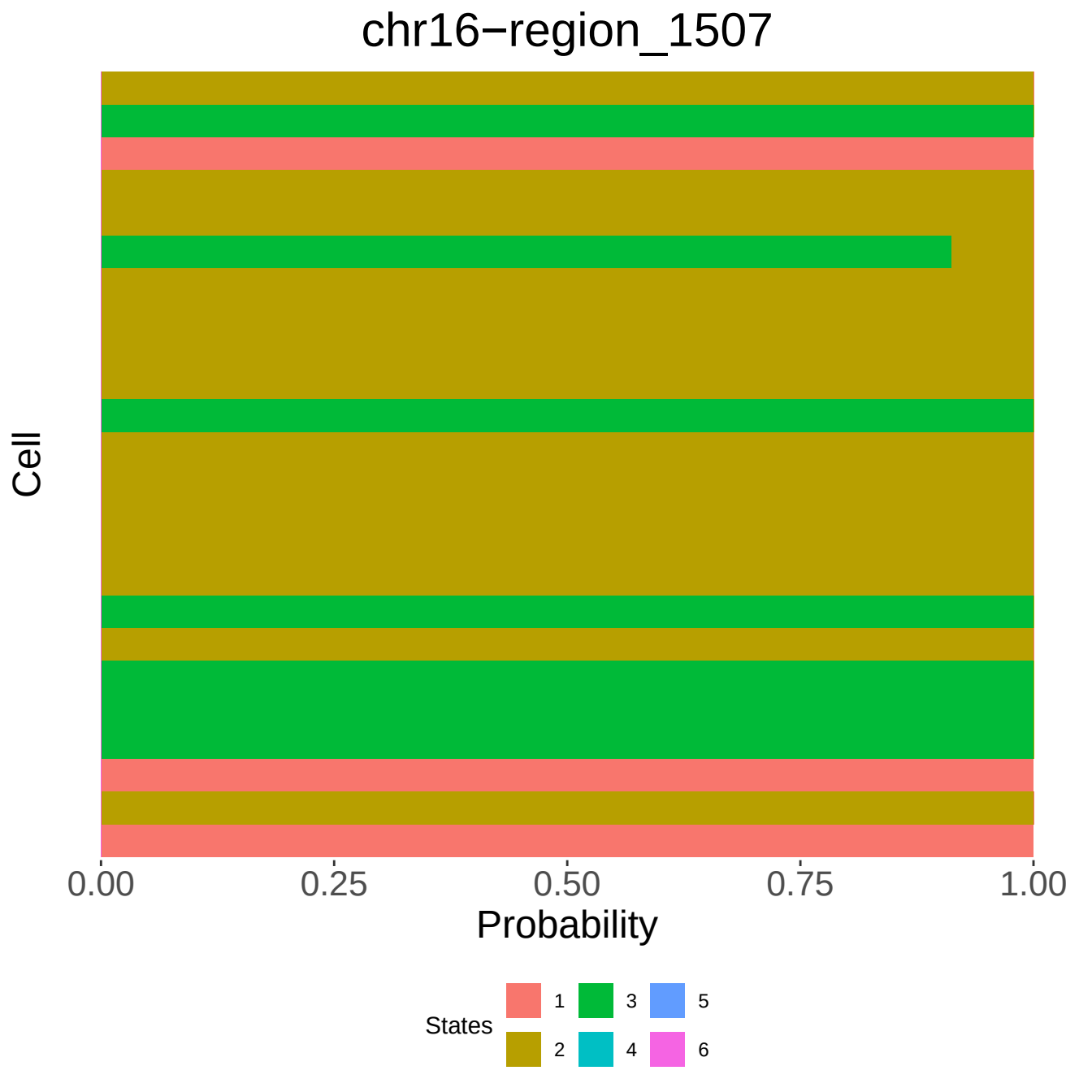
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Probability
States
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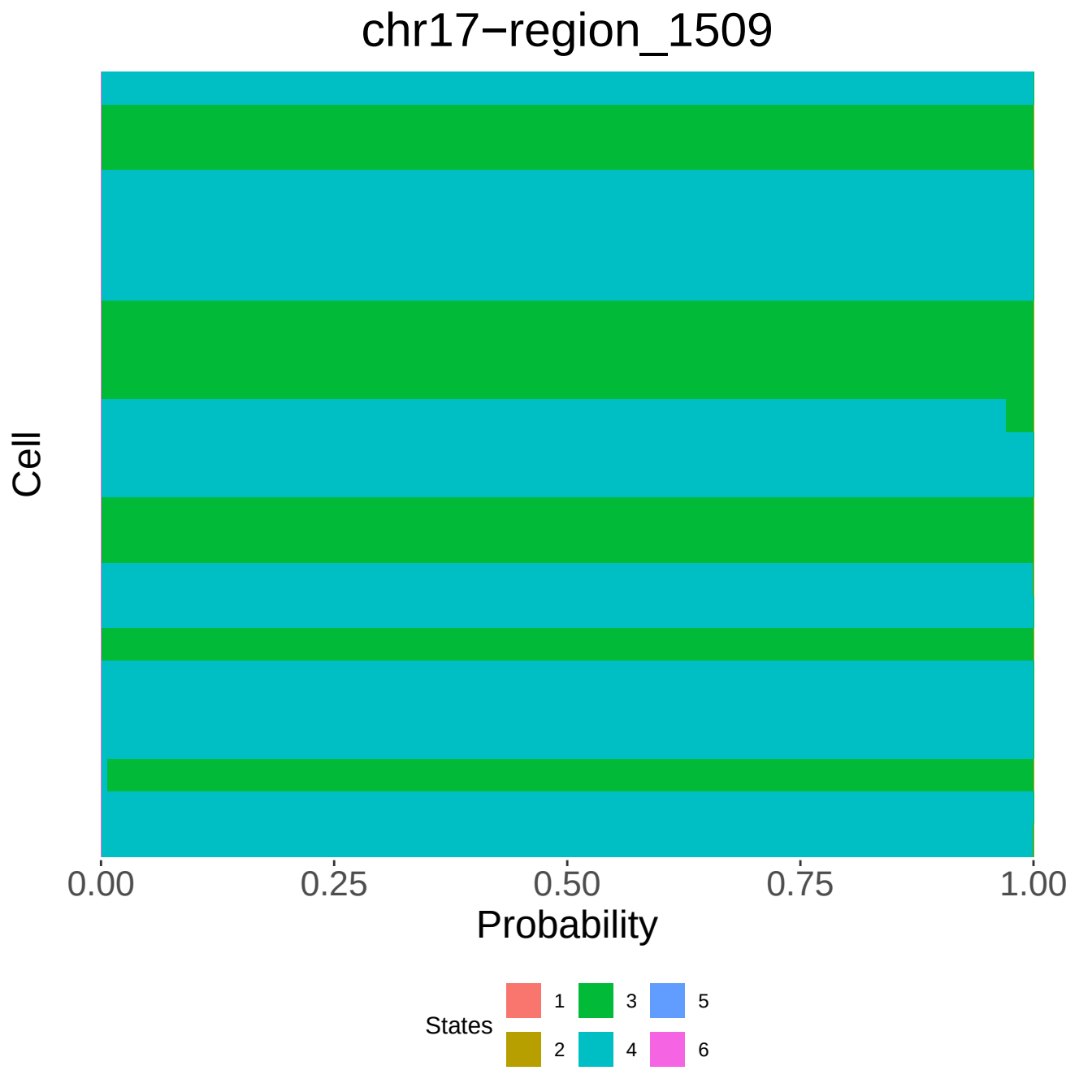
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Probability
States
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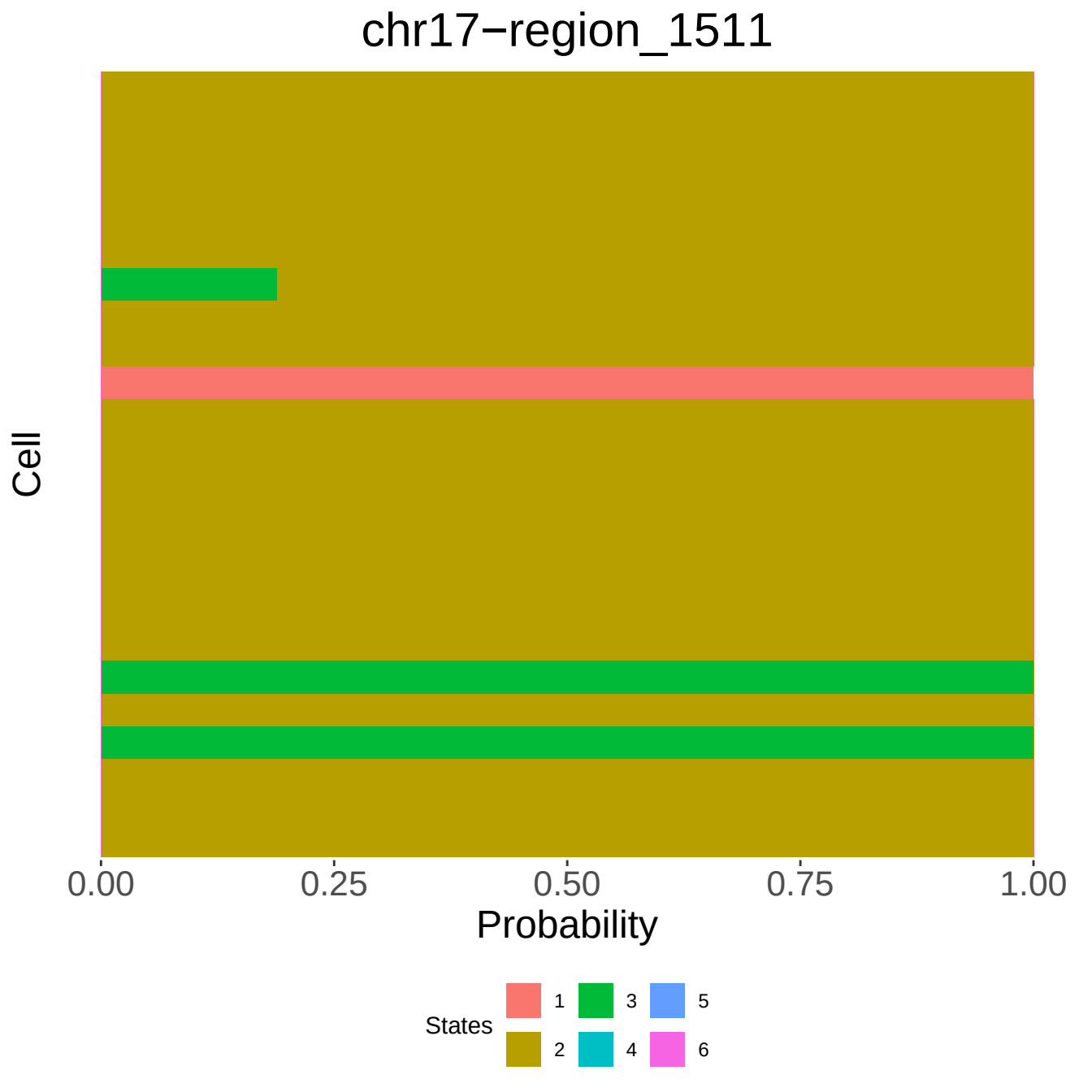
chr17−region_1511
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Probability
States
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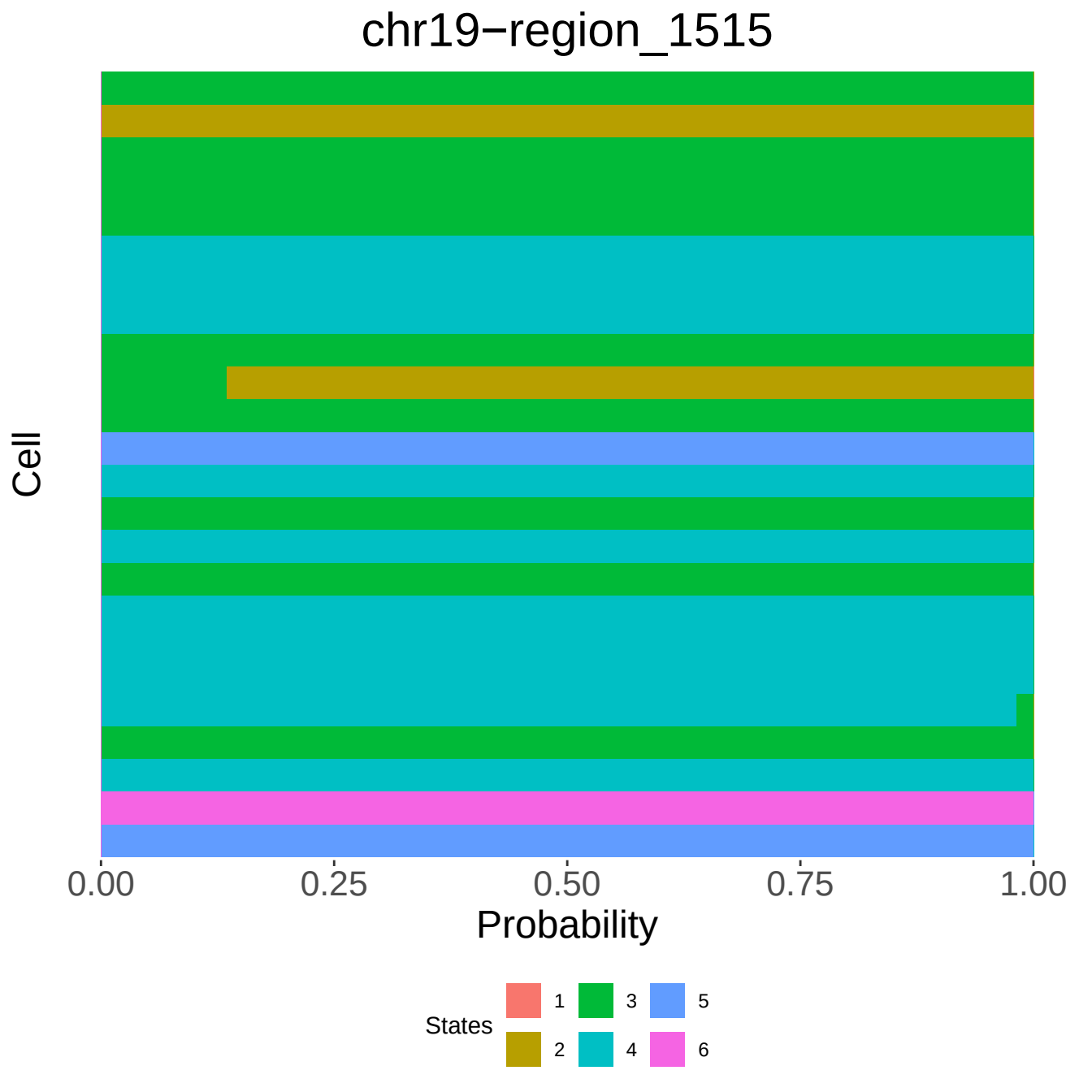
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Probability
States
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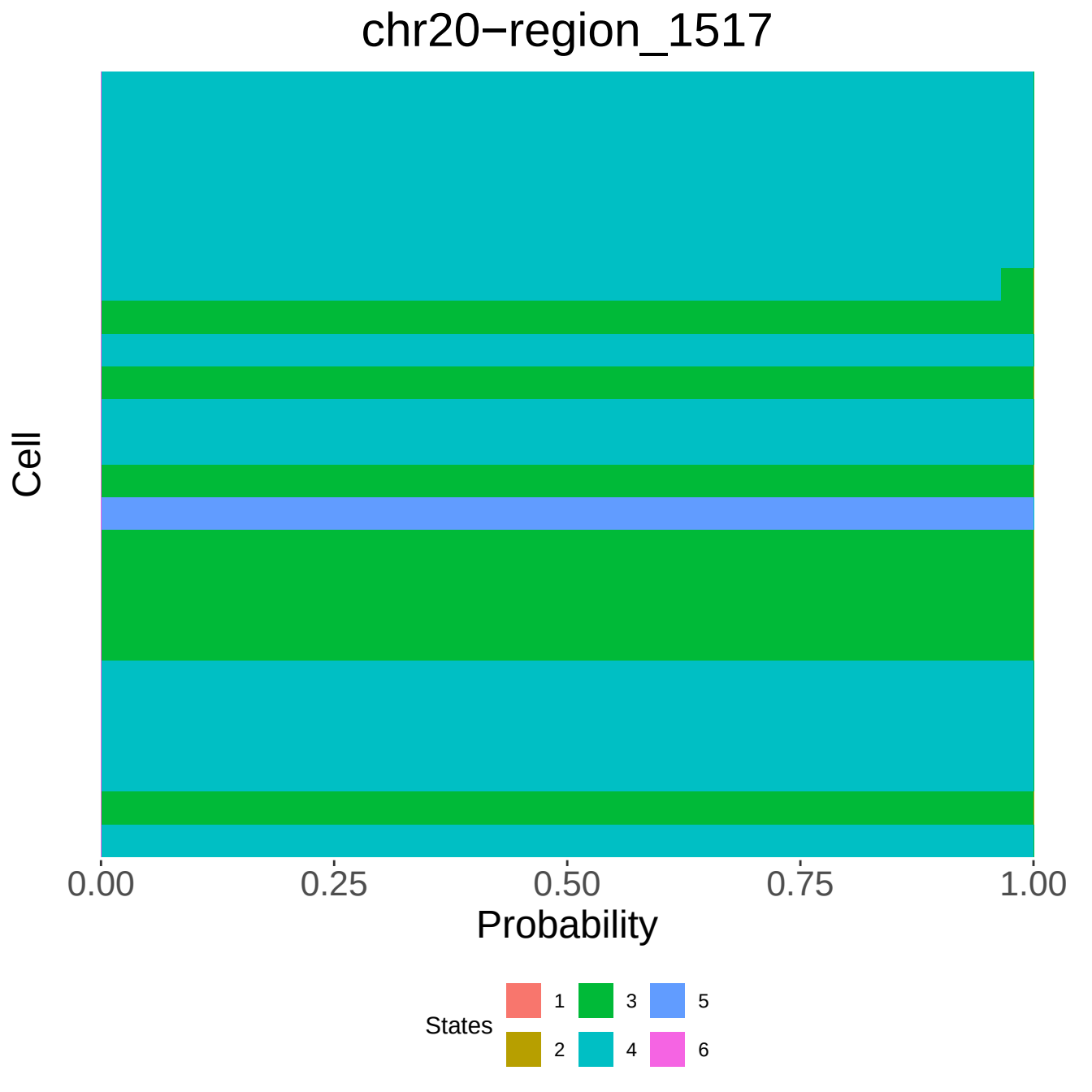
chr20−region_1517
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Probability
States
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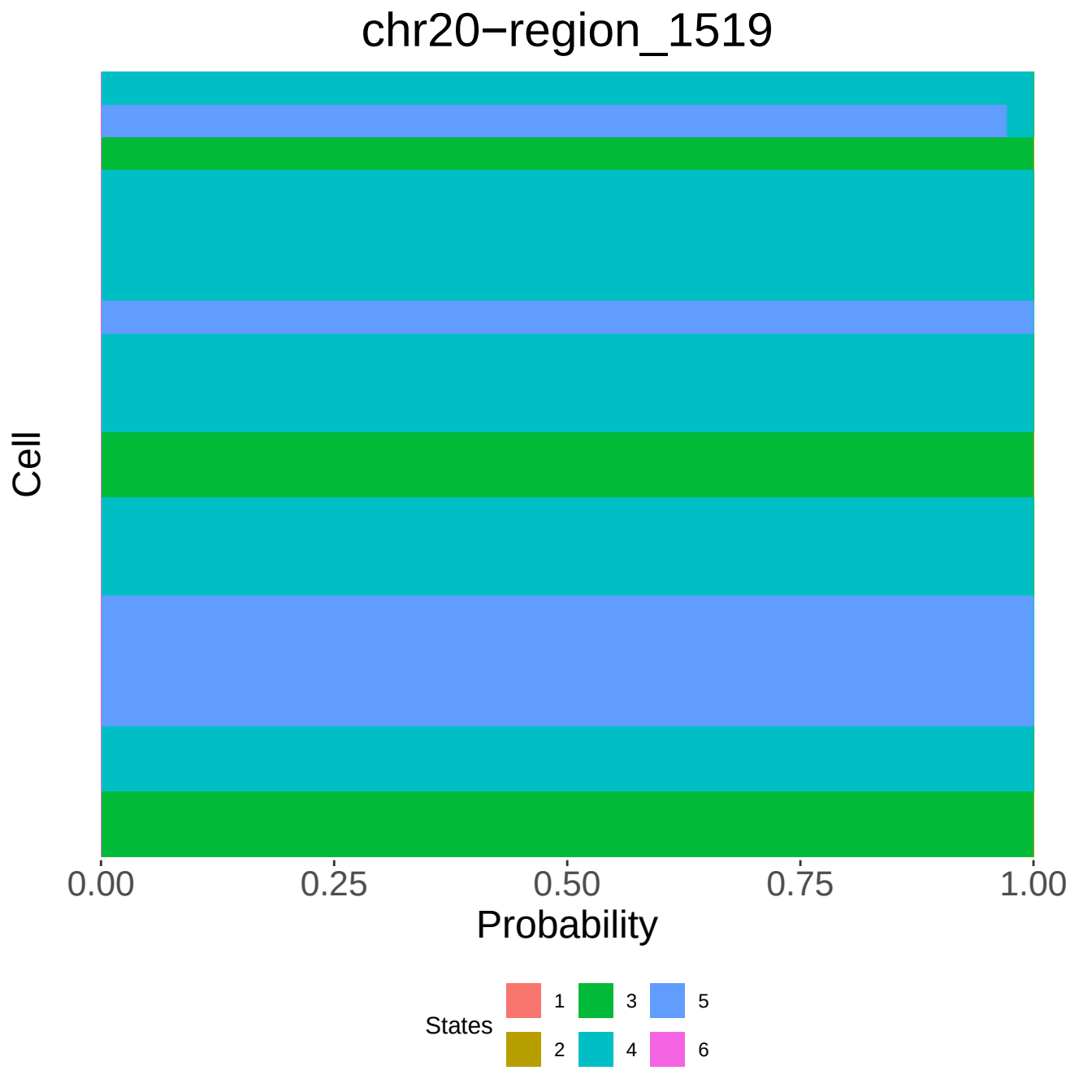
chr20−region_1519
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Probability
States
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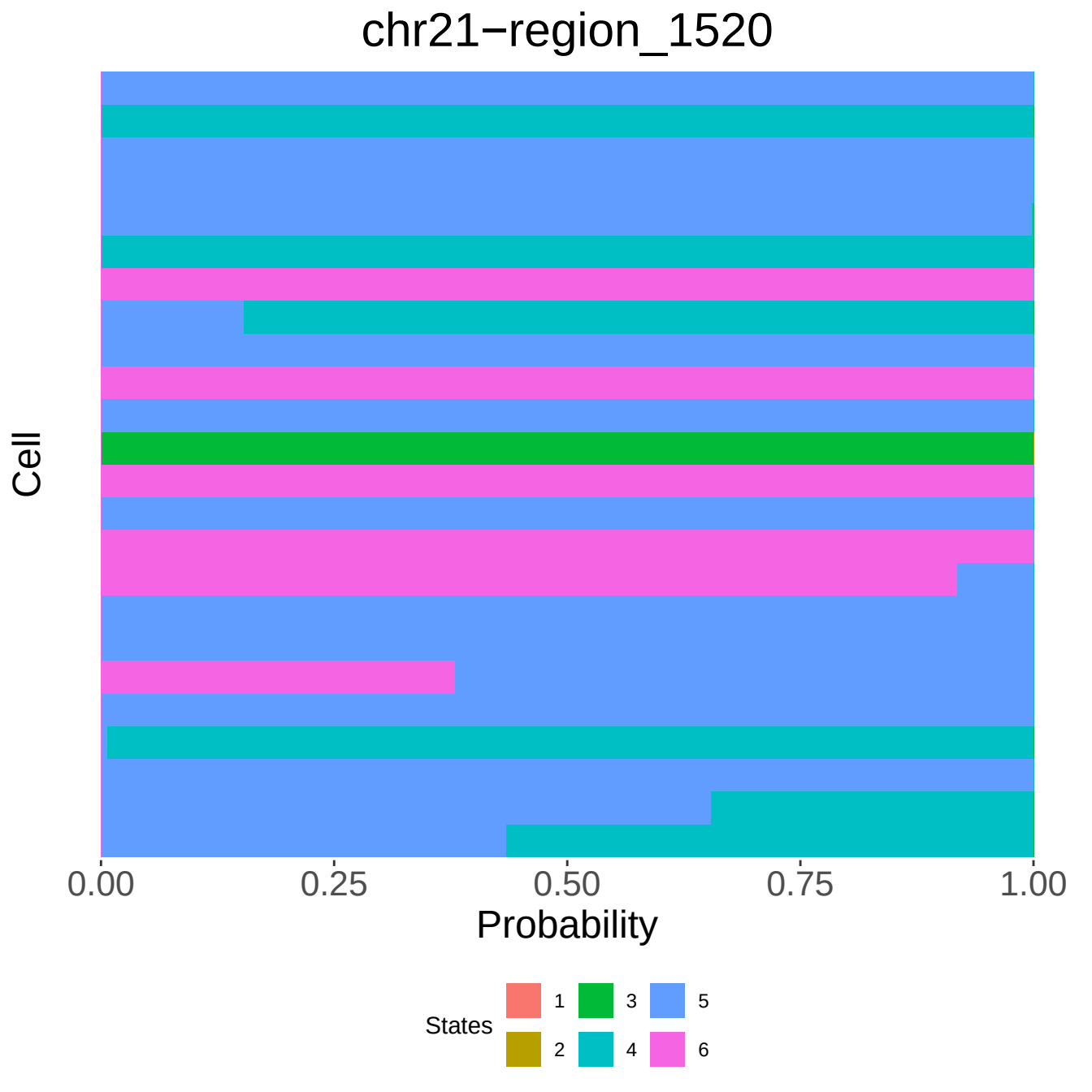
chr21−region_1520
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Probability
States
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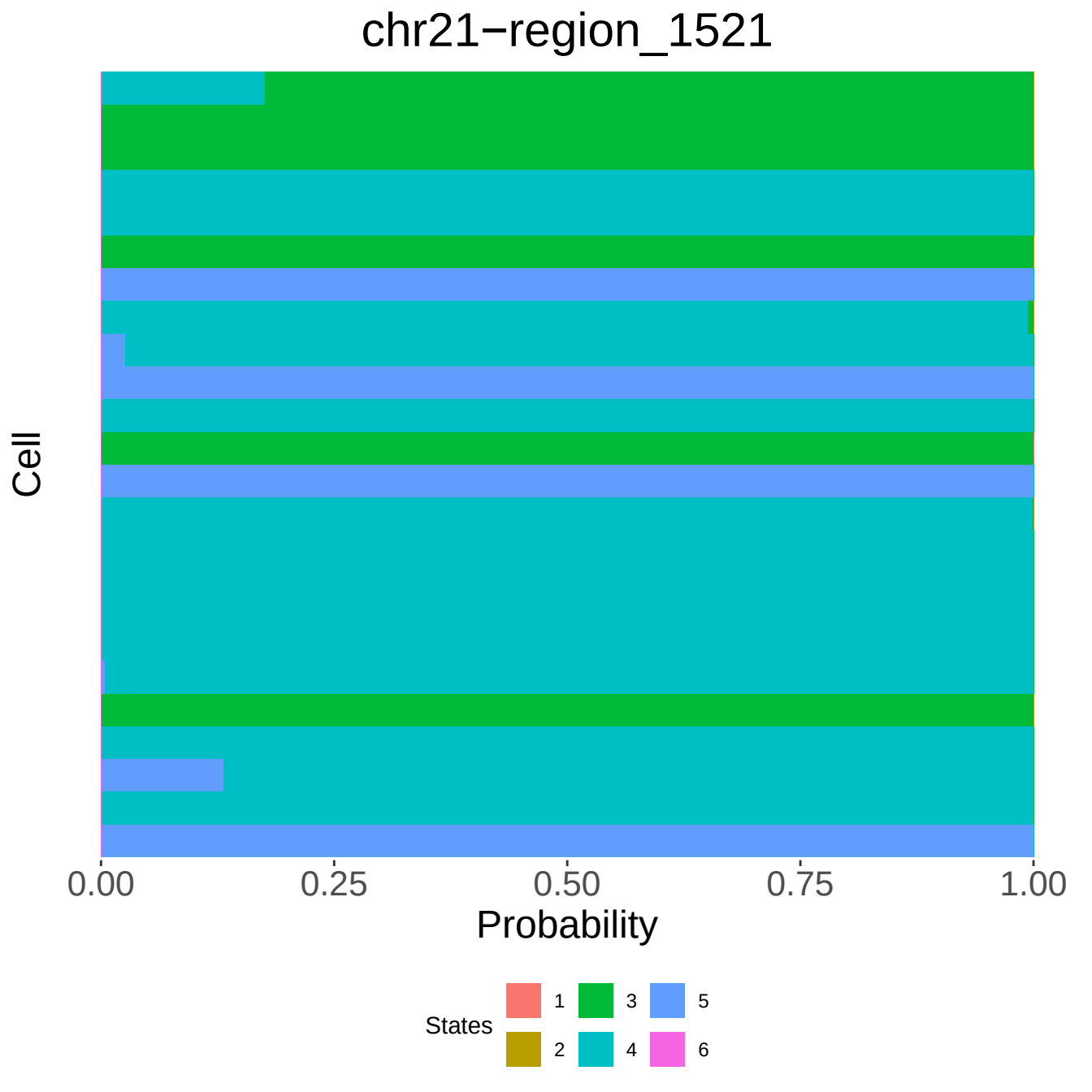
chr21−region_1521
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Probability
States
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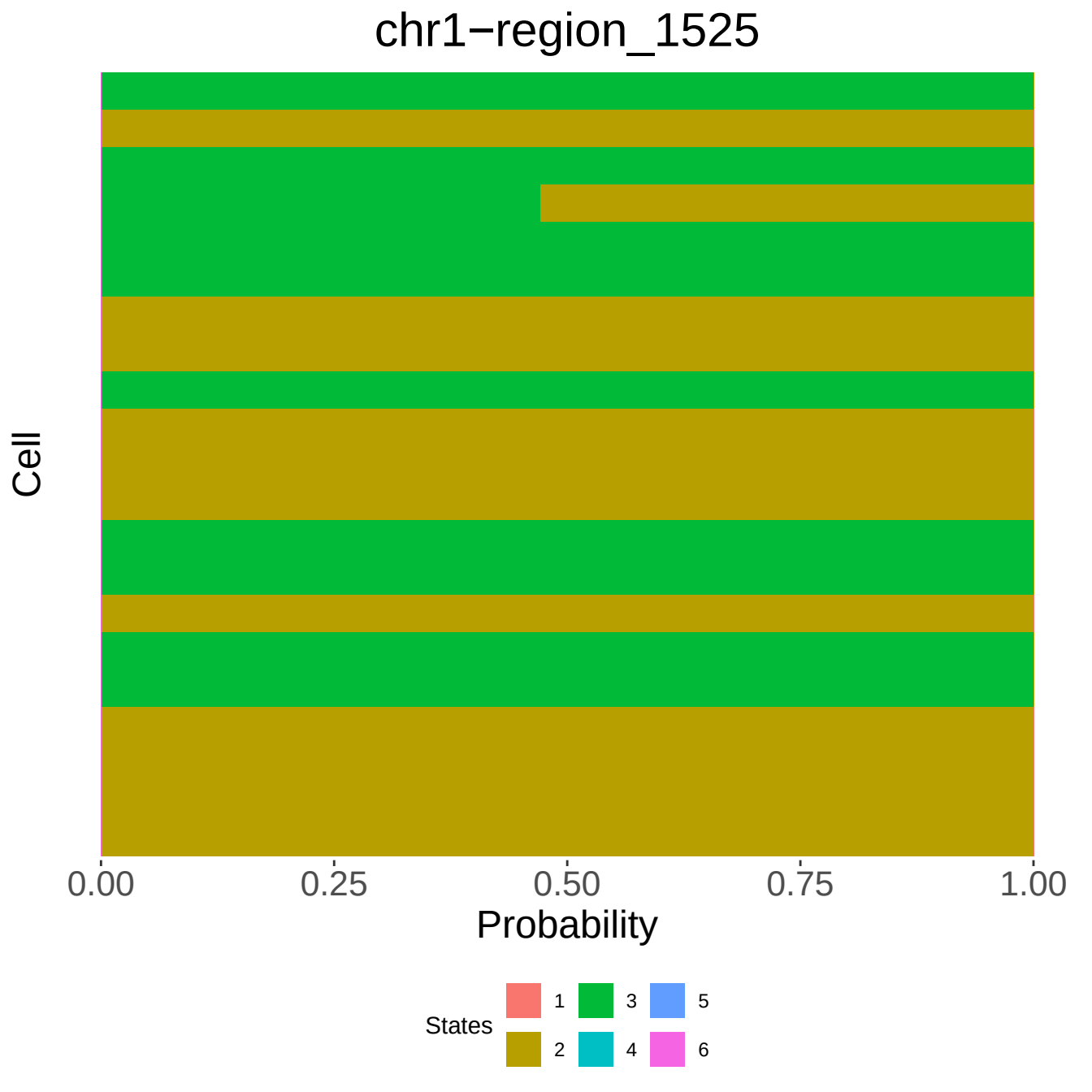
chr1−region_1525
Cell
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0.50
0.75
1.00
Probability
States
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4
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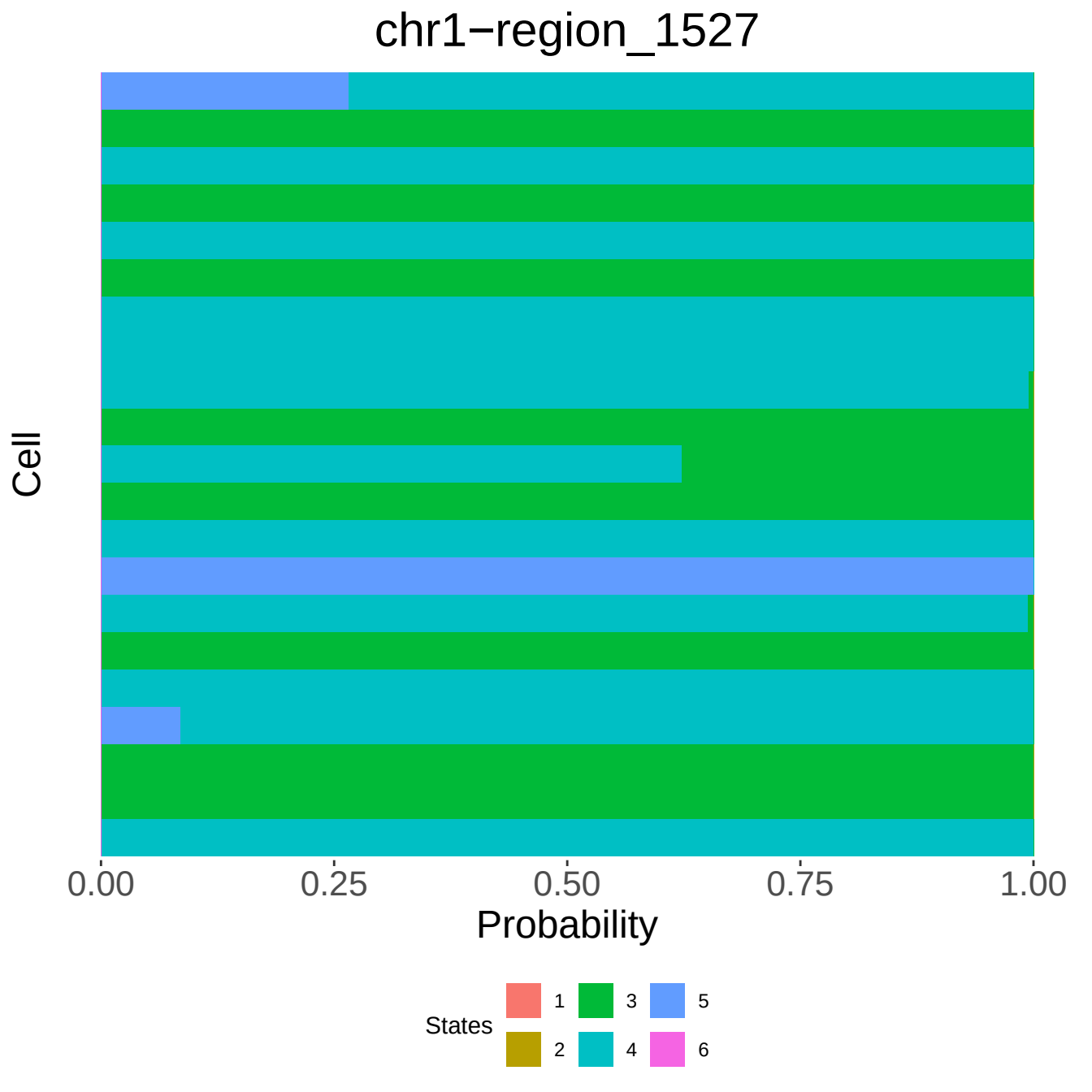
chr1−region_1527
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0.75
1.00
Probability
States
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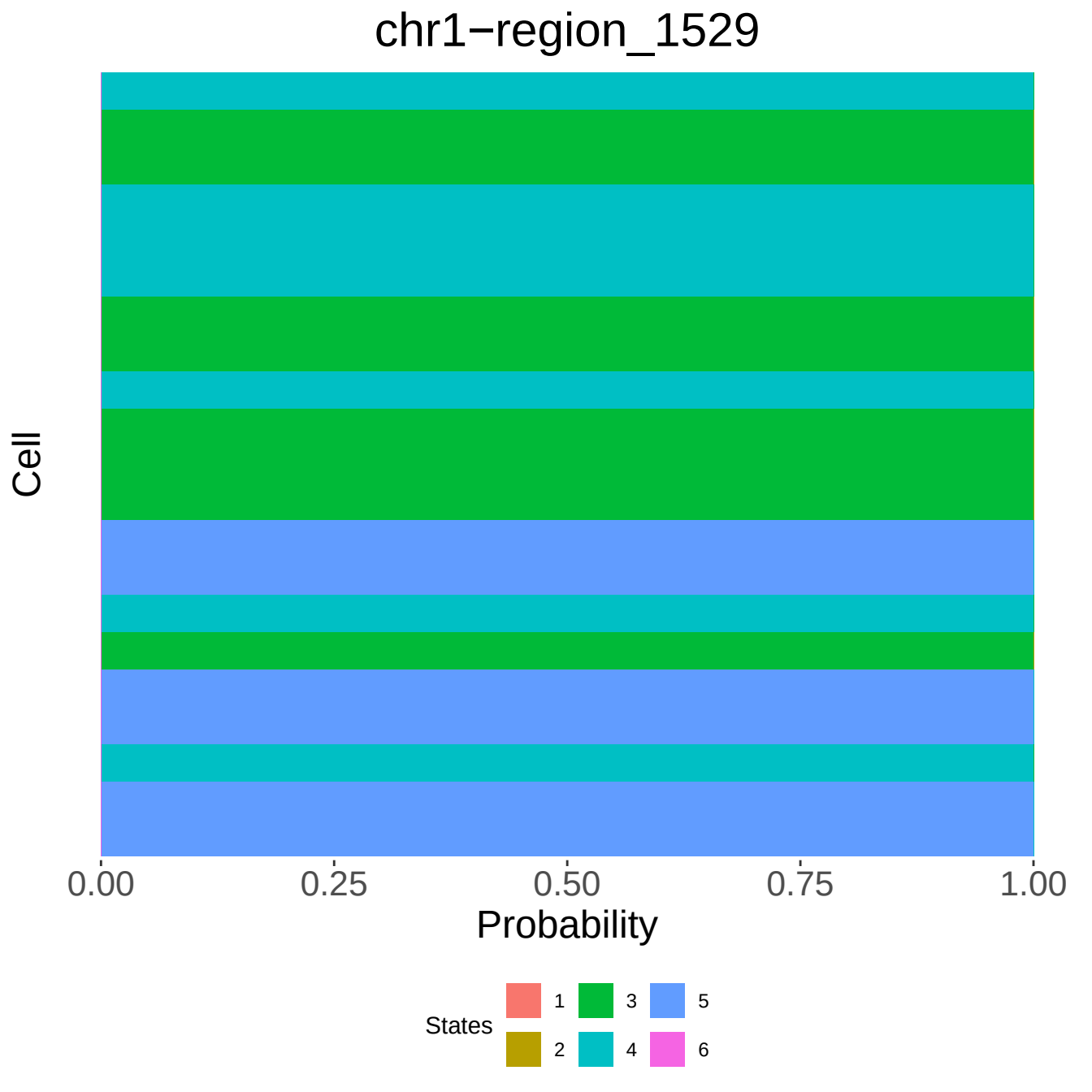
chr1−region_1529
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Probability
States
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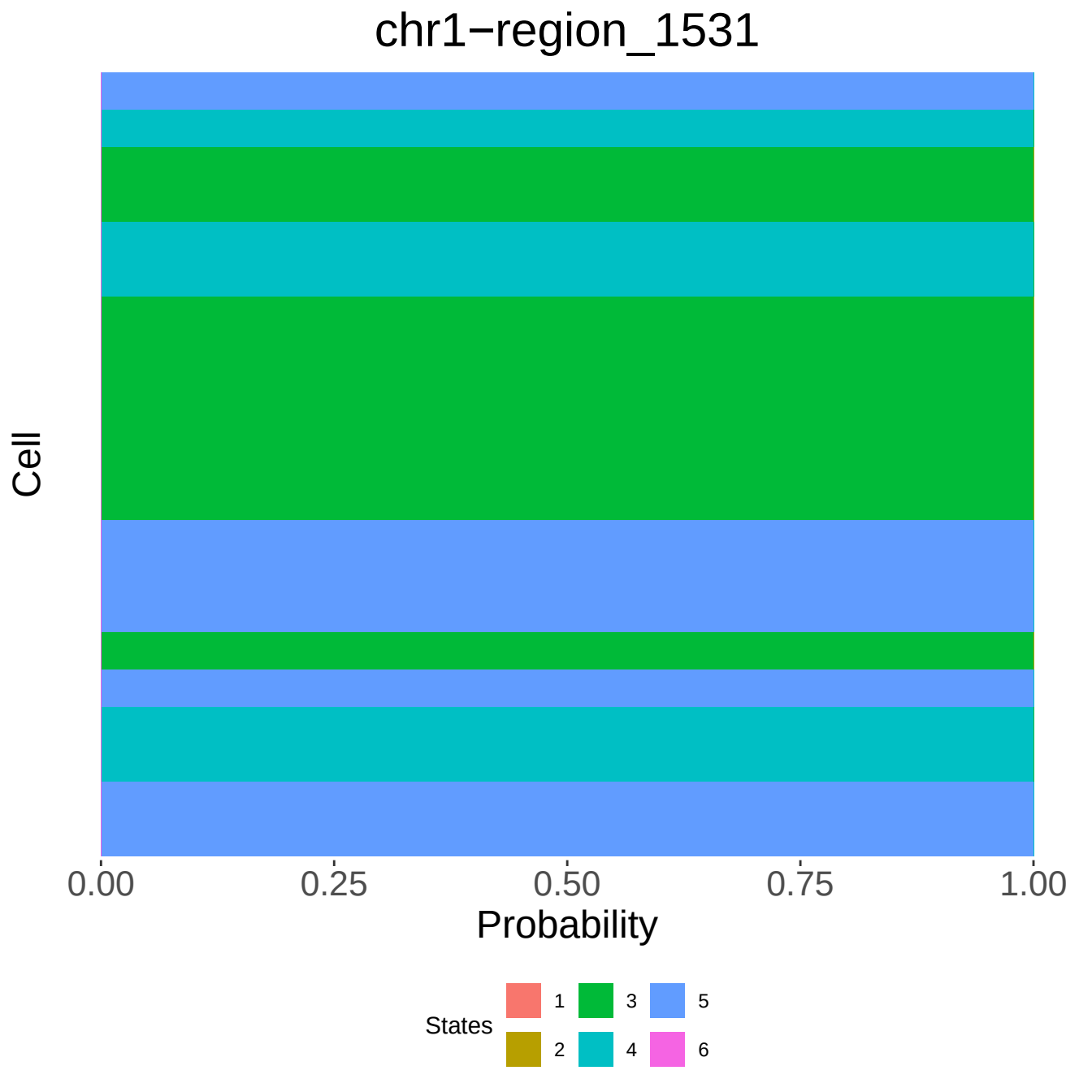
chr1−region_1531
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Probability
States
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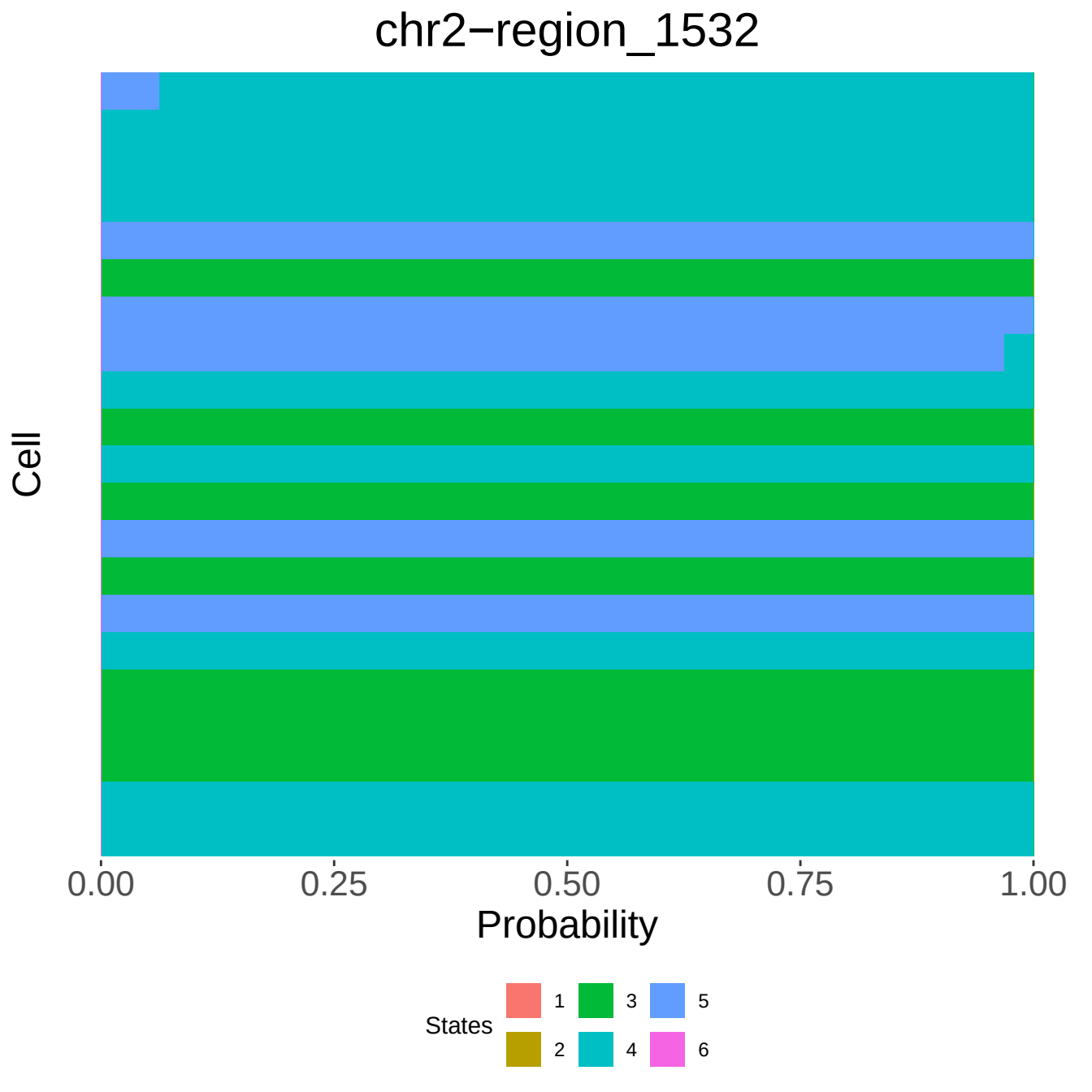
chr2−region_1532
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Probability
States
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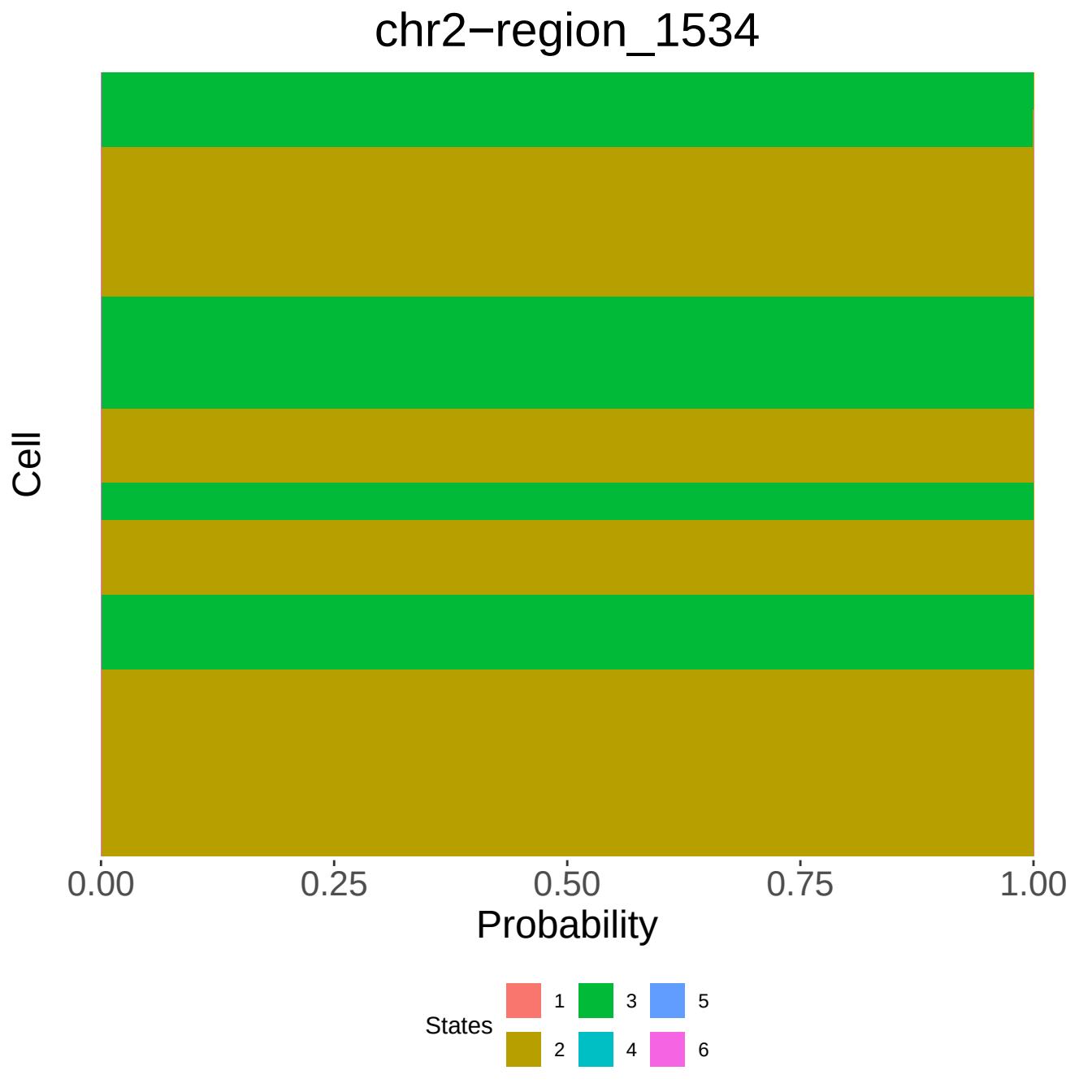
chr2−region_1534
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Probability
States
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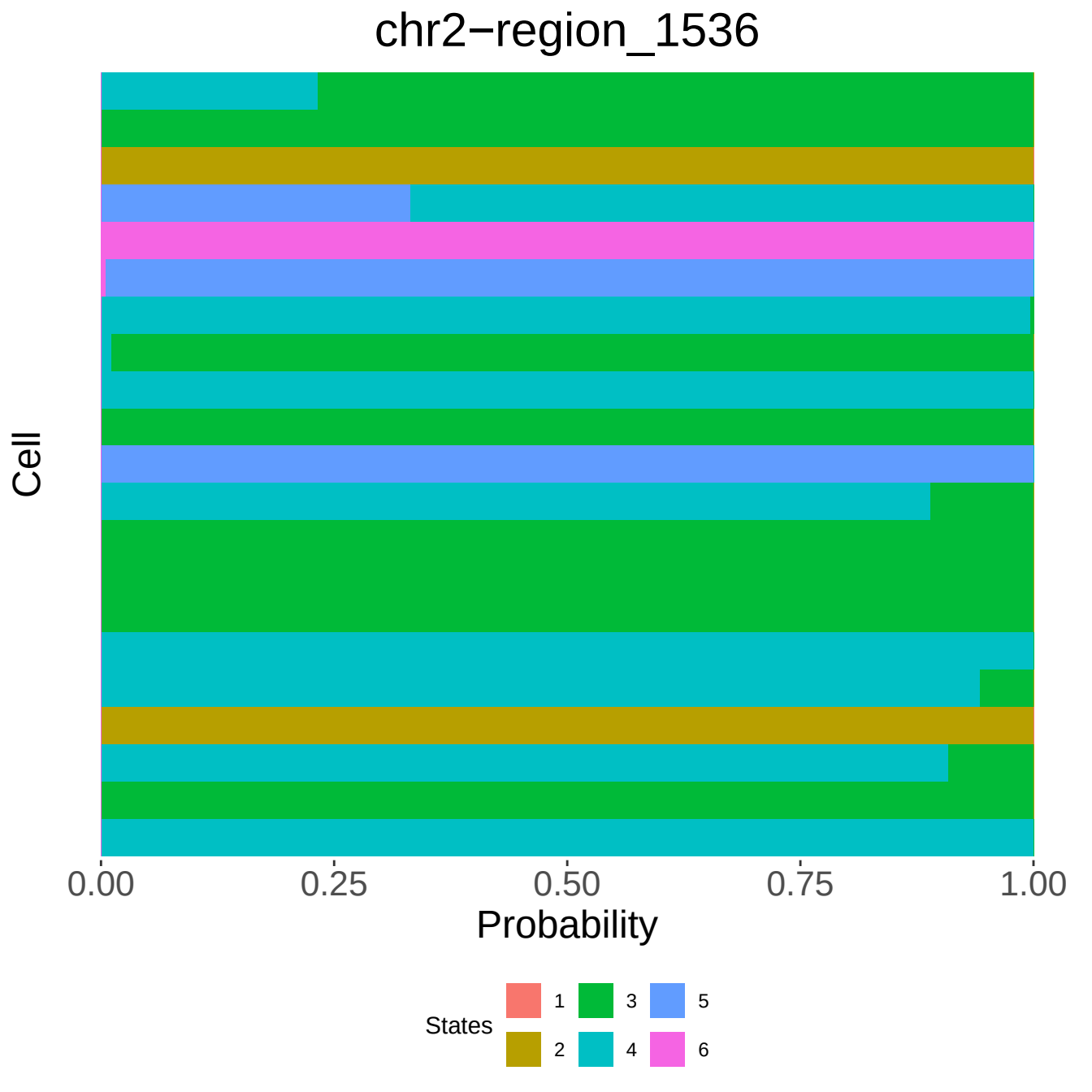
chr2−region_1536
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Probability
States
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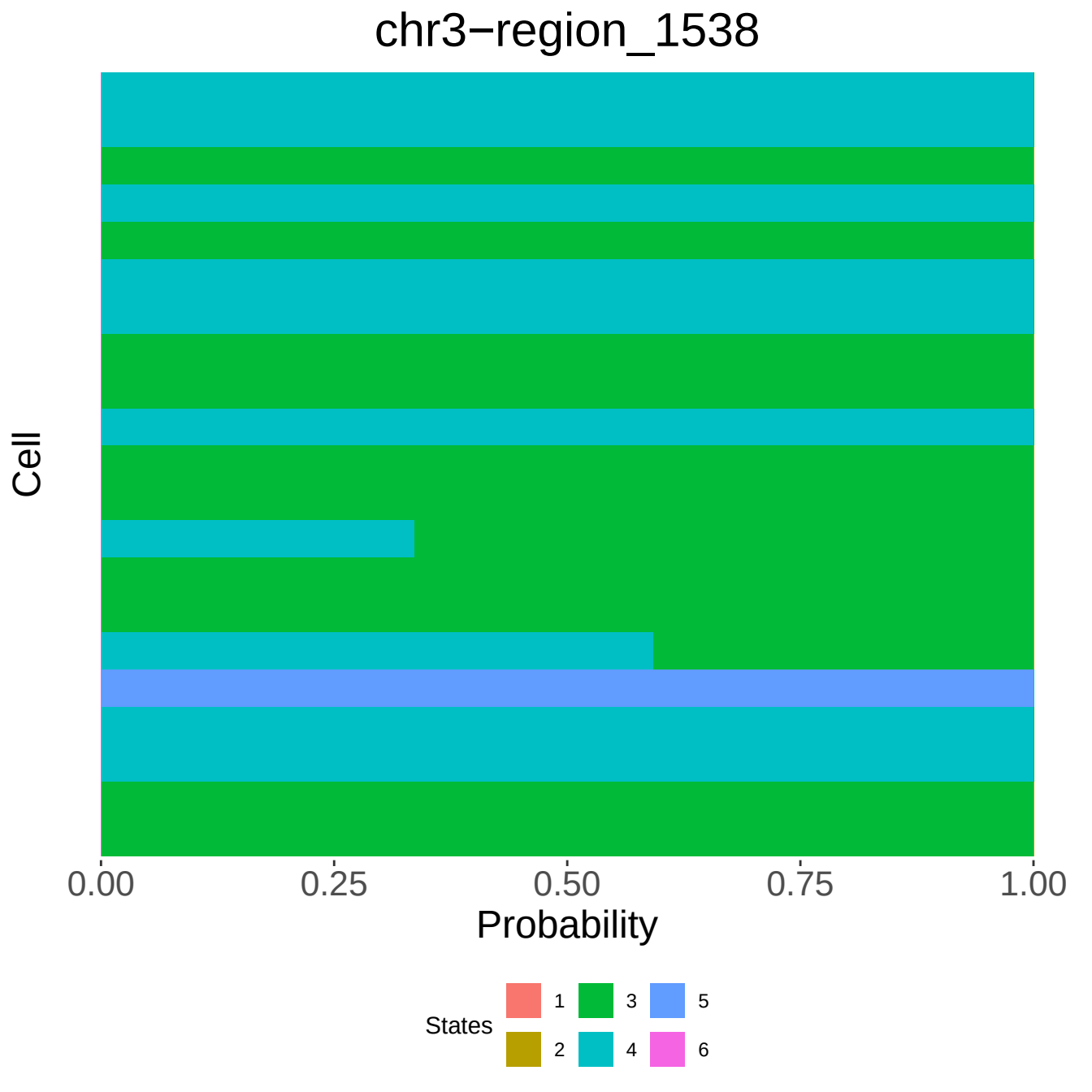
chr3−region_1538
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Probability
States
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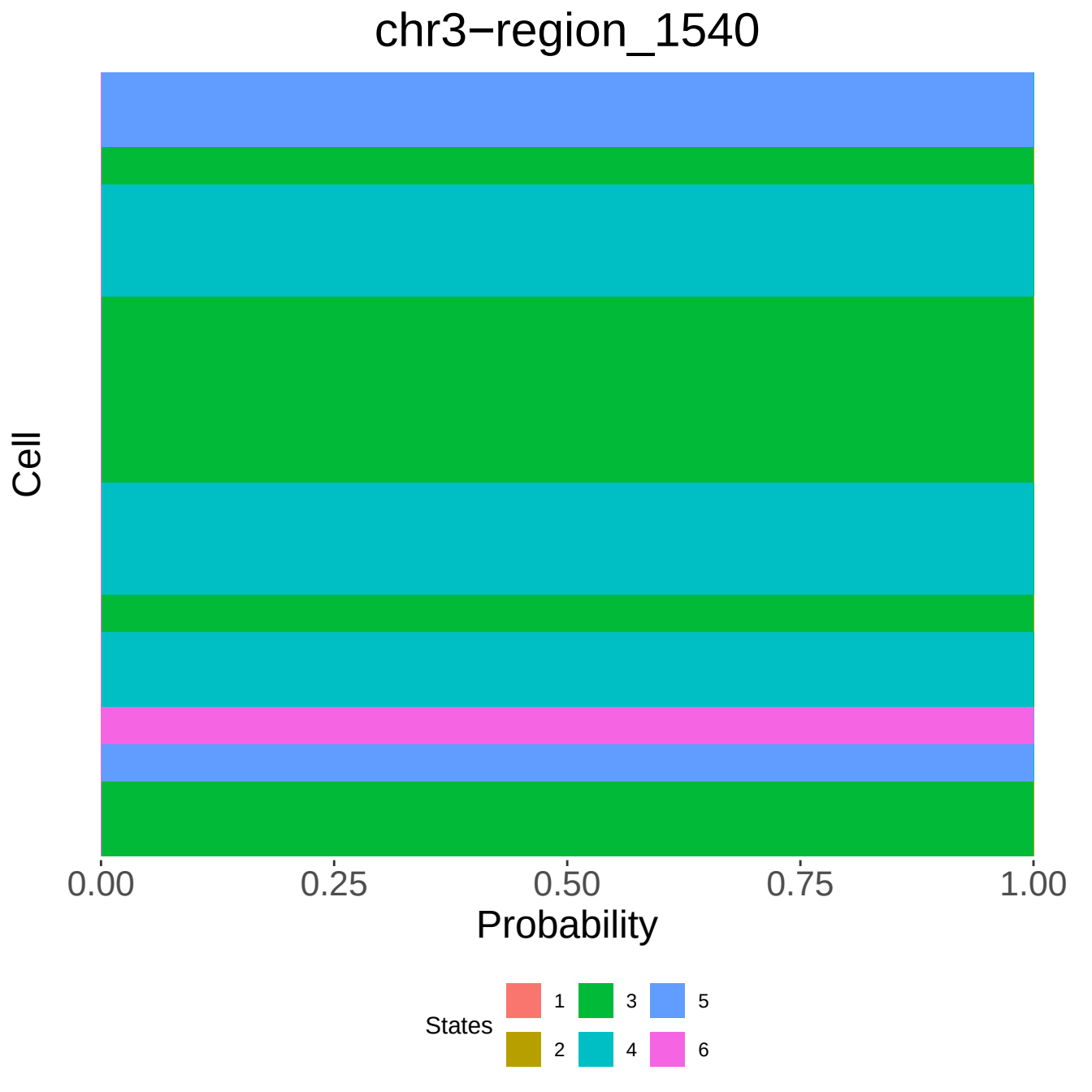
chr3−region_1540
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Probability
States
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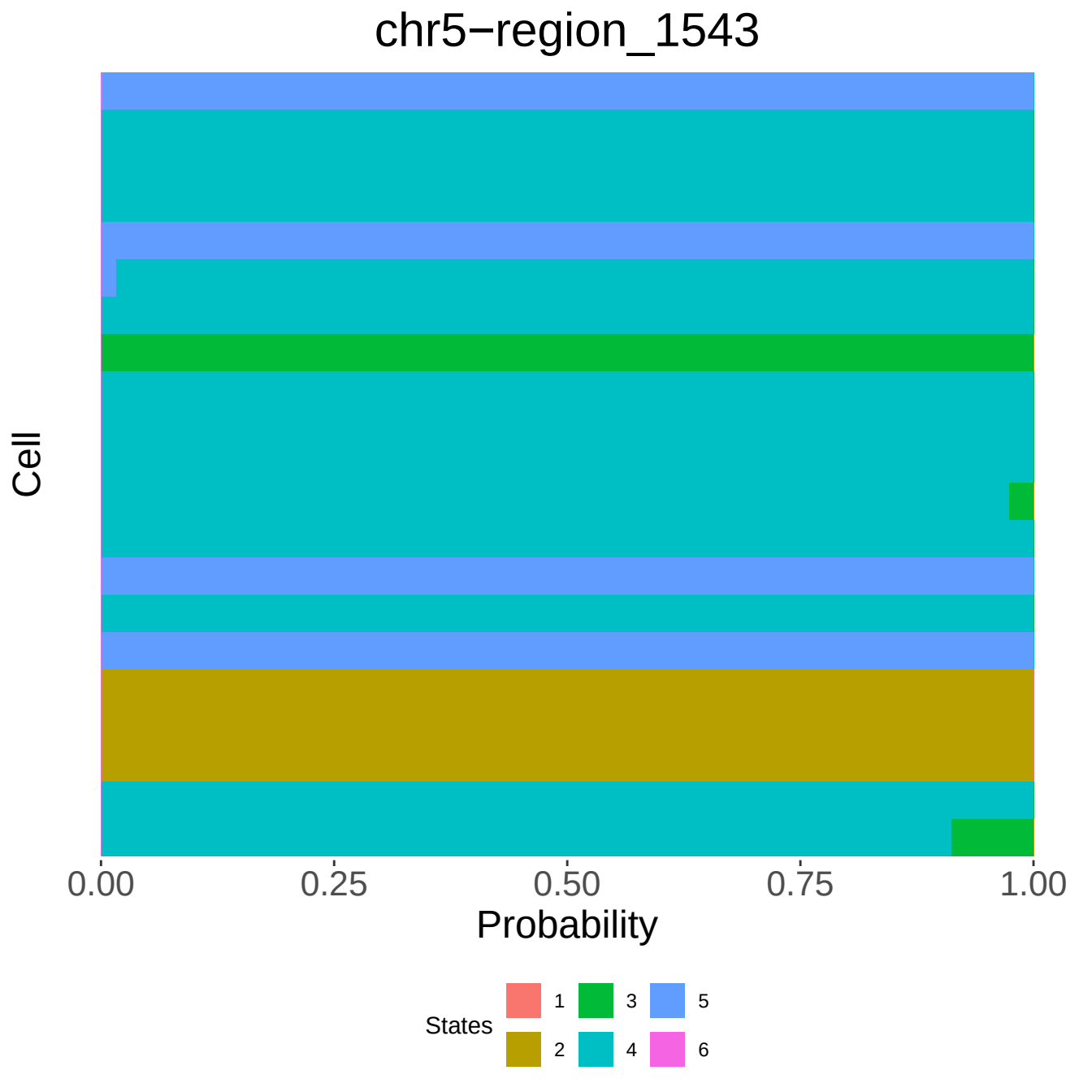
chr5−region_1543
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Probability
States
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3
4
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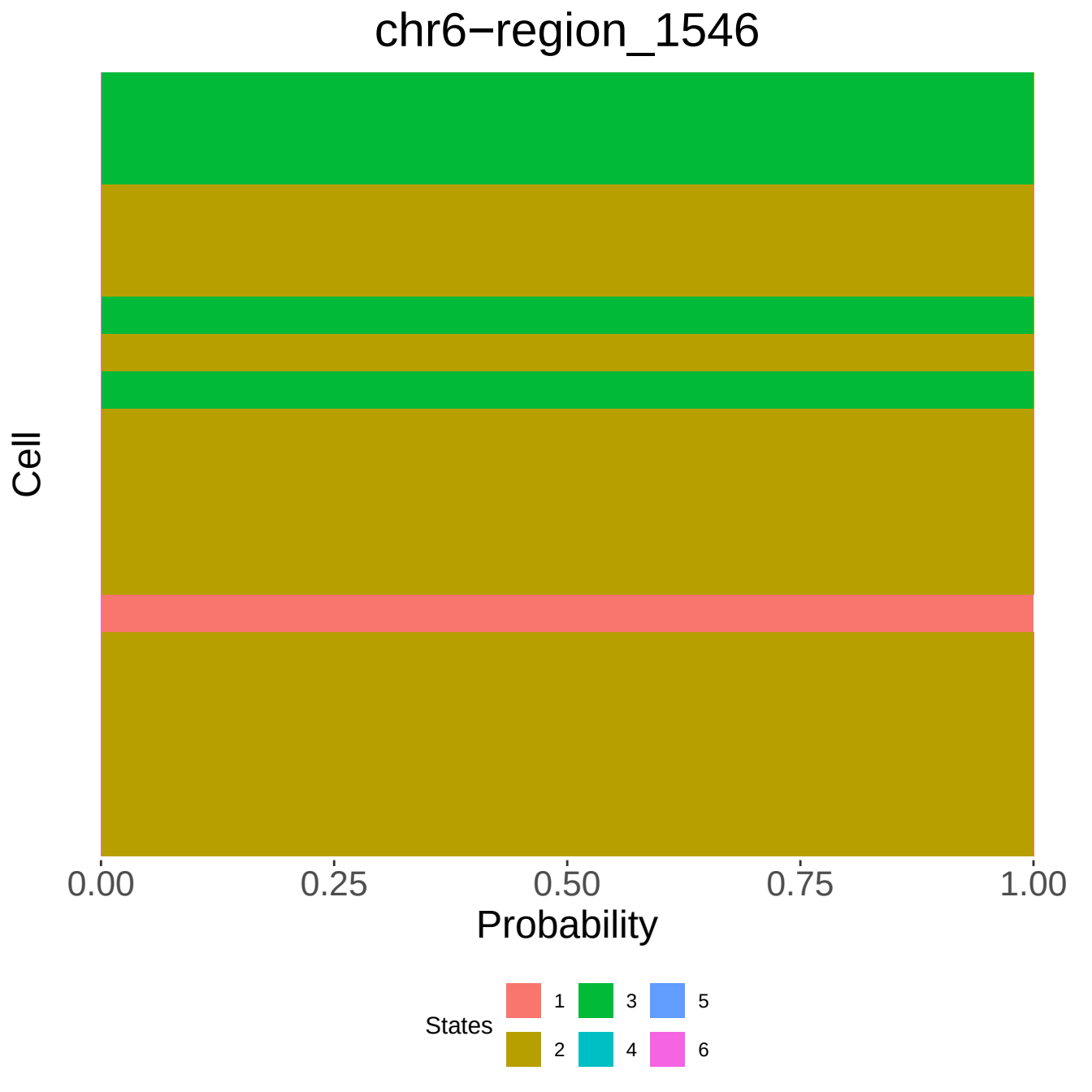
chr6−region_1546
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1.00
Probability
States
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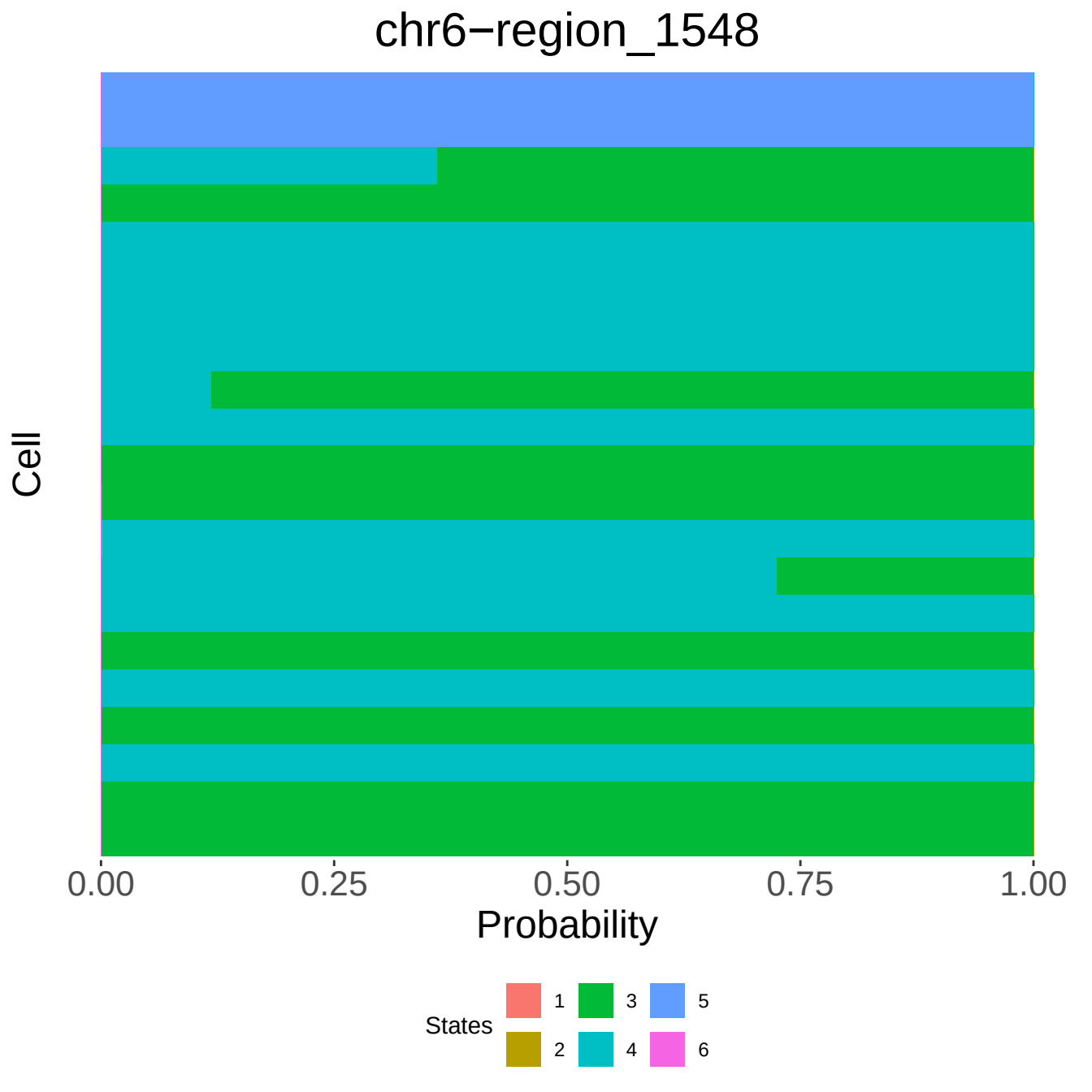
5
2
4
6


chr6−region_1548
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1.00
Probability
States
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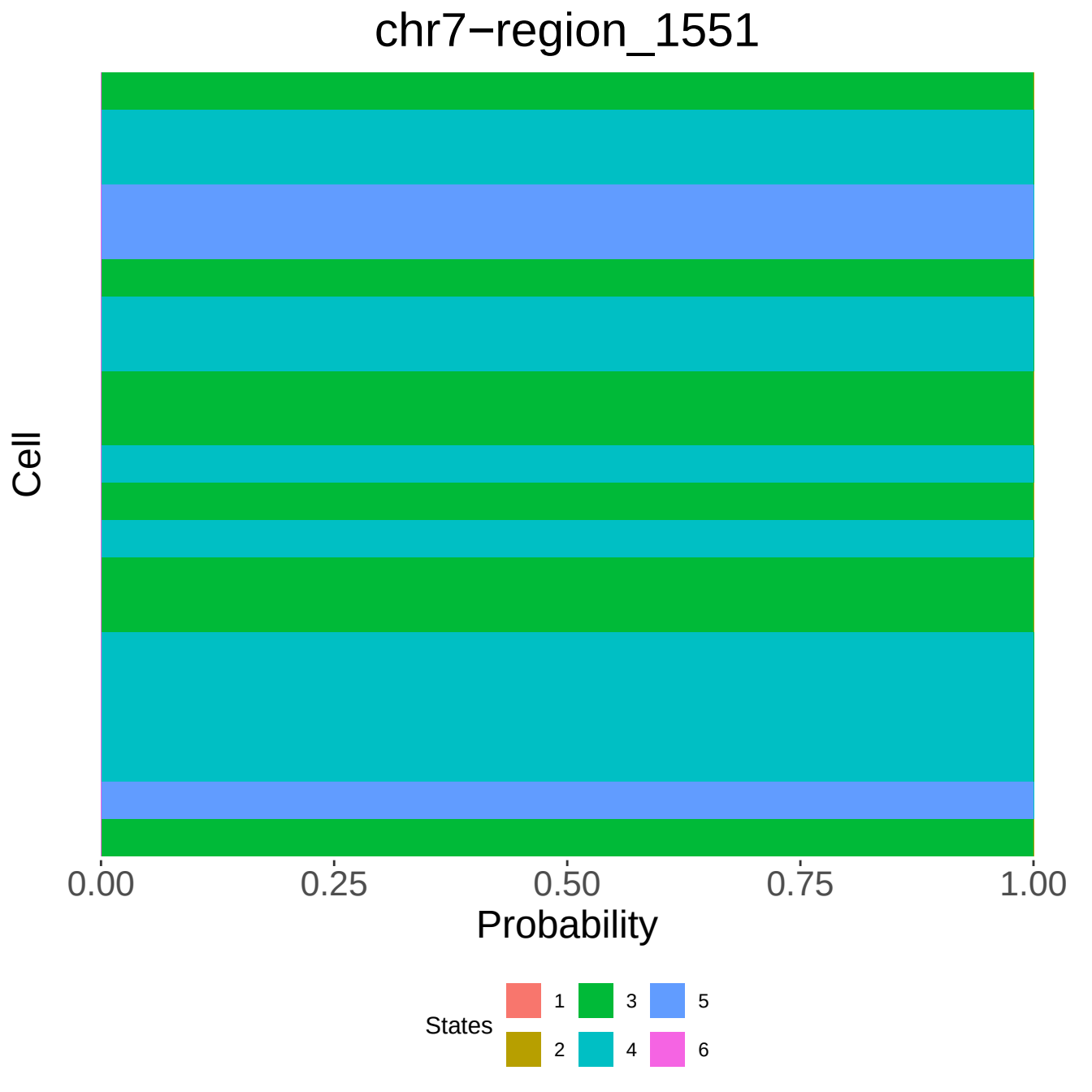
3
4
5
6


chr7−region_1551
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1.00
Probability
States
1
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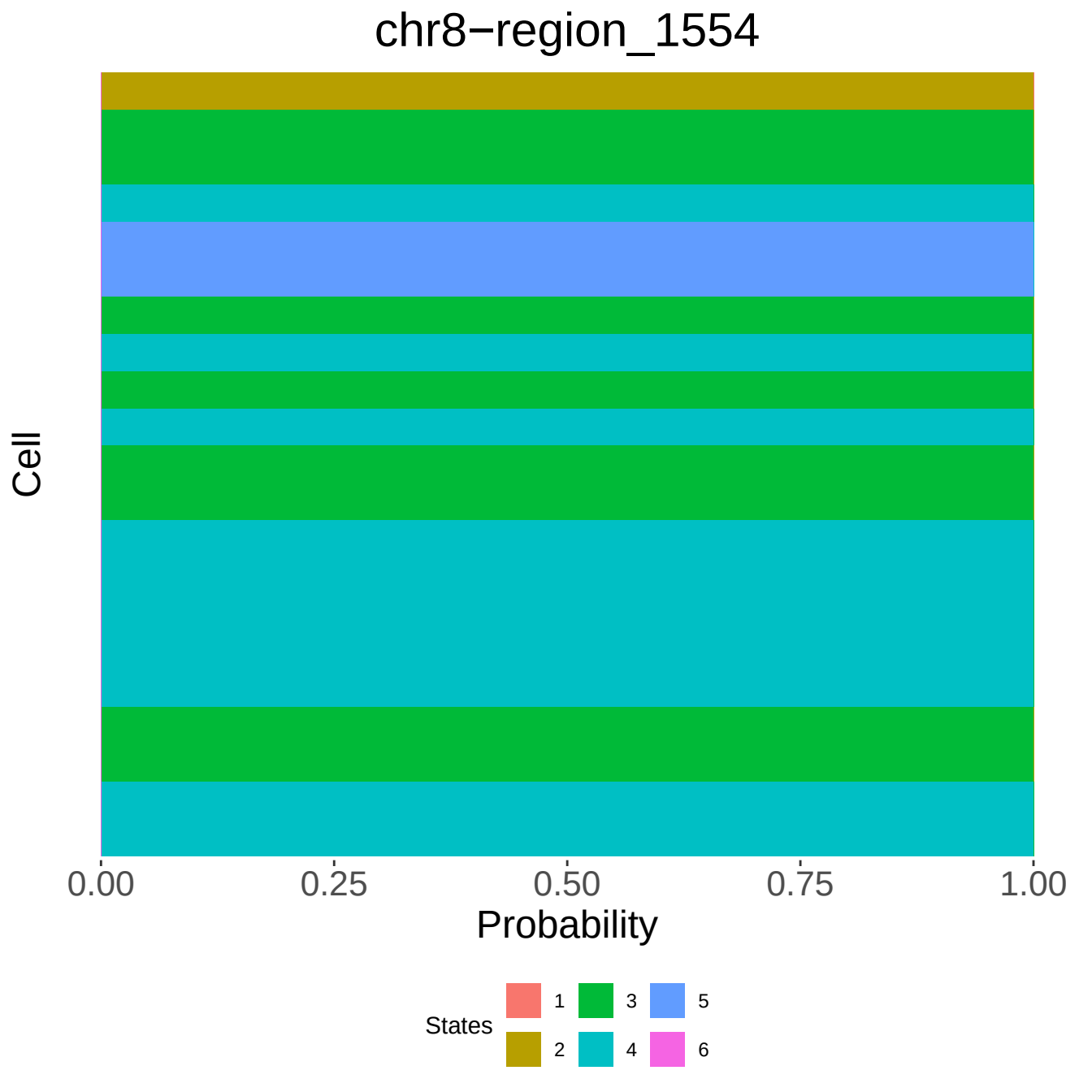
3
4
5
6


chr8−region_1554
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1.00
Probability
States
1
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3
4
5
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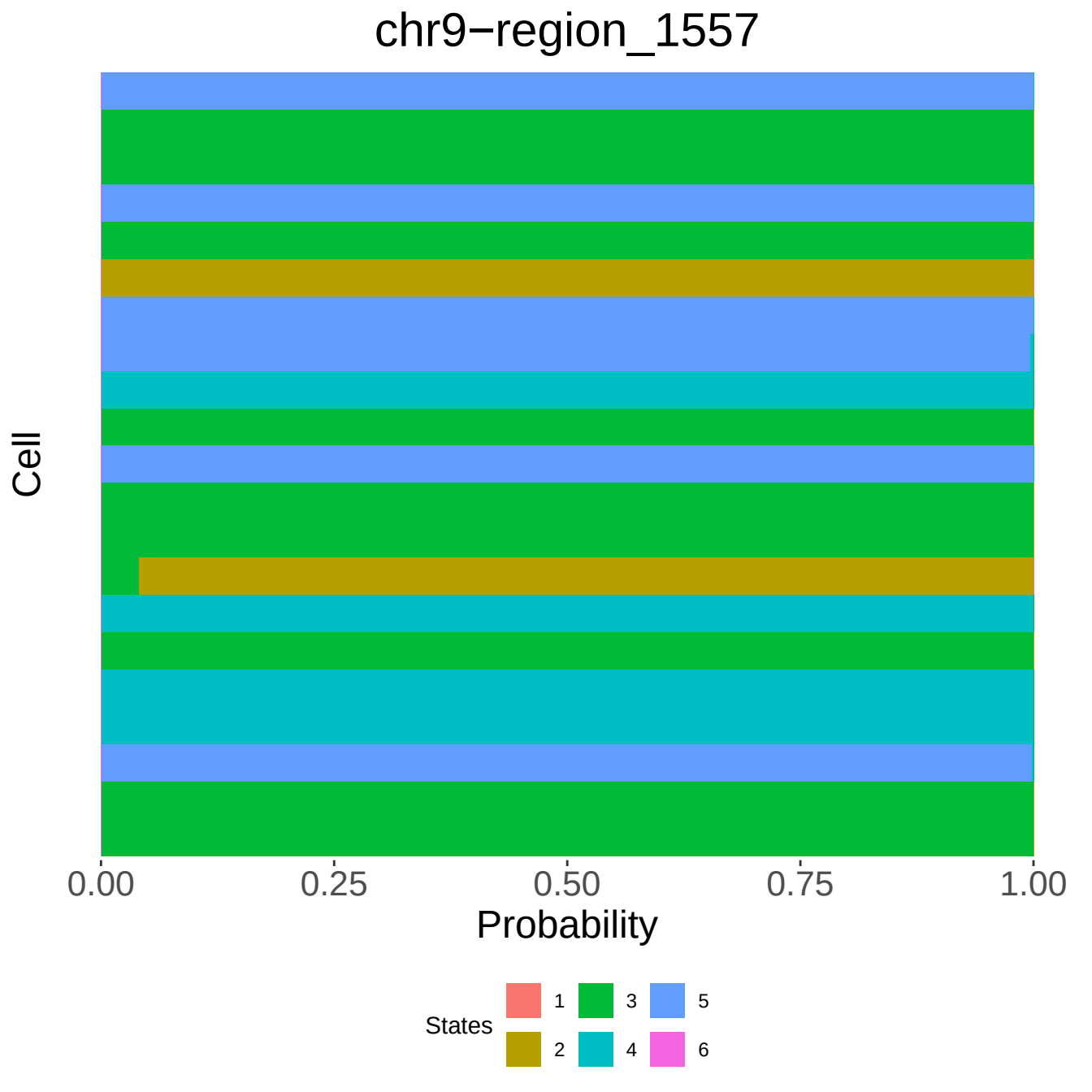
chr9−region_1557
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Probability
States
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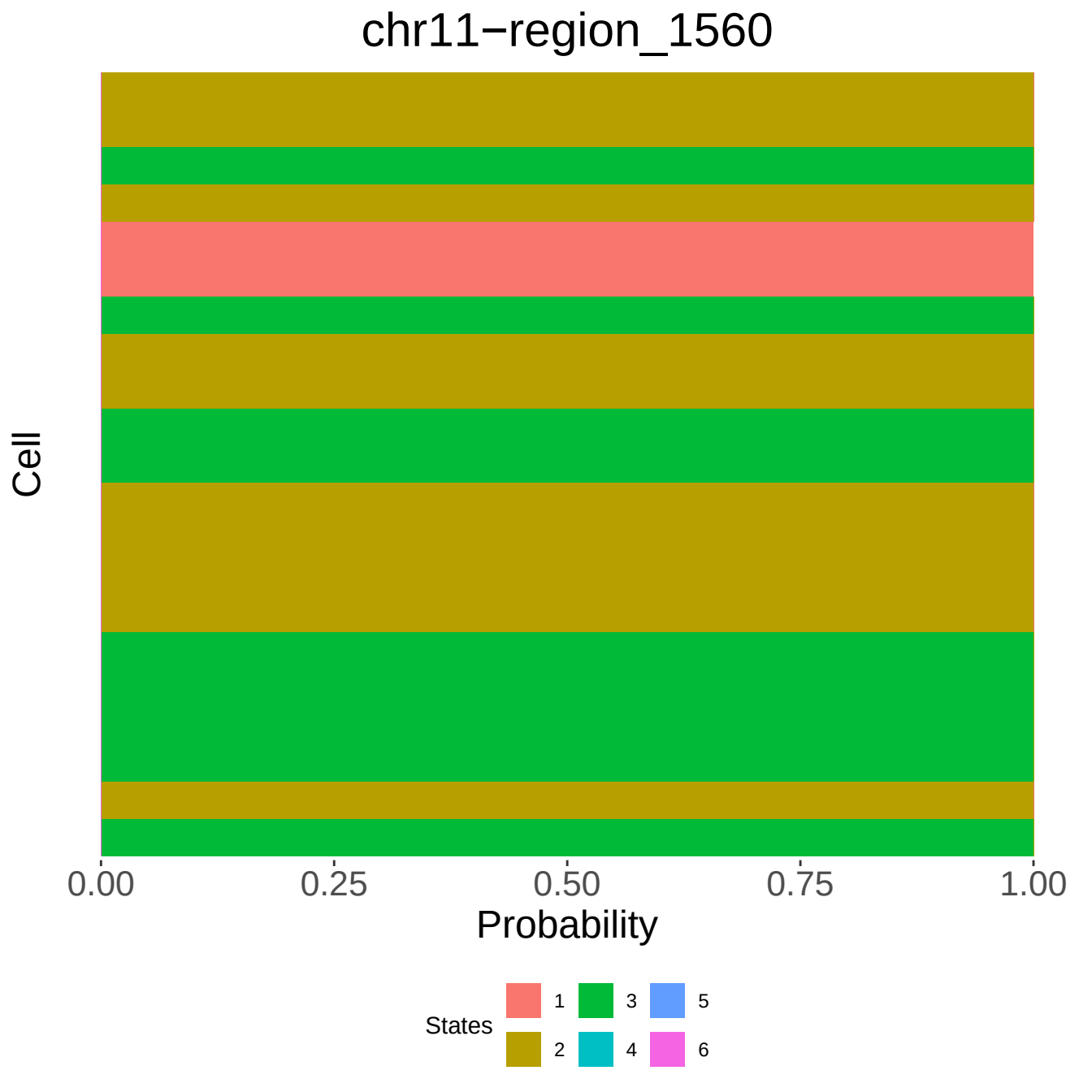
chr11−region_1560
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Probability
States
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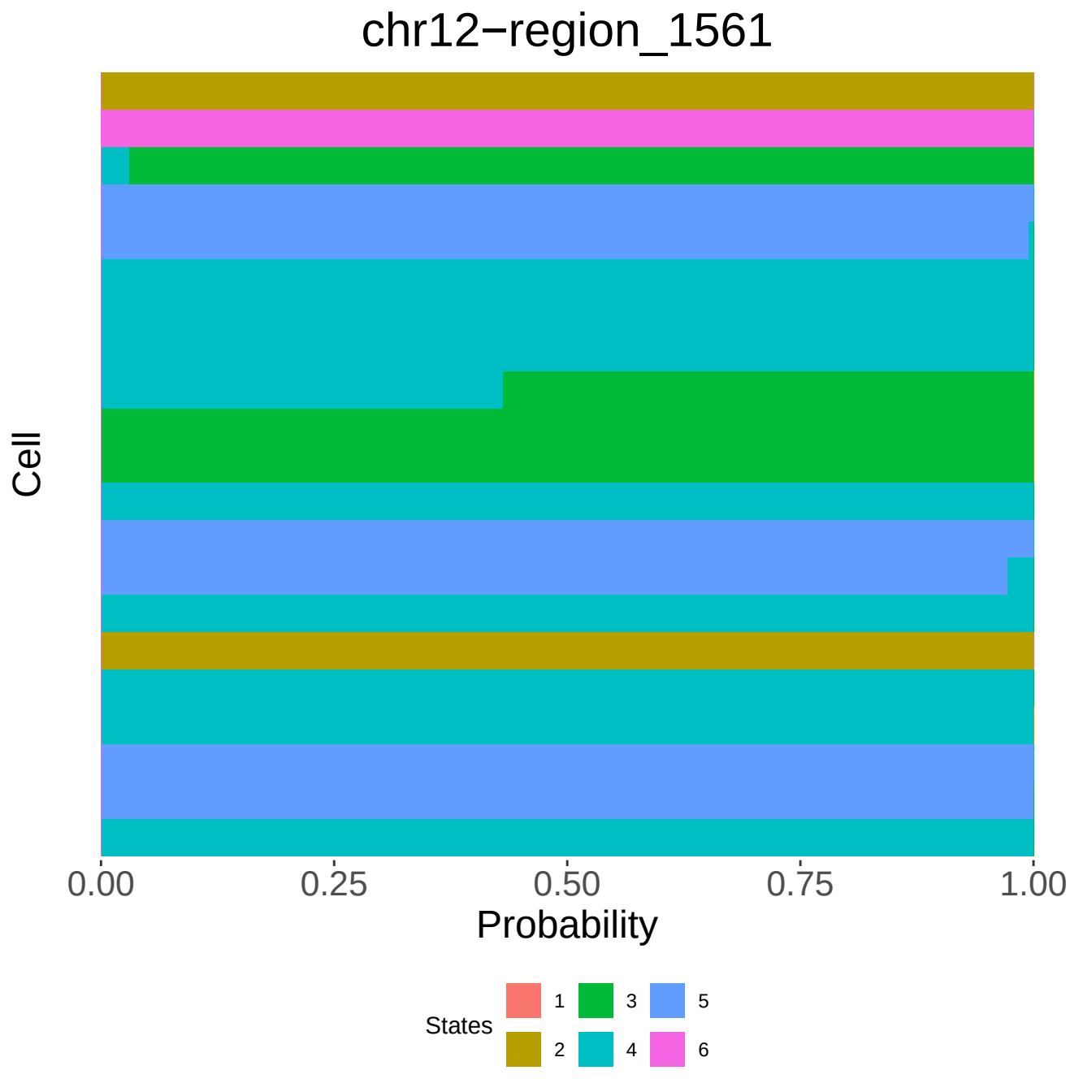
chr12−region_1561
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Probability
States
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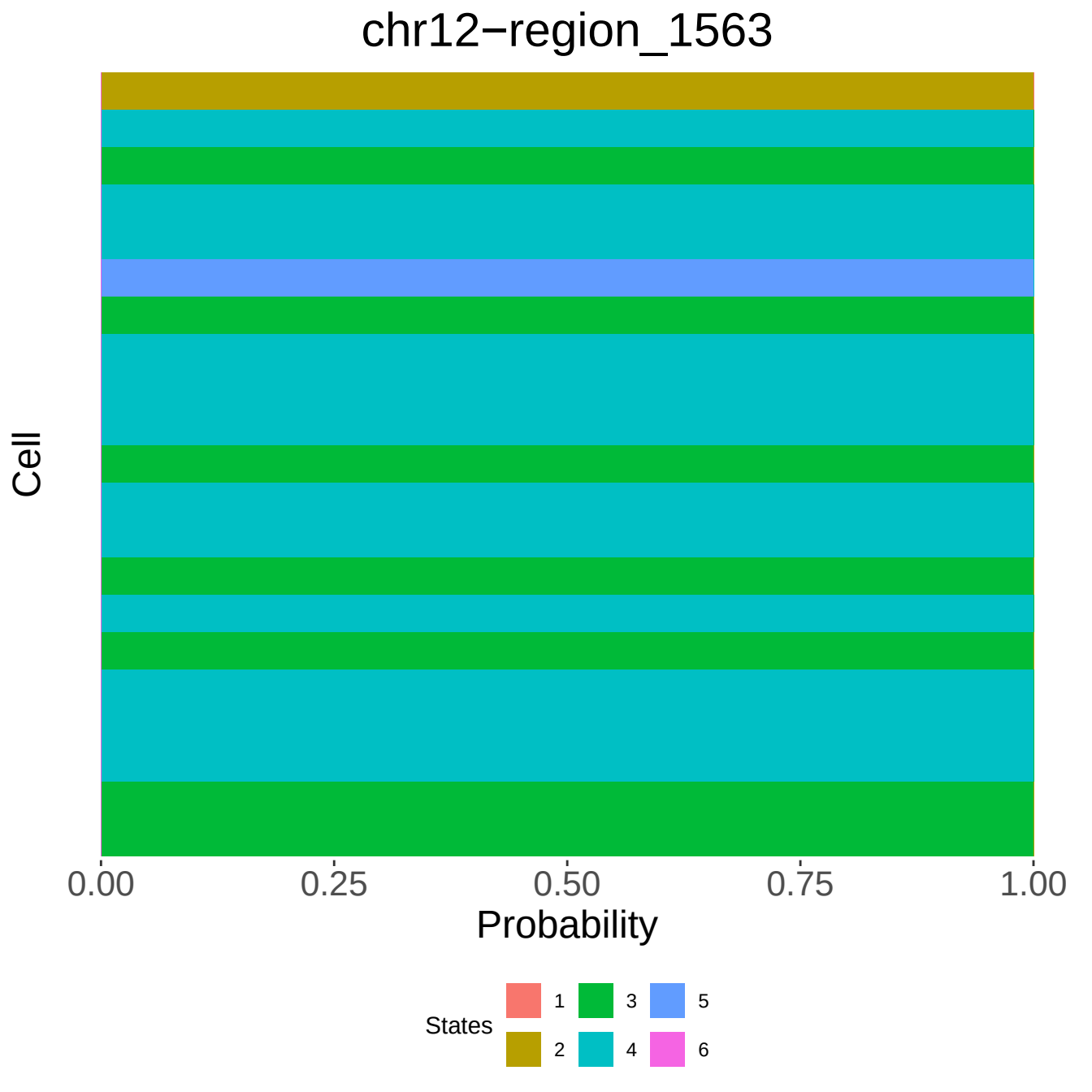
chr12−region_1563
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Probability
States
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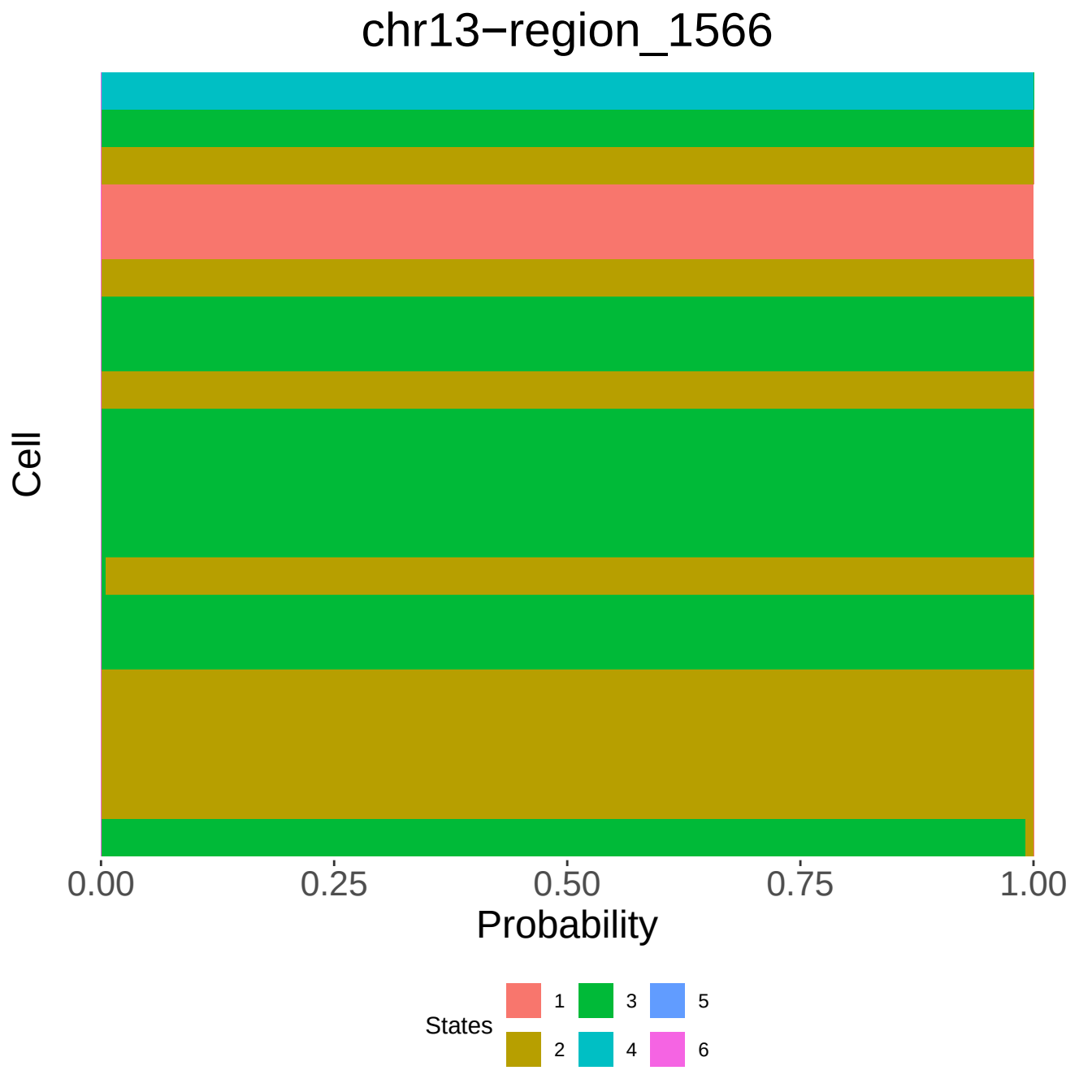
chr13−region_1566
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Probability
States
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2
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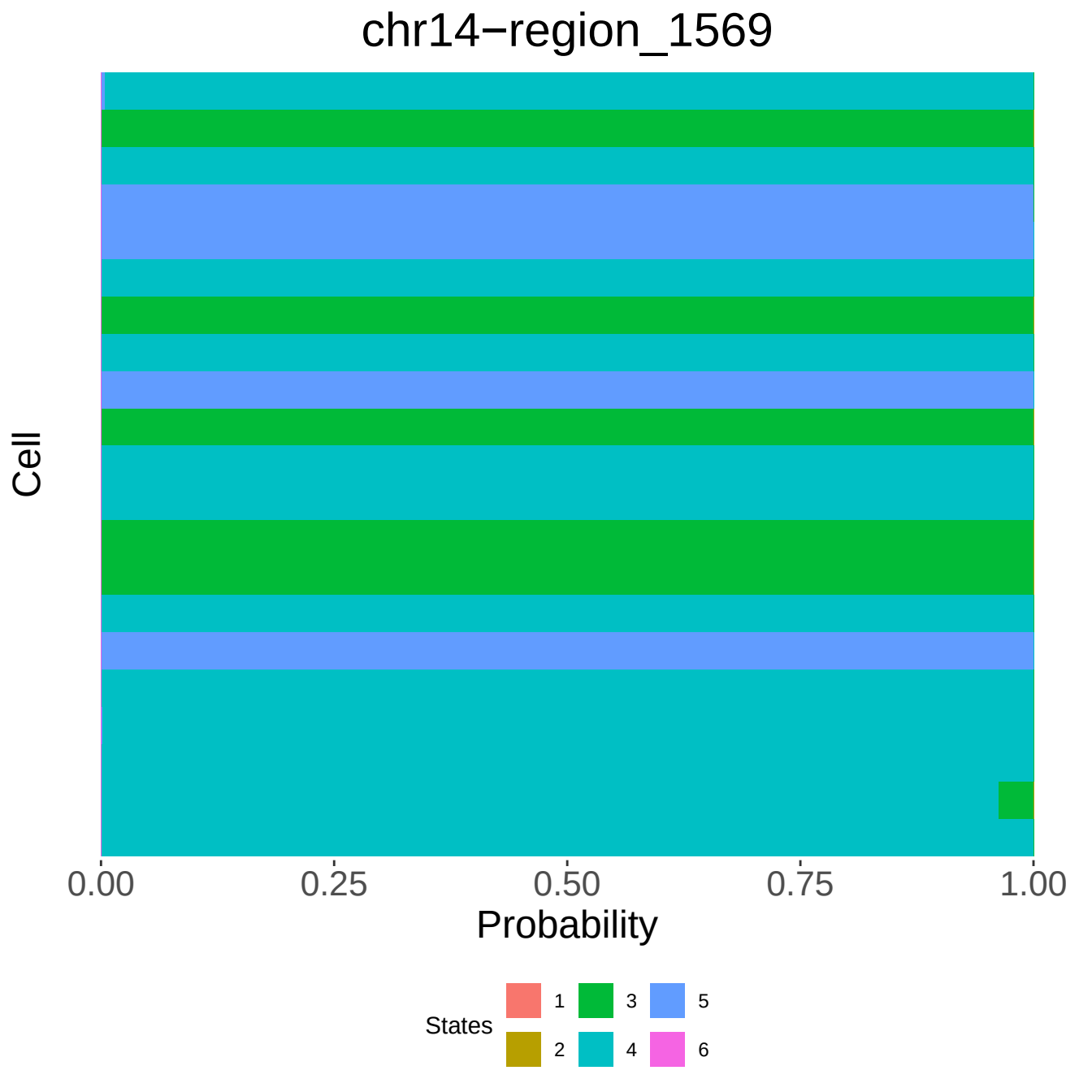
chr14−region_1569
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Probability
States
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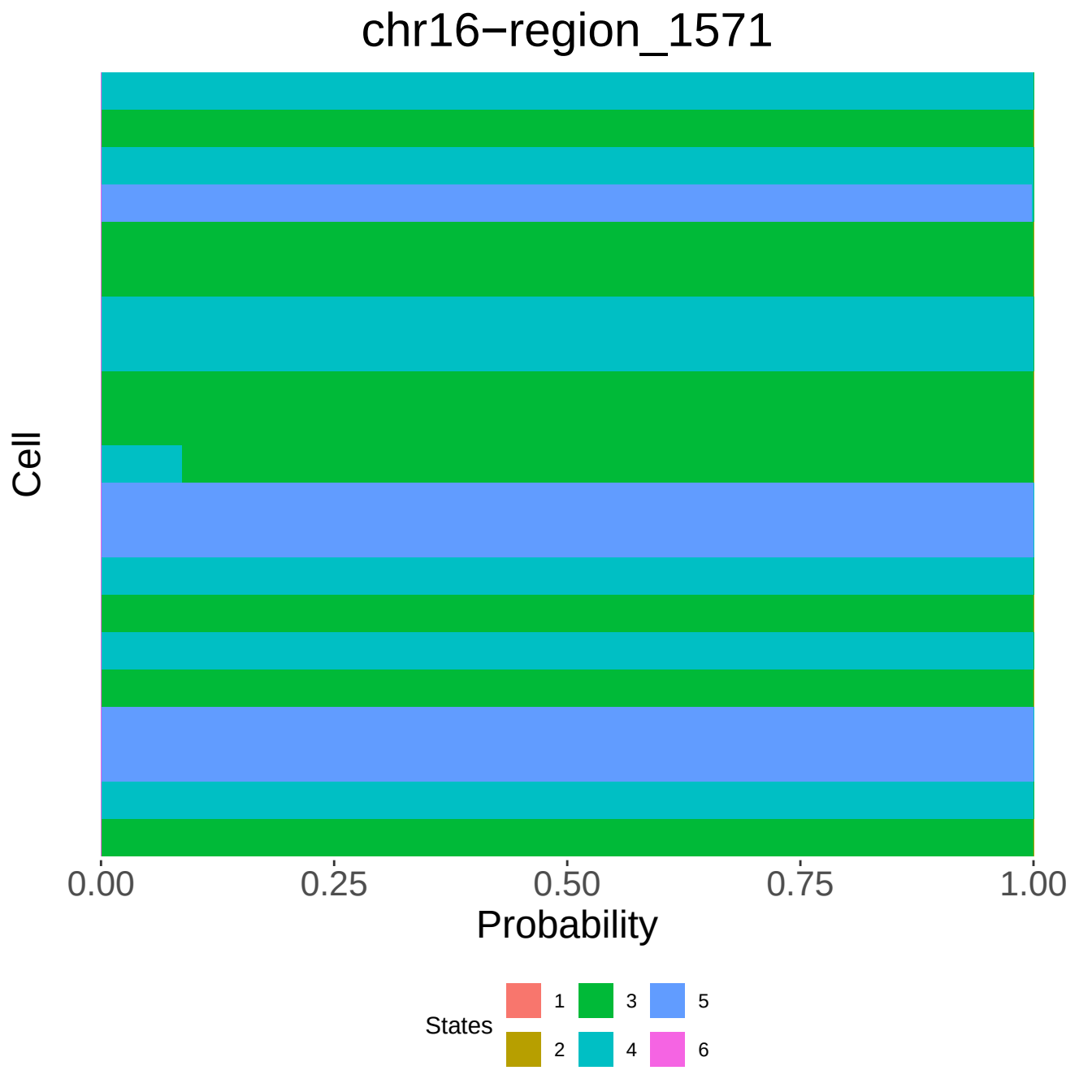
chr16−region_1571
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Probability
States
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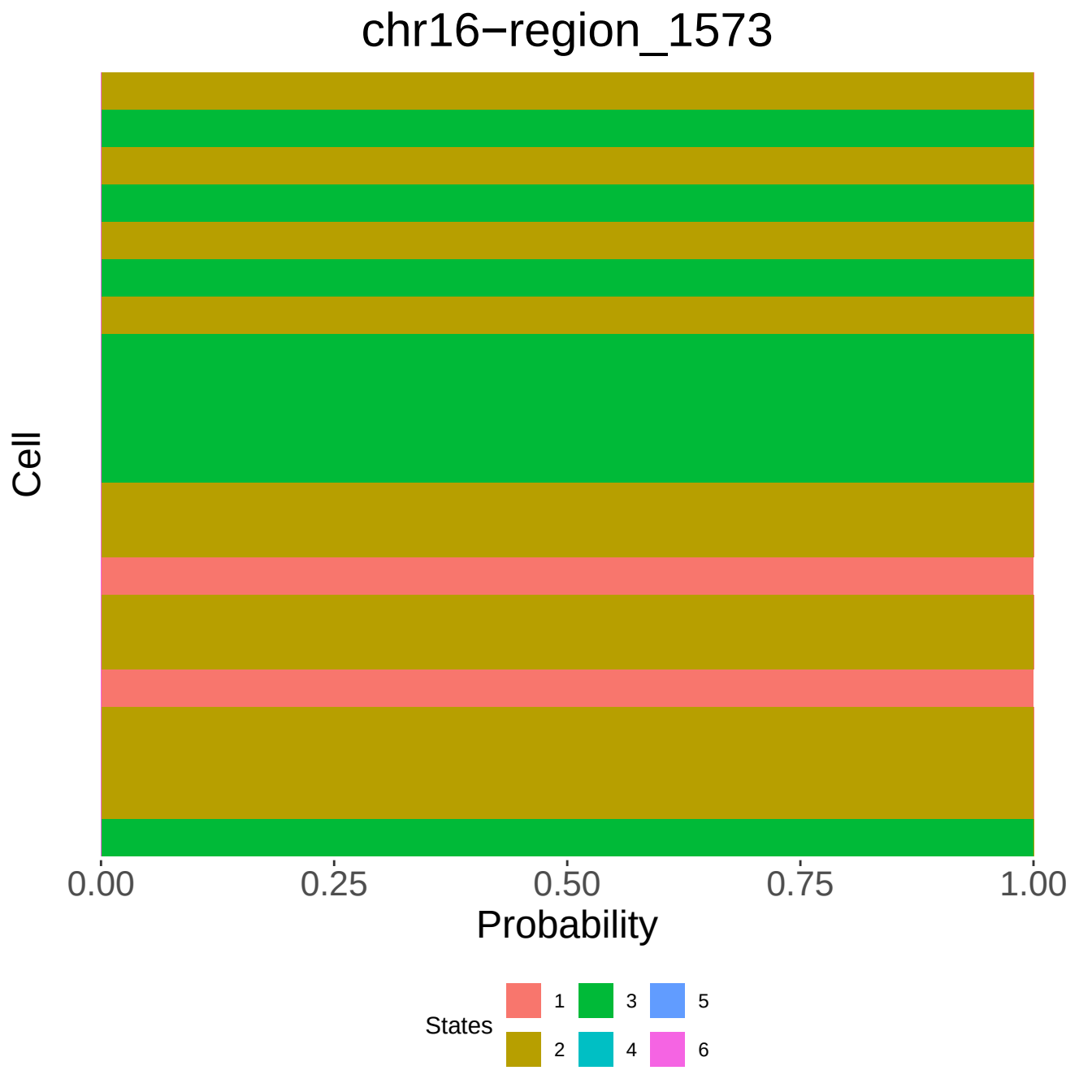
chr16−region_1573
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Probability
States
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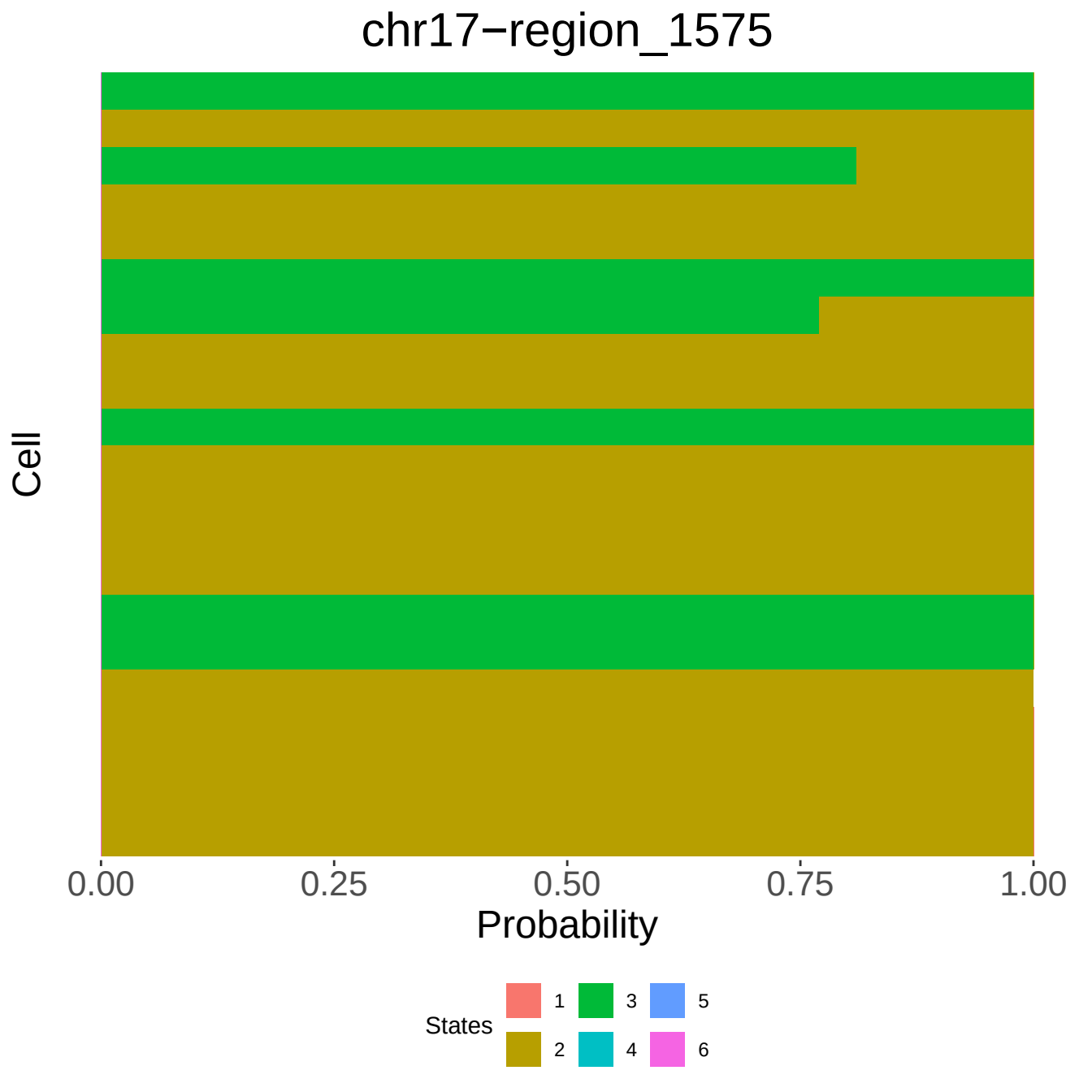
chr17−region_1575
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Probability
States
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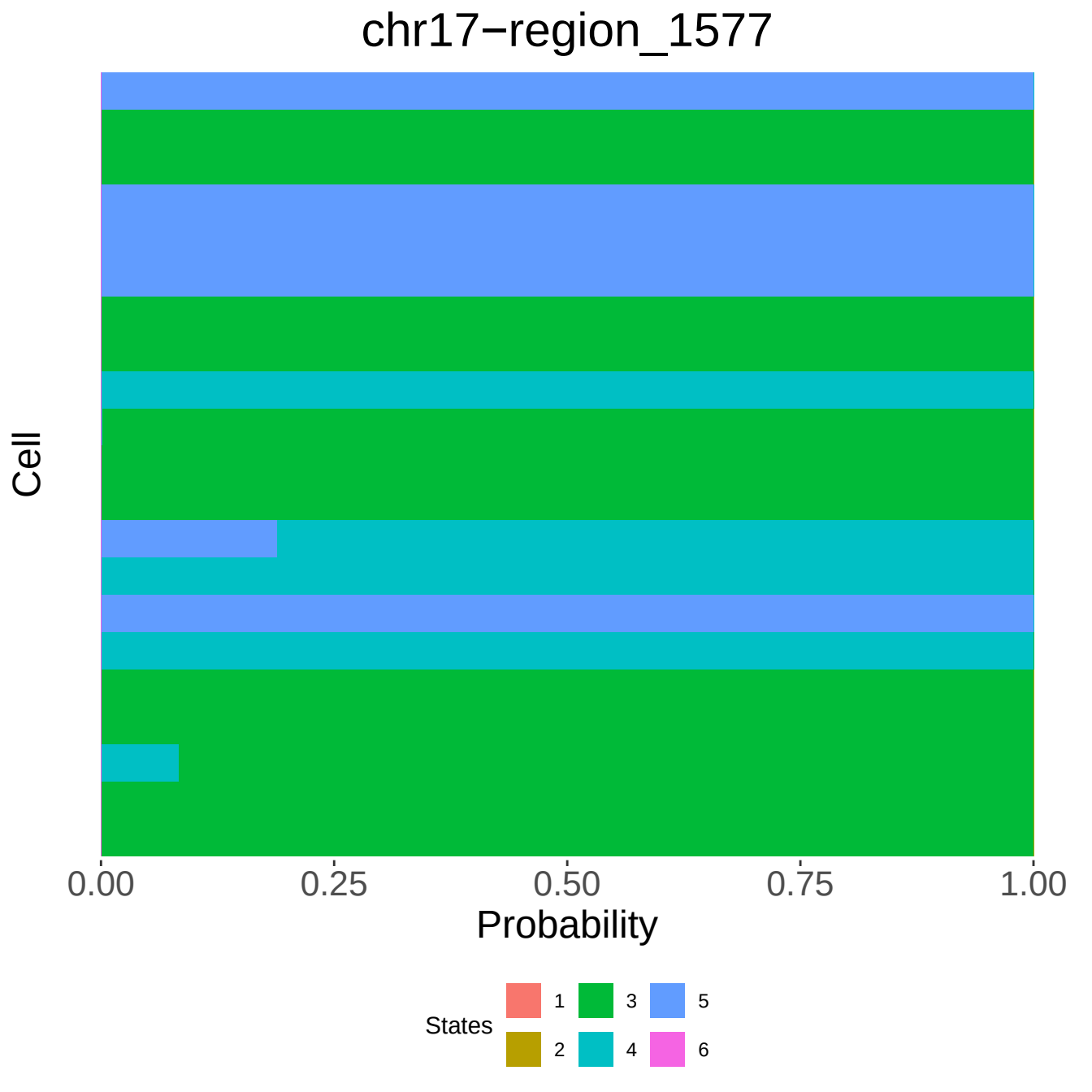
5
6


chr17−region_1577
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Probability
States
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5
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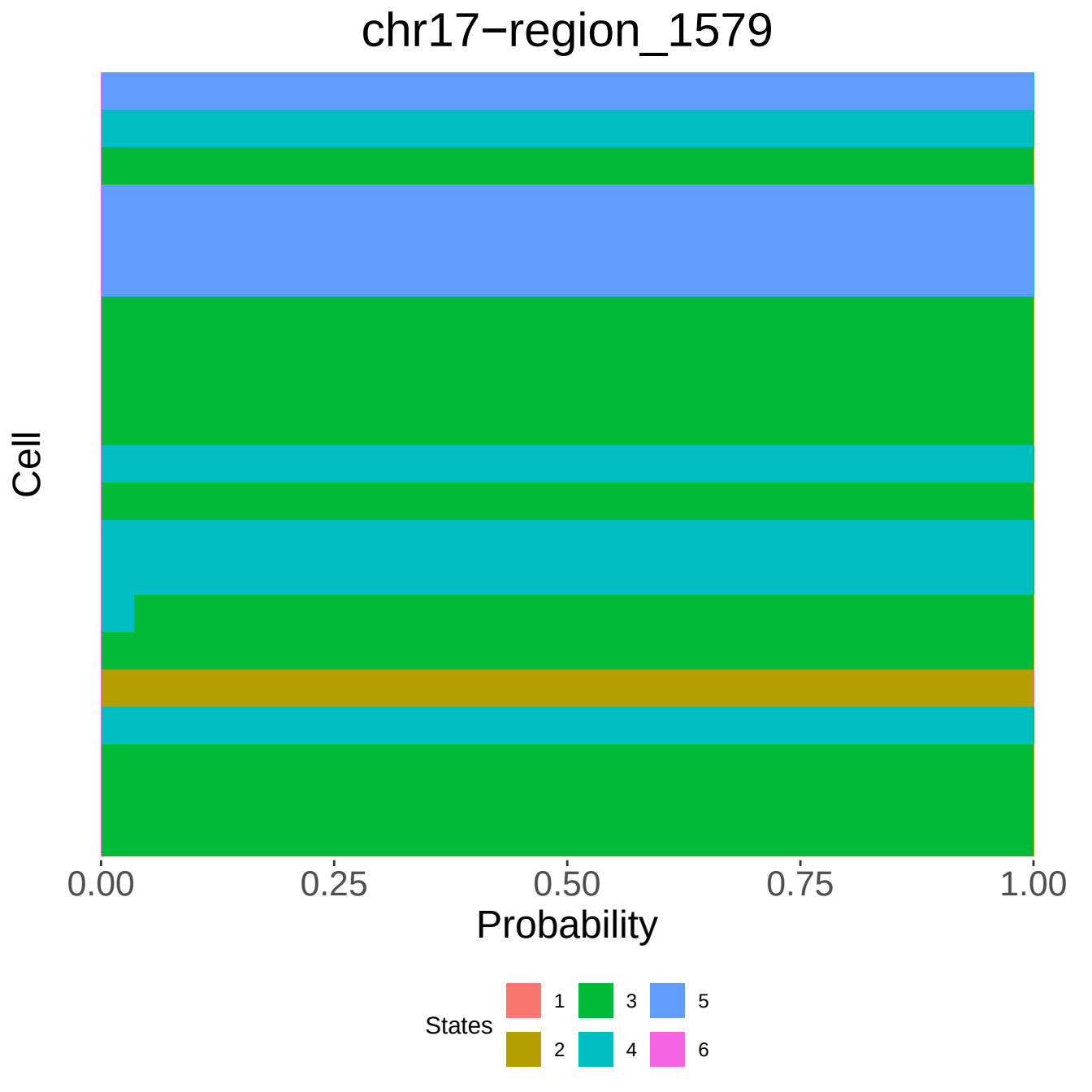
chr17−region_1579
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Probability
States
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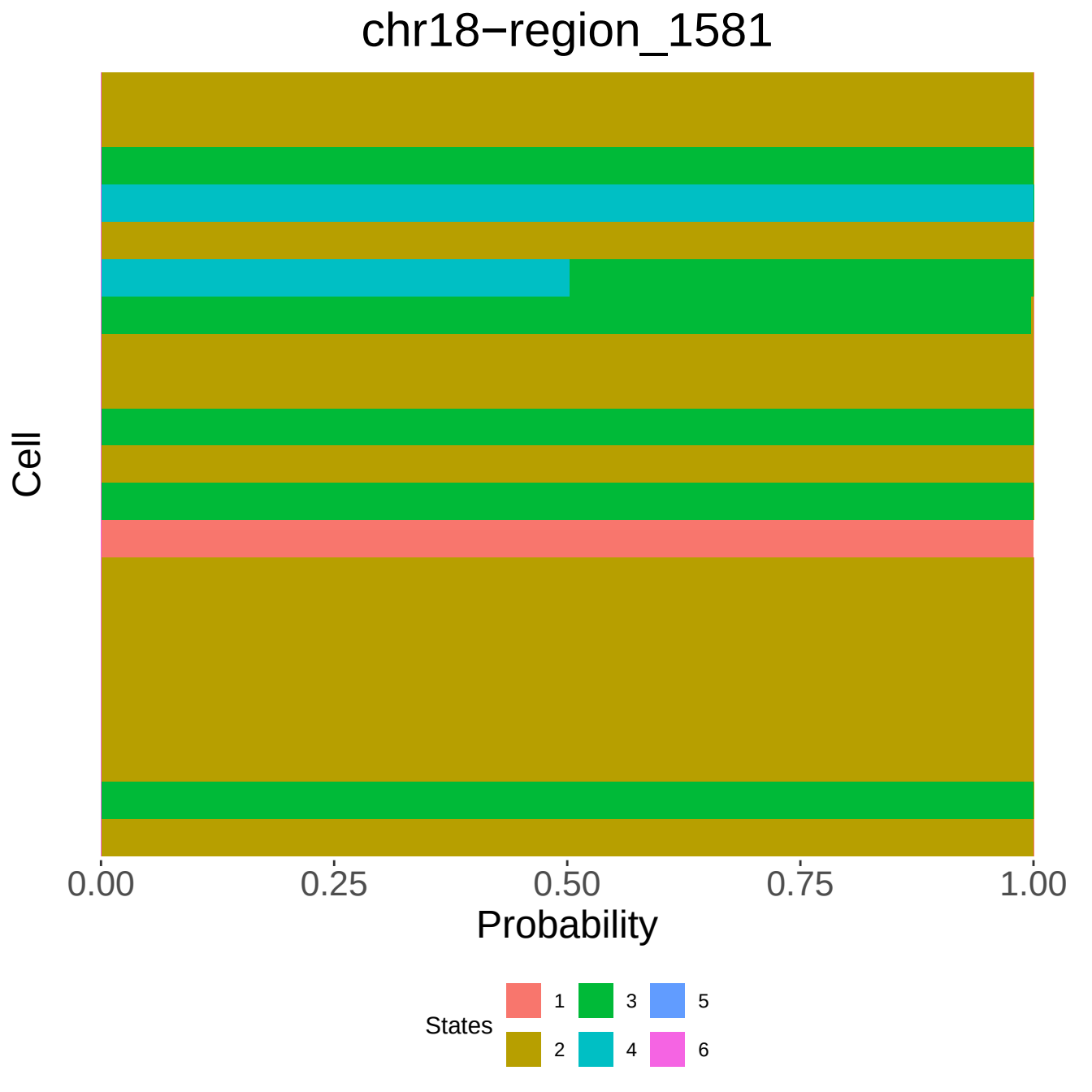
chr18−region_1581
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Probability
States
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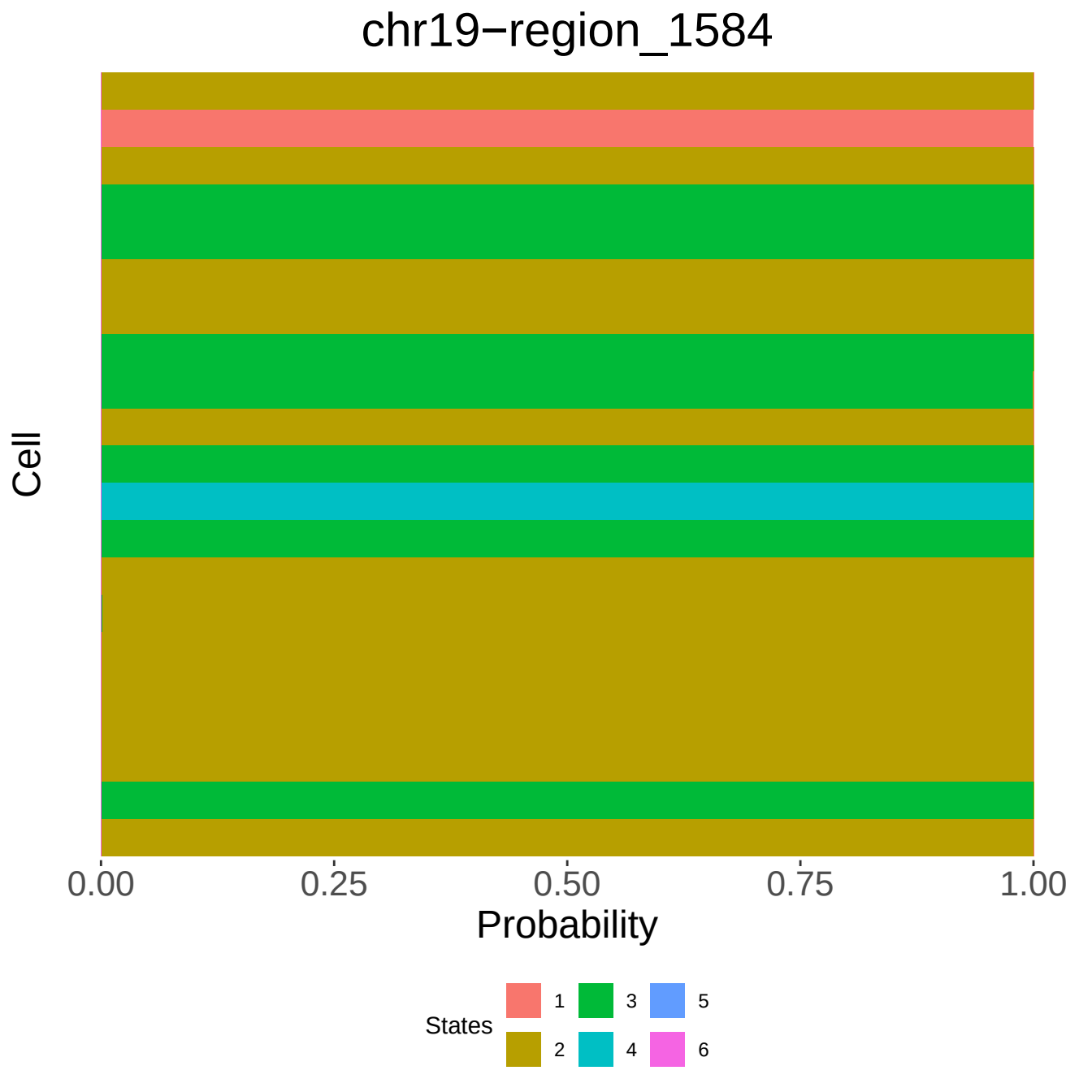
chr19−region_1584
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Probability
States
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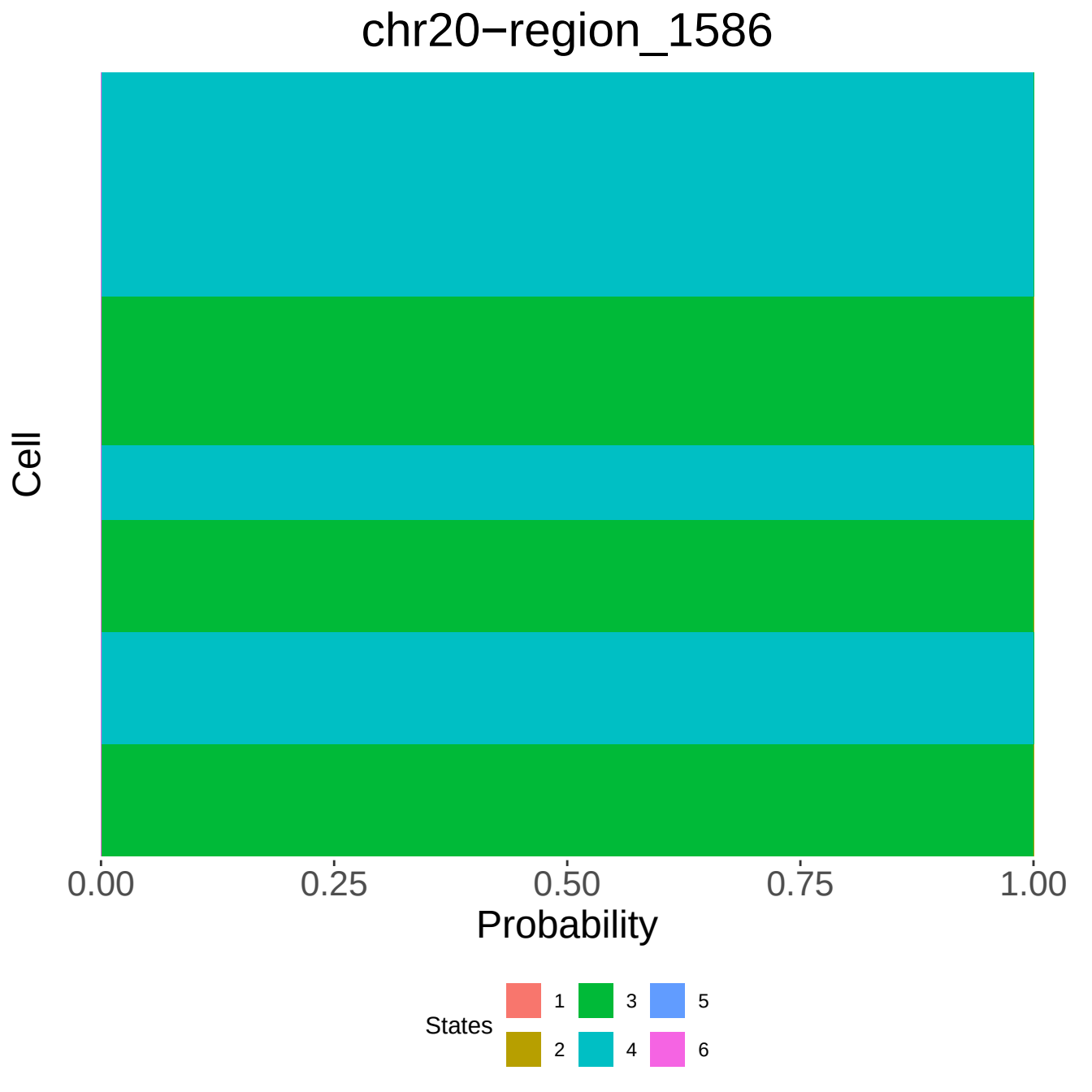
chr20−region_1586
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Probability
States
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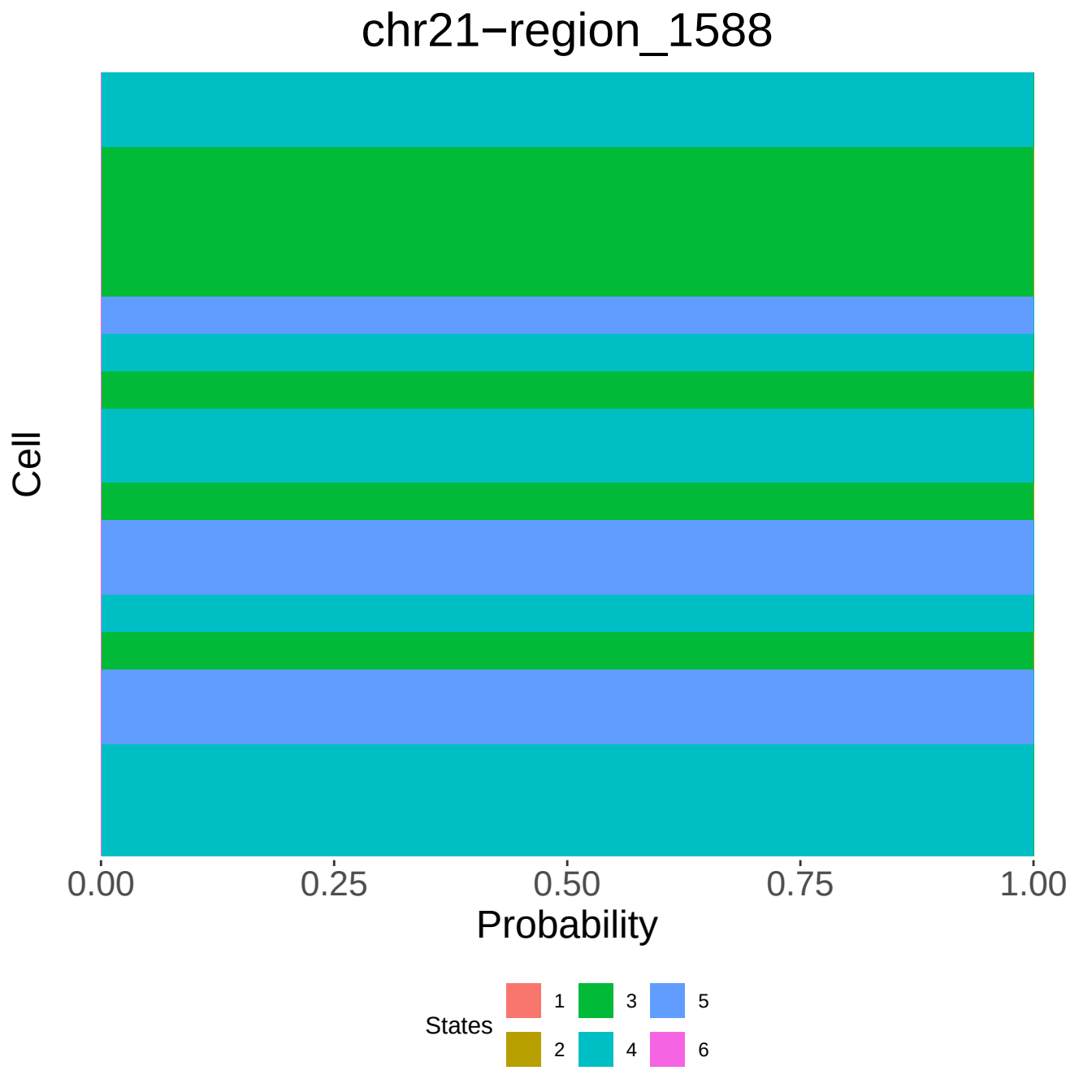
chr21−region_1588
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Probability
States
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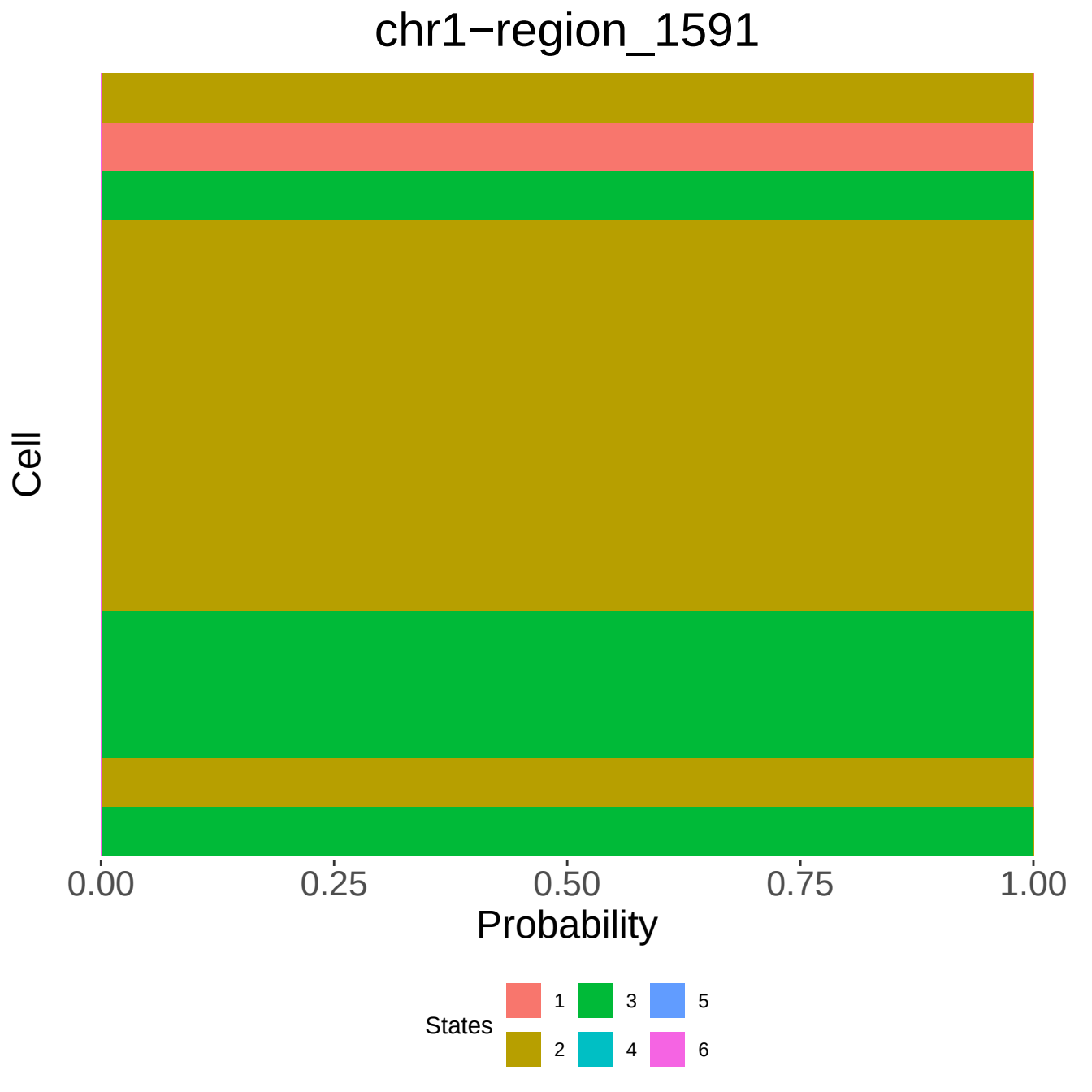
chr1−region_1591
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Probability
States
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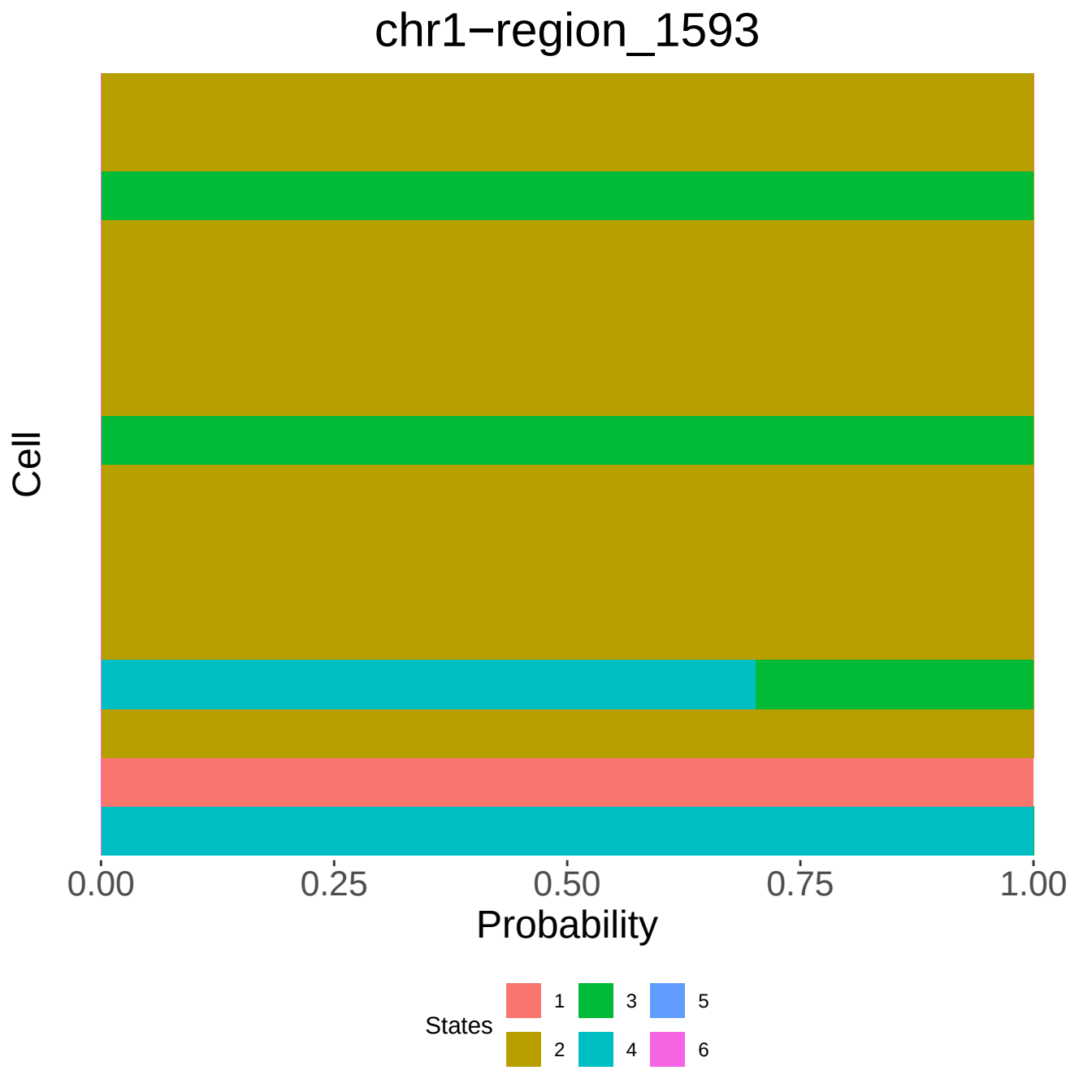
chr1−region_1593
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Probability
States
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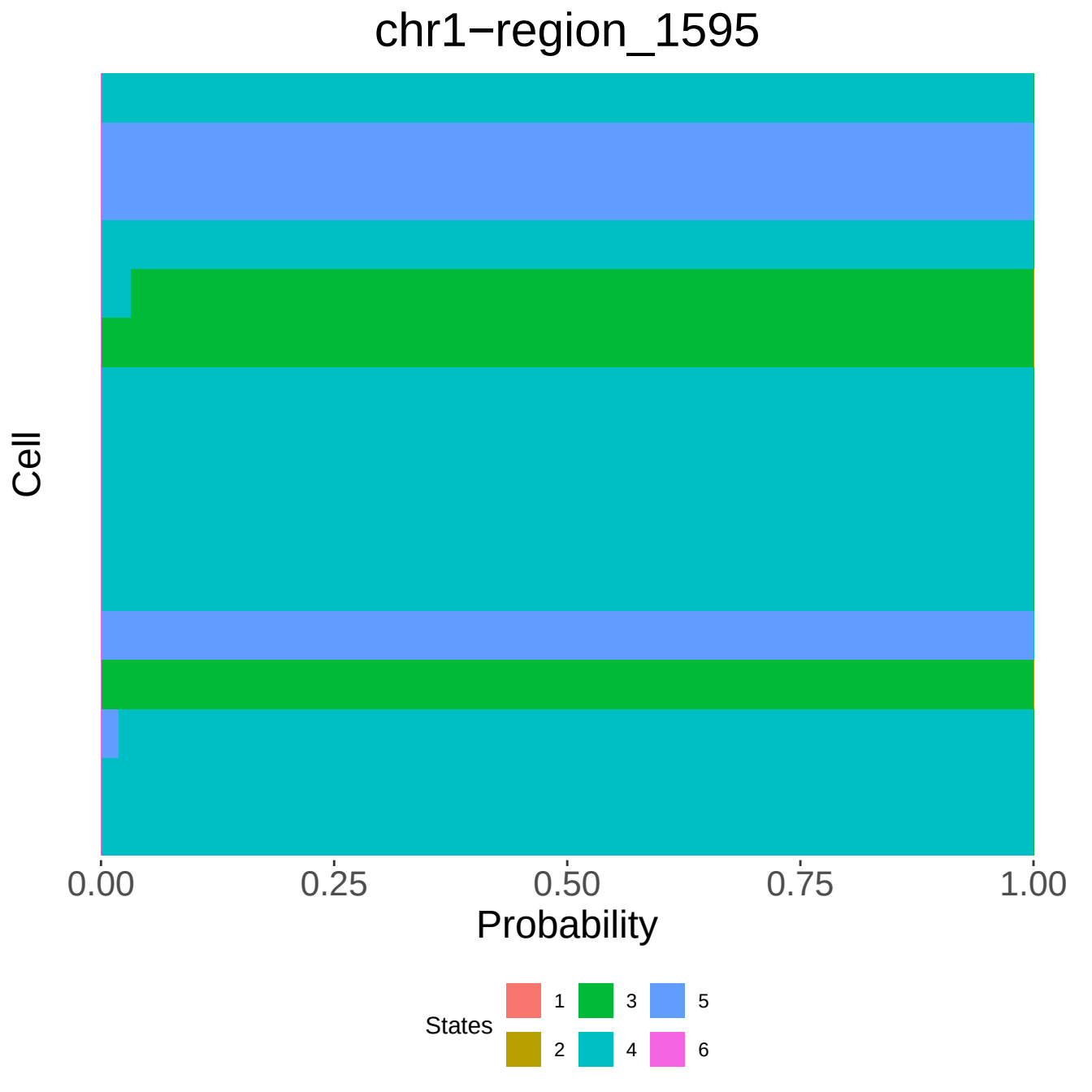
chr1−region_1595
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Probability
States
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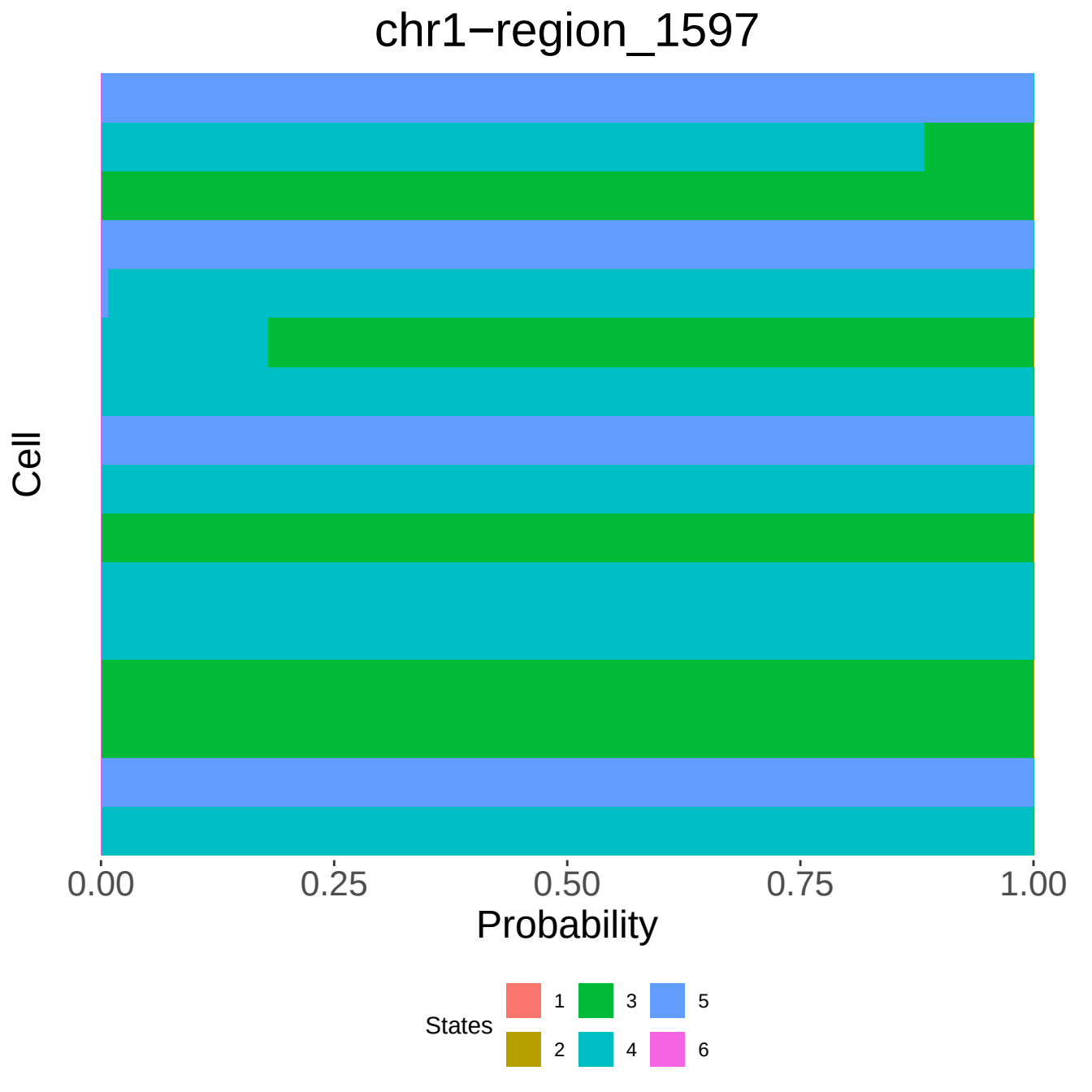
chr1−region_1597
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Probability
States
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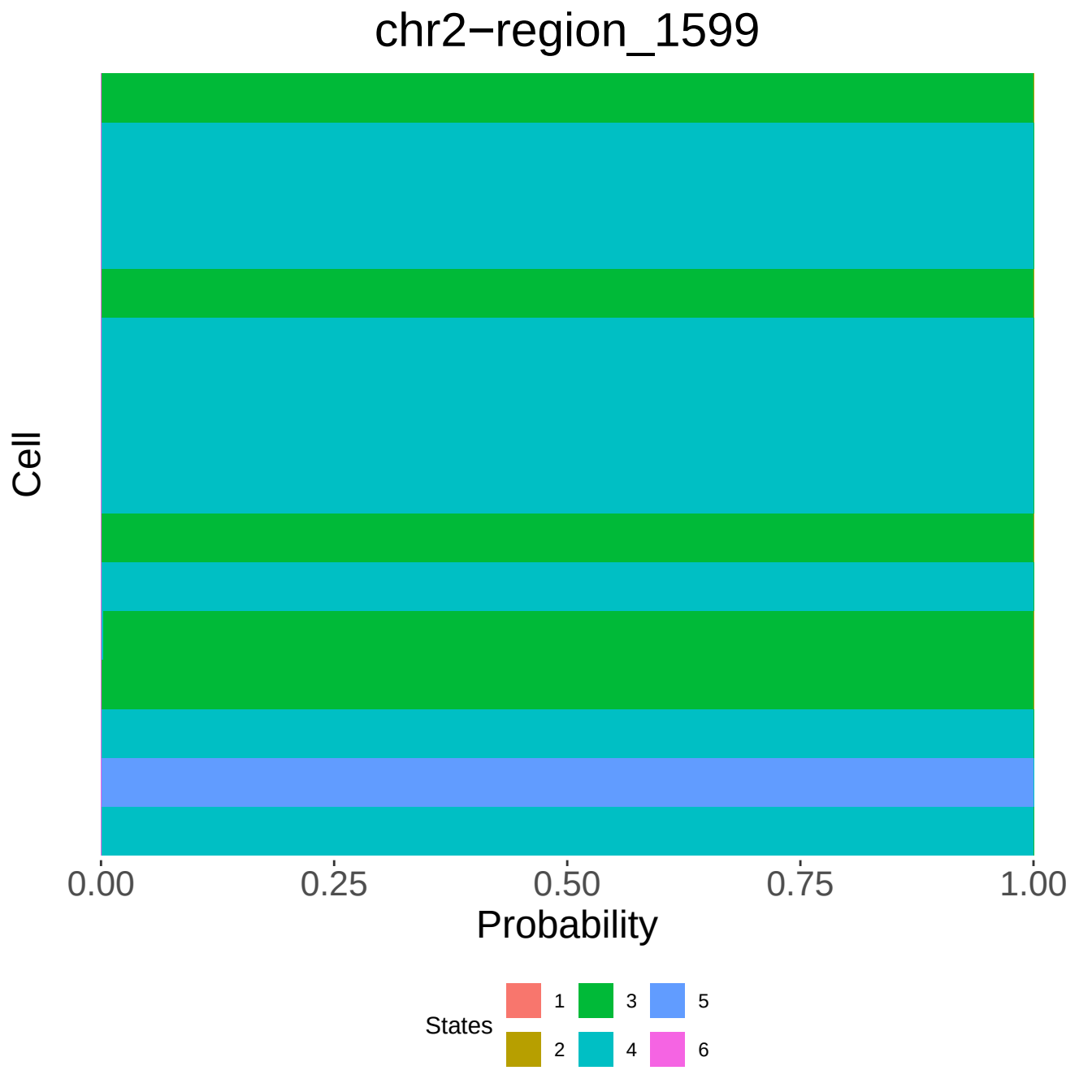
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Probability
States
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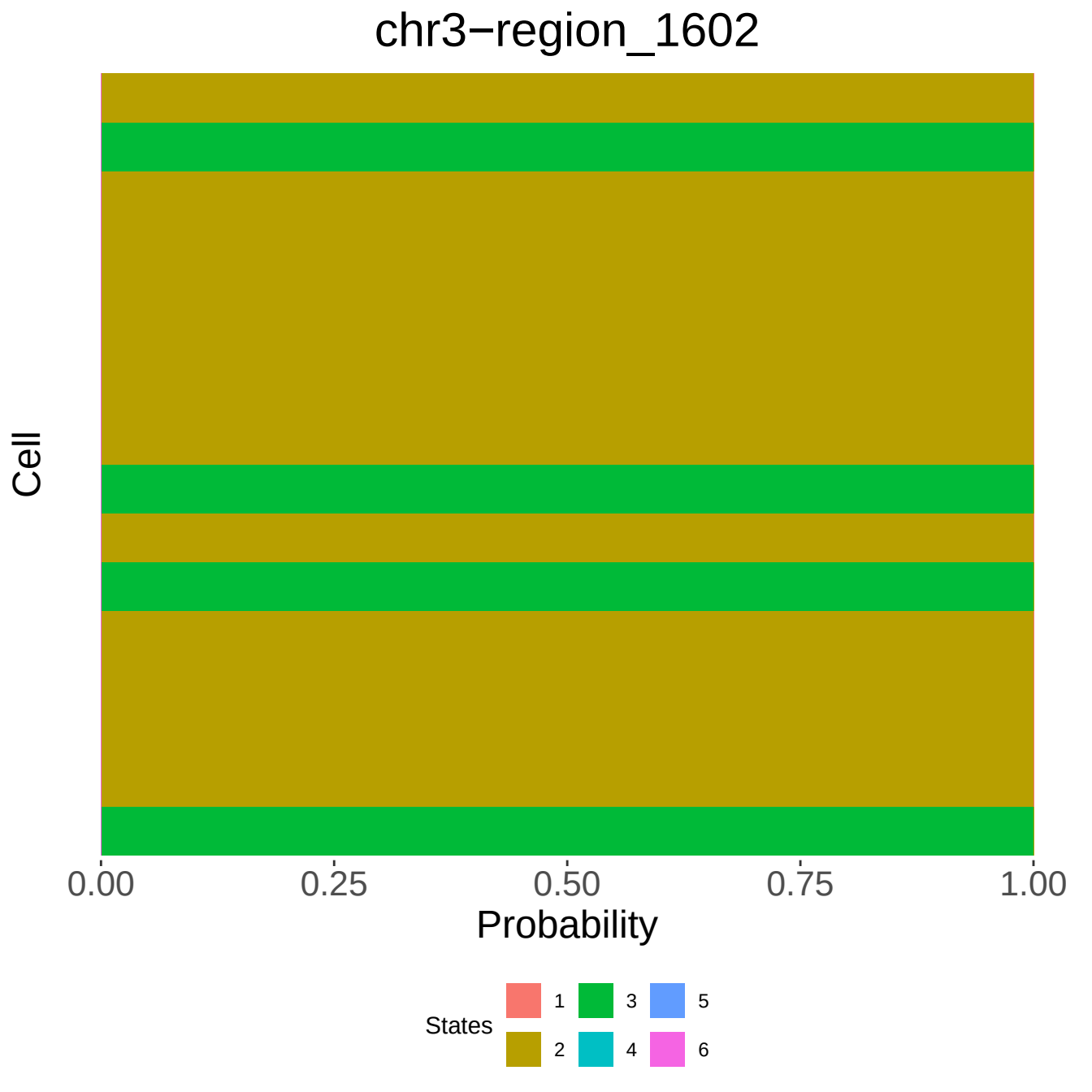
chr3−region_1602
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Probability
States
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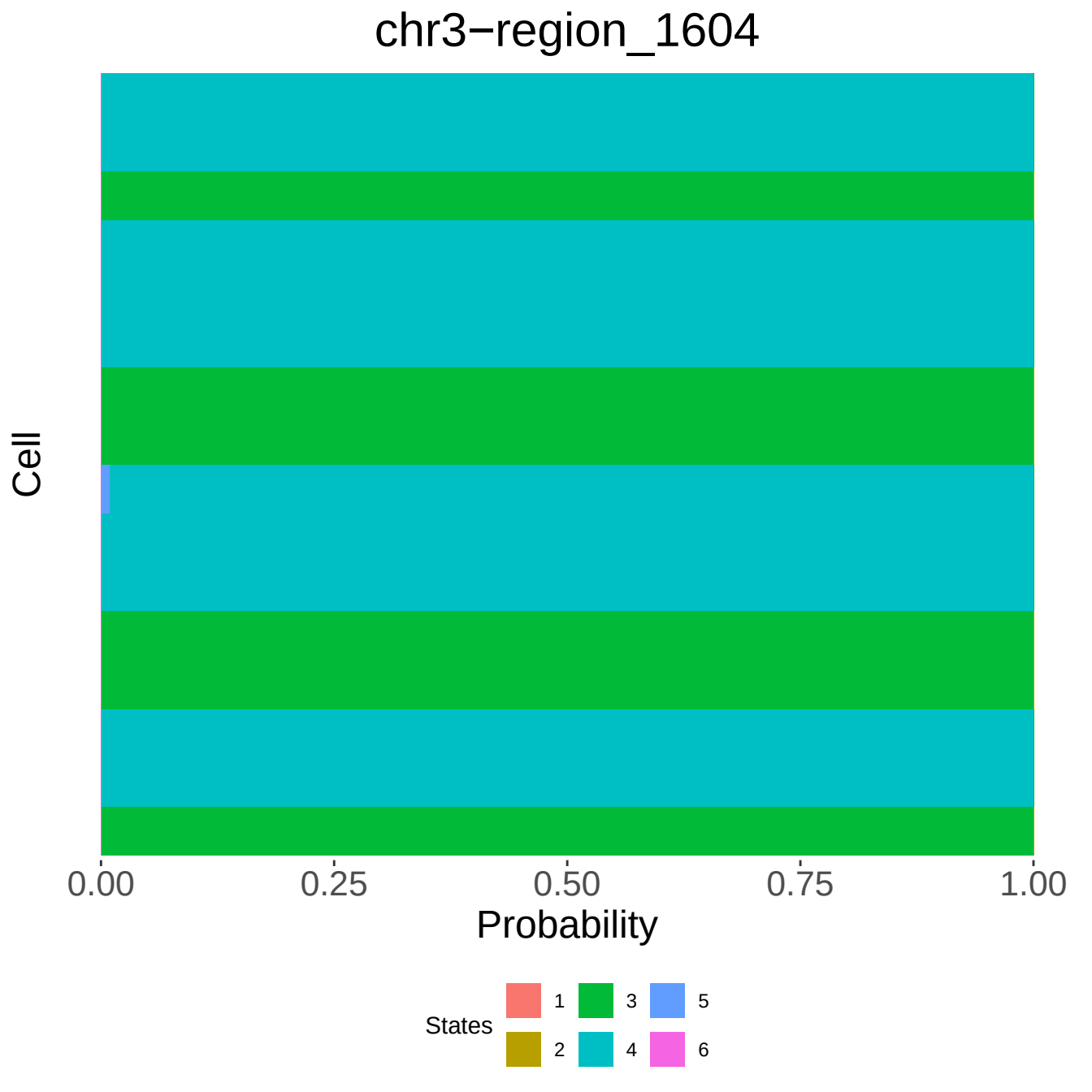
chr3−region_1604
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Probability
States
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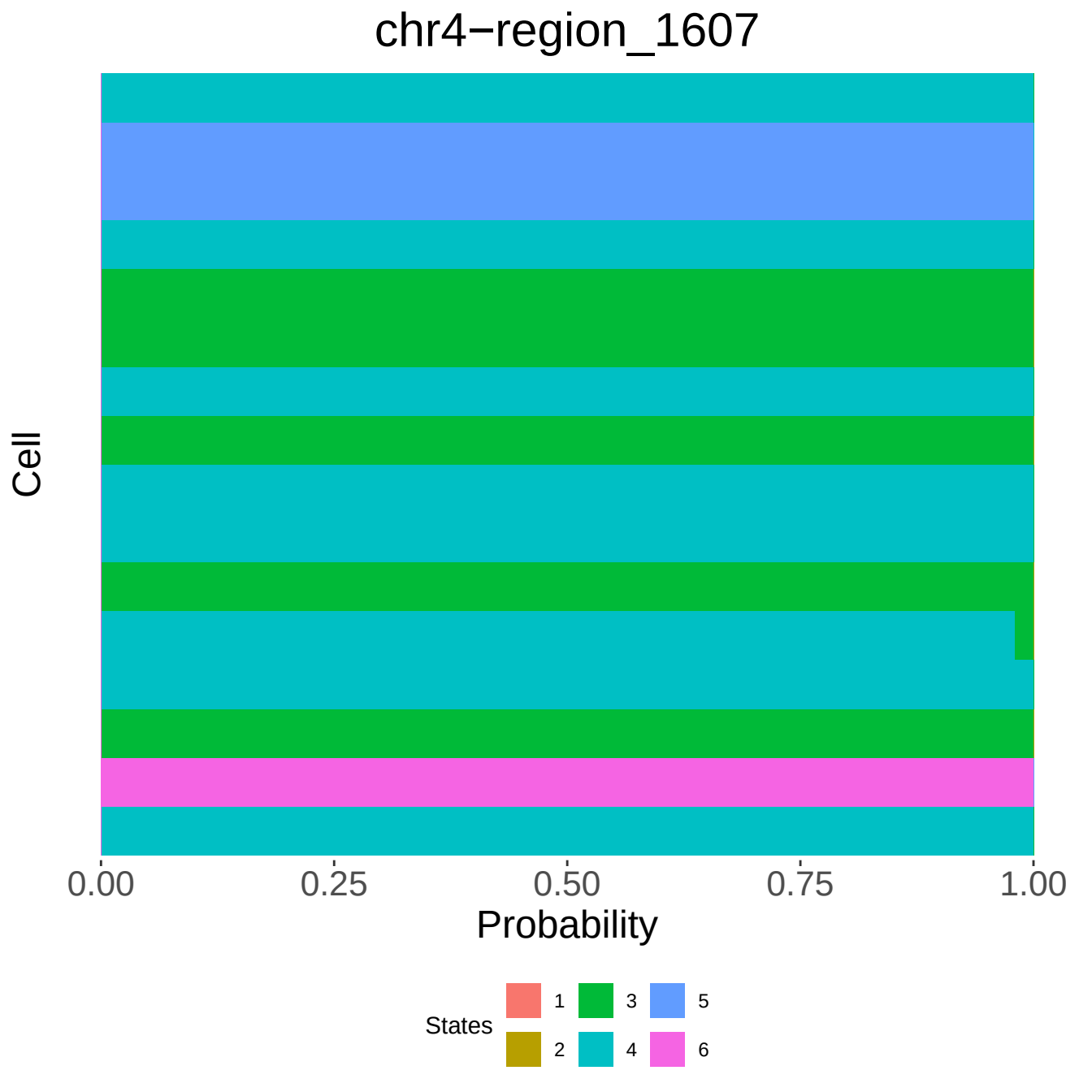
chr4−region_1607
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Probability
States
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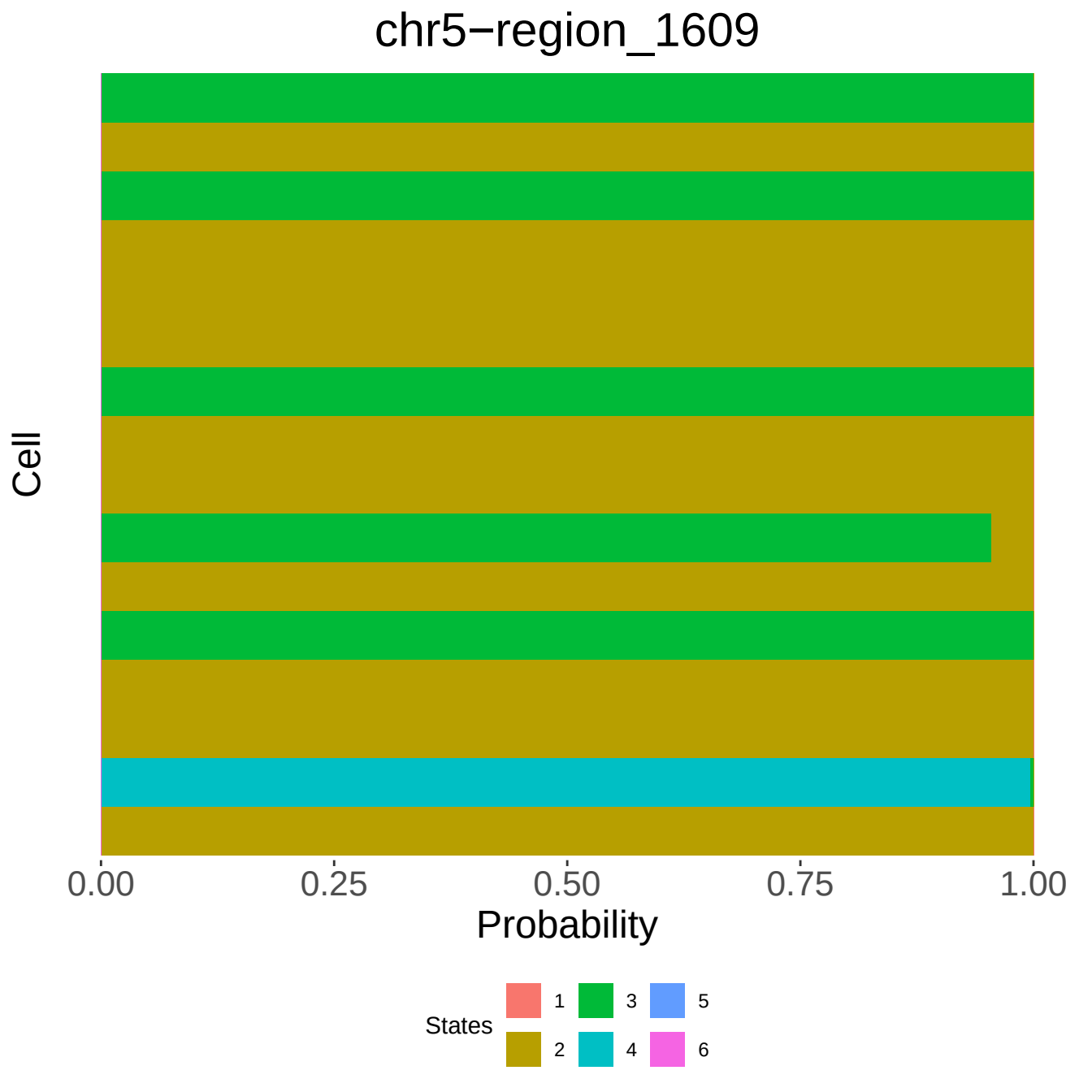
chr5−region_1609
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Probability
States
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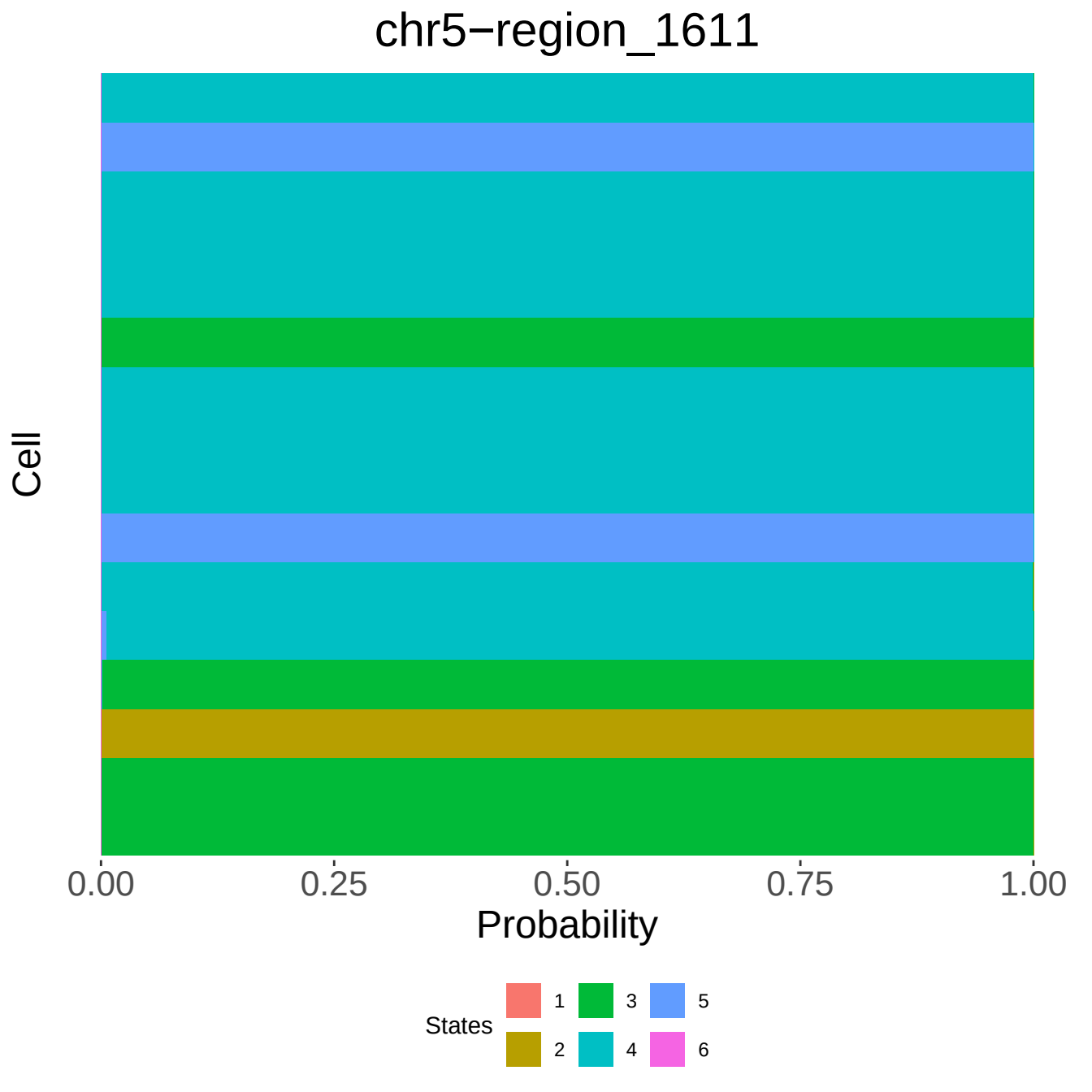
chr5−region_1611
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Probability
States
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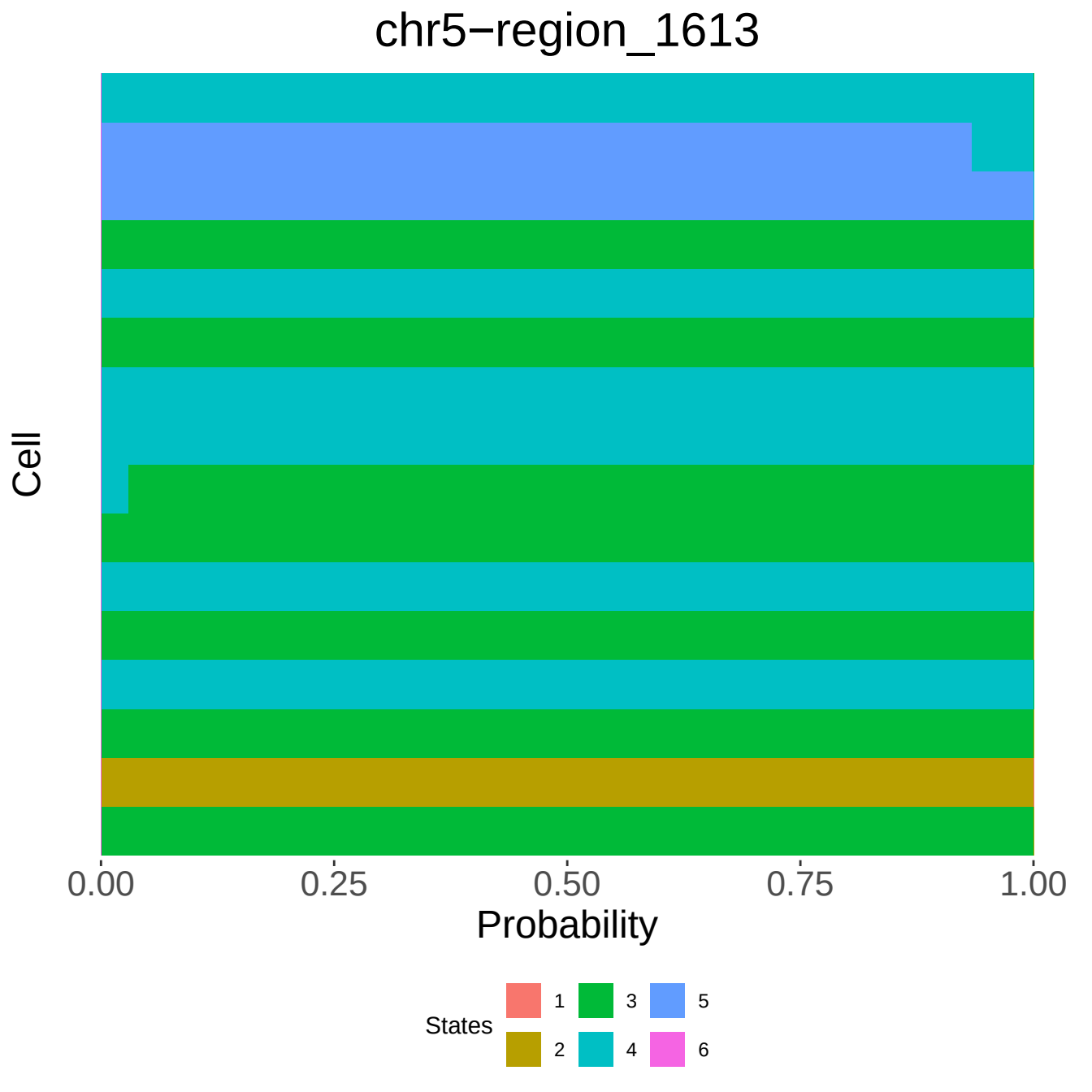
chr5−region_1613
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Probability
States
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2
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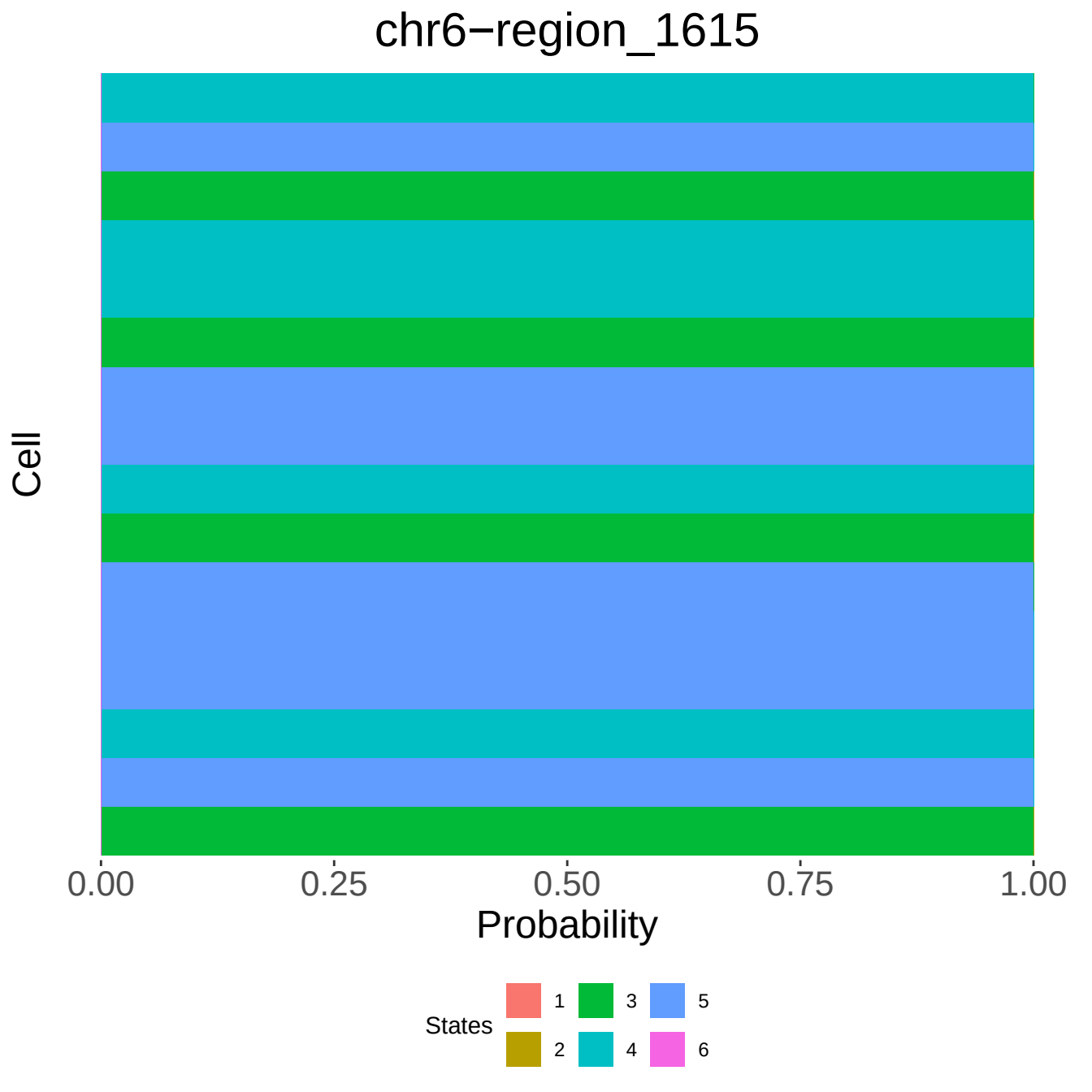
chr6−region_1615
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Probability
States
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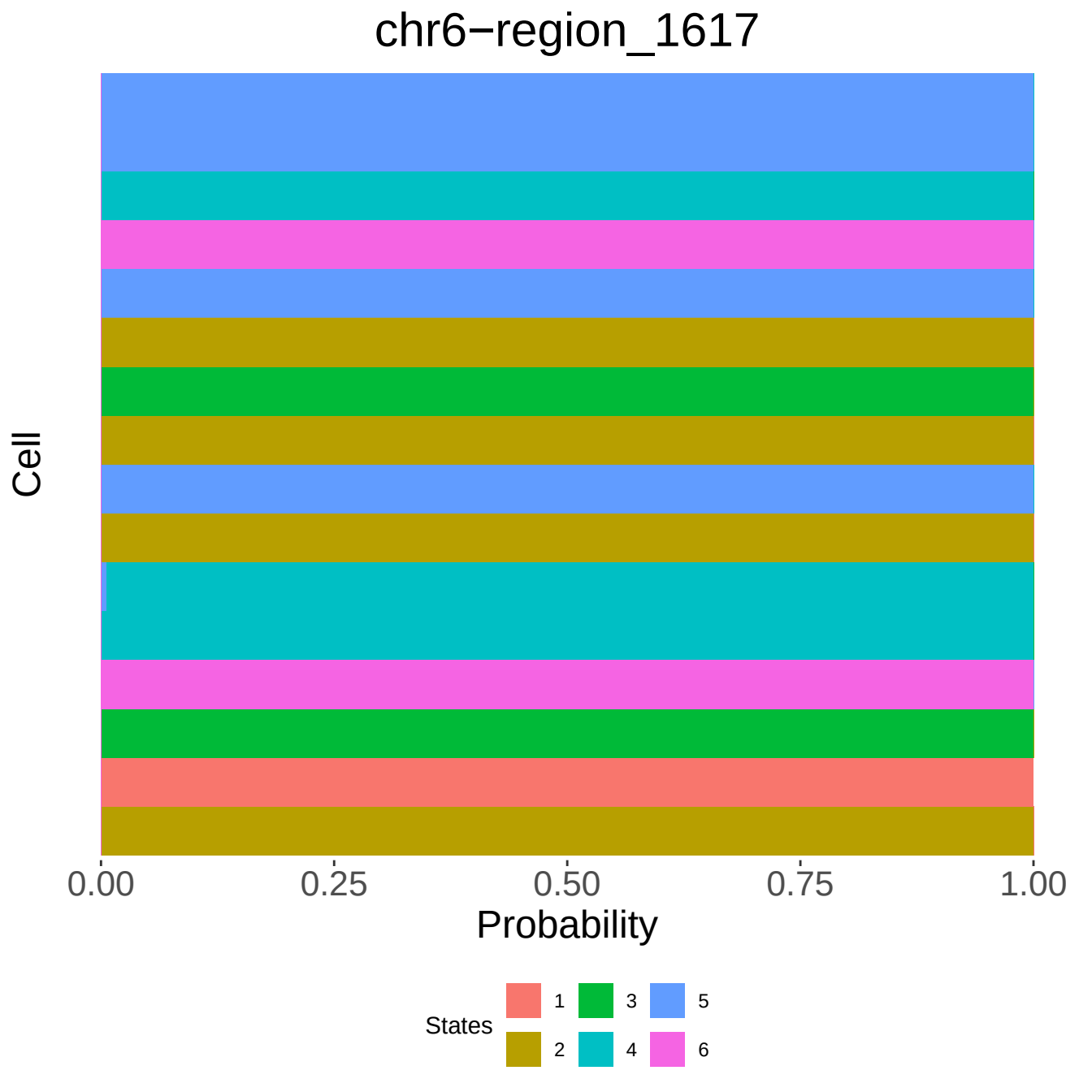
chr6−region_1617
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Probability
States
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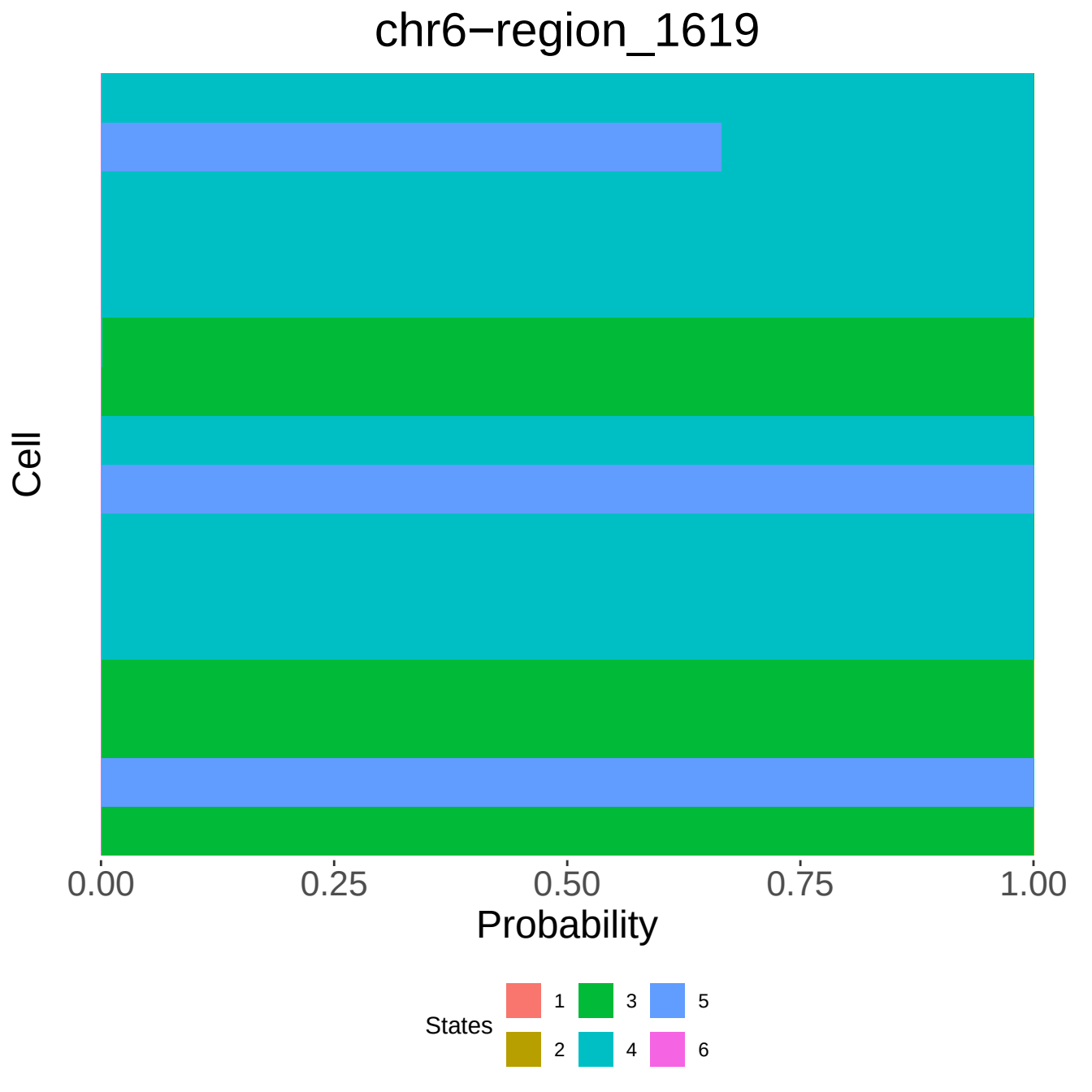
chr6−region_1619
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Probability
States
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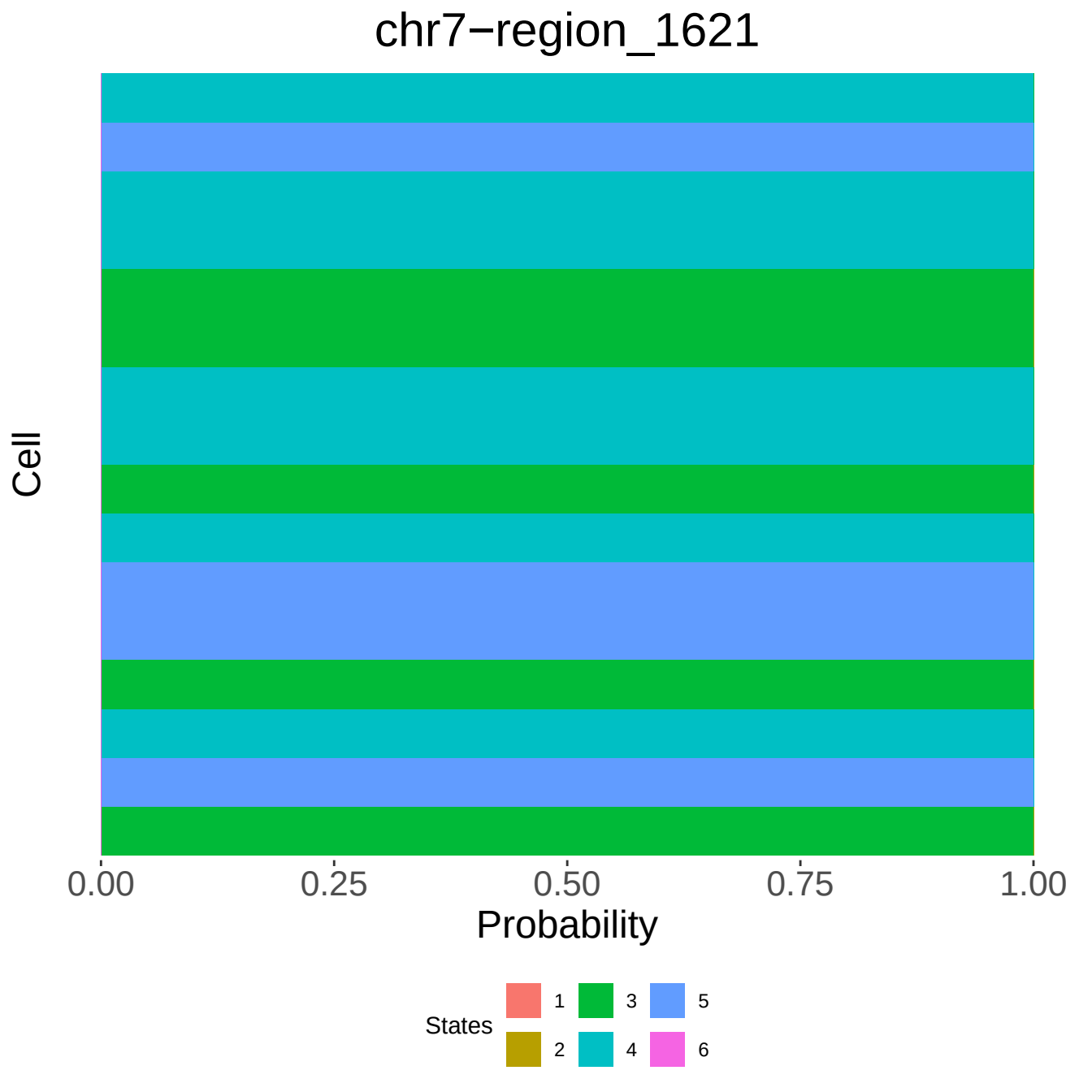
chr7−region_1621
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Probability
States
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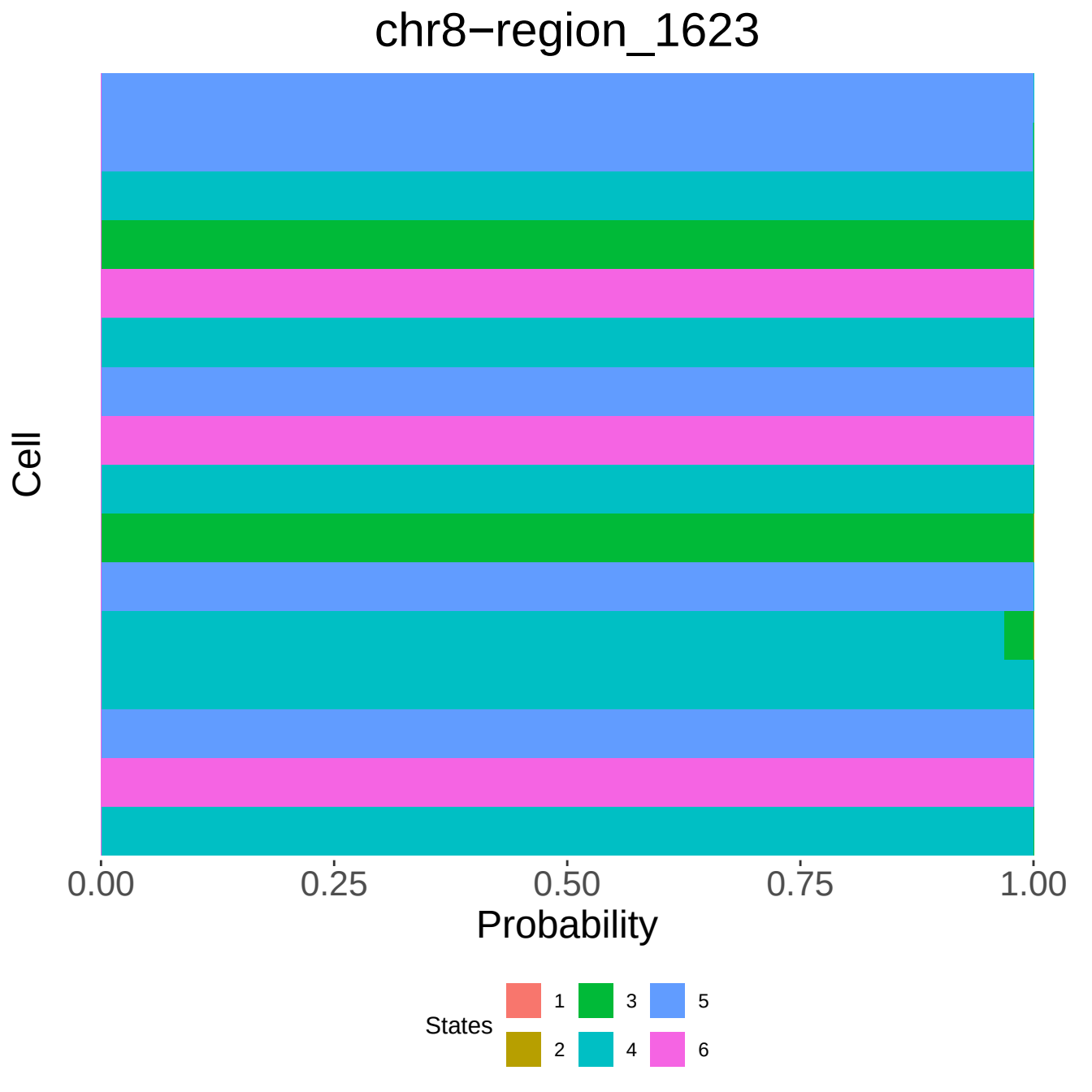
chr8−region_1623
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Probability
States
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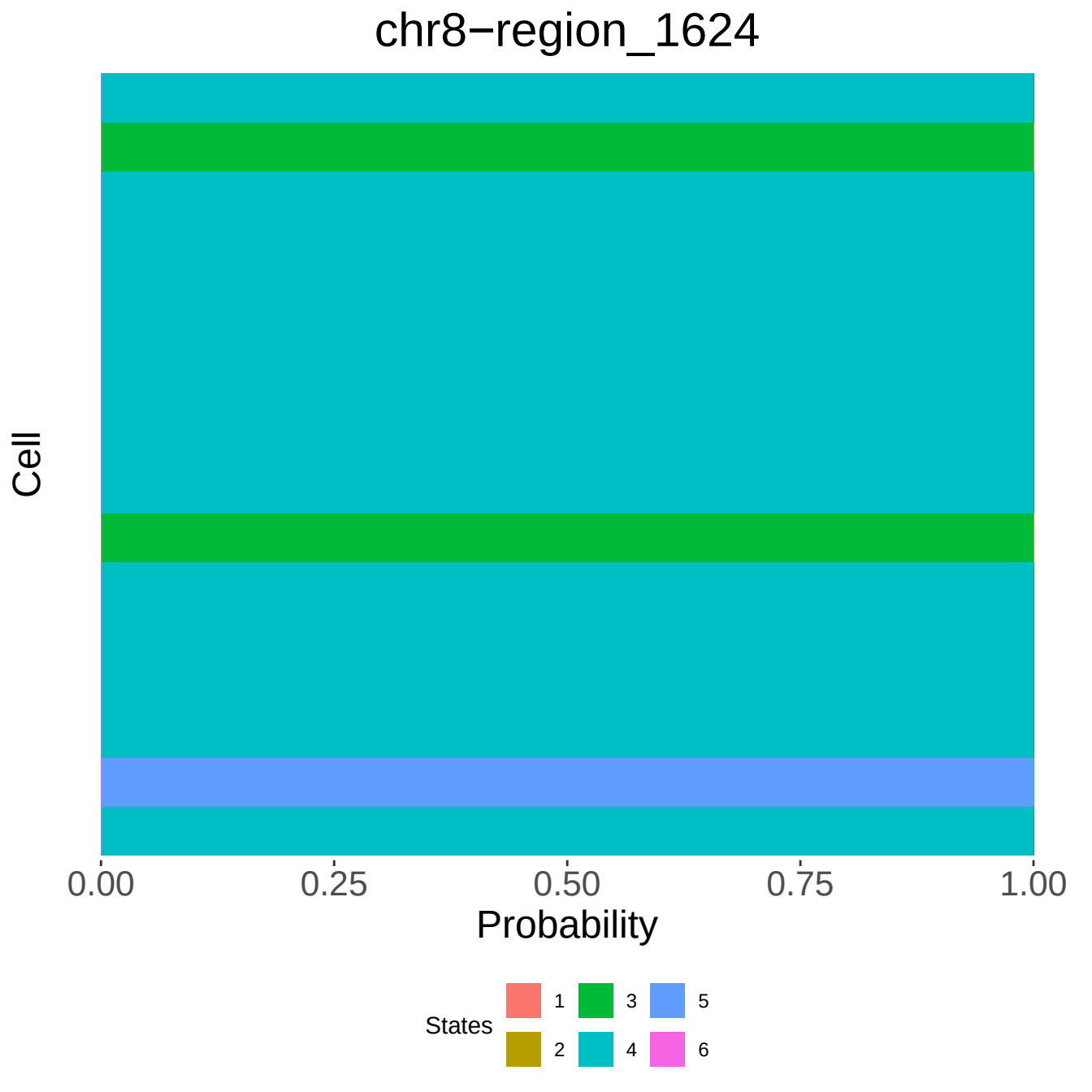
chr8−region_1624
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Probability
States
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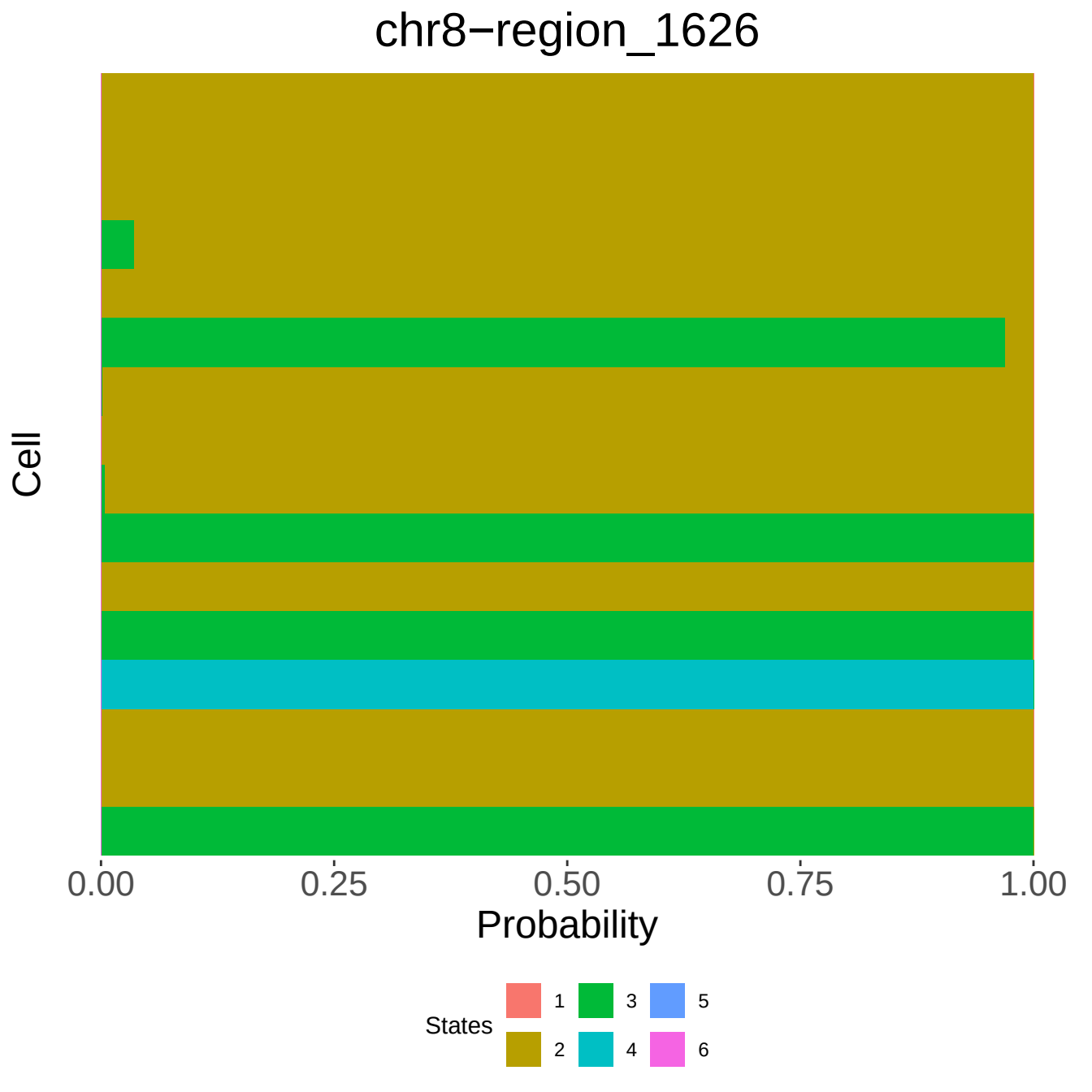
chr8−region_1626
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Probability
States
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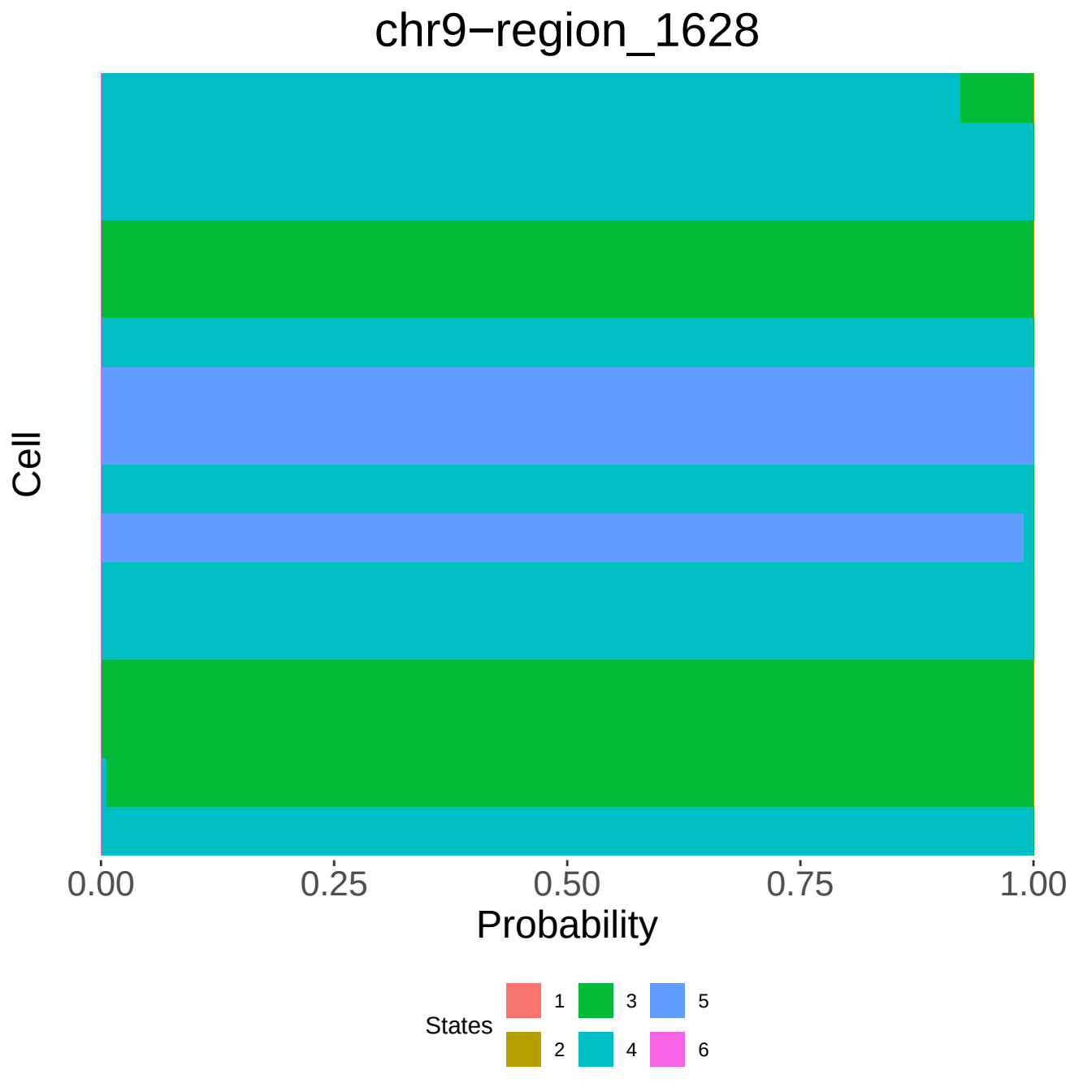
chr9−region_1628
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Probability
States
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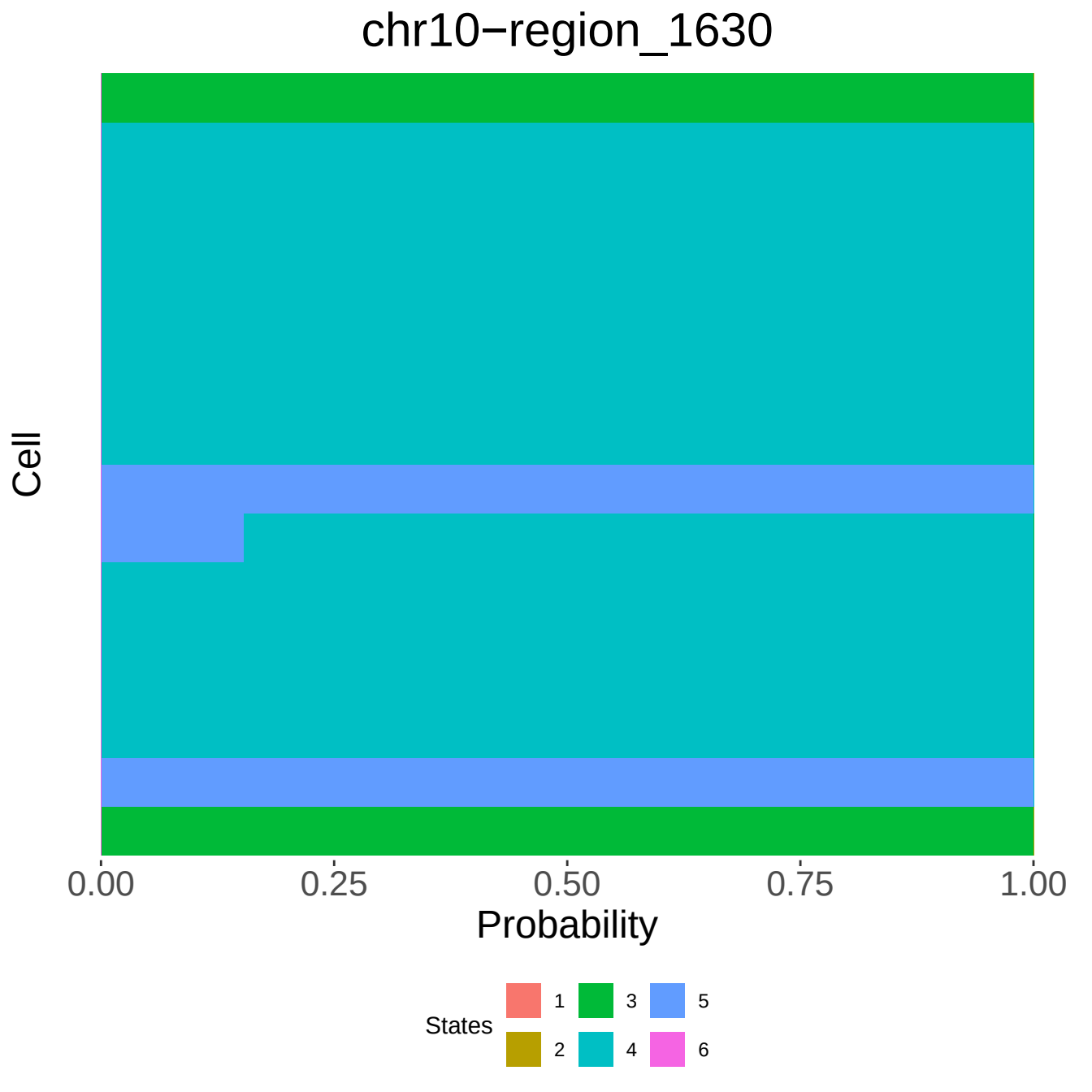
chr10−region_1630
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Probability
States
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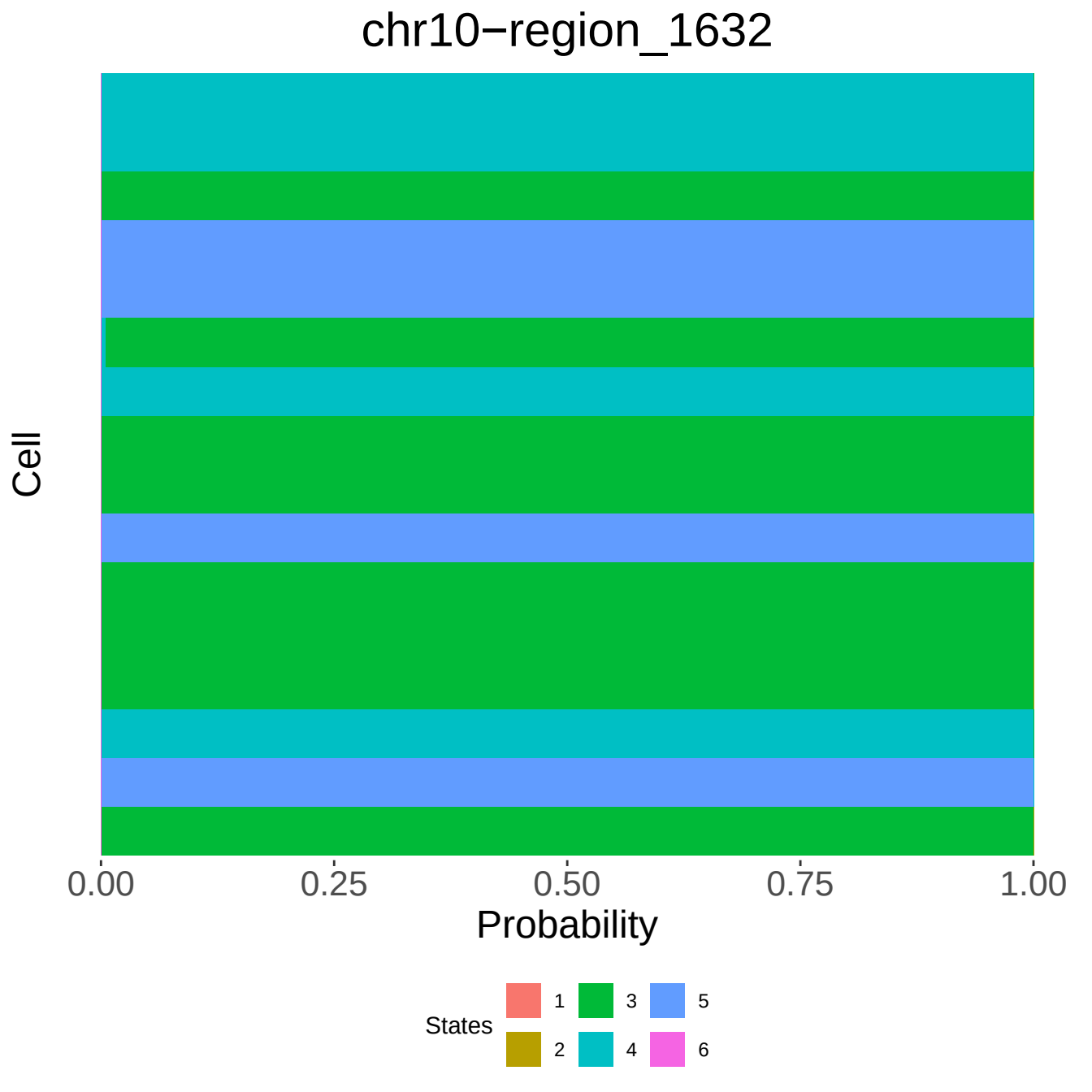
chr10−region_1632
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Probability
States
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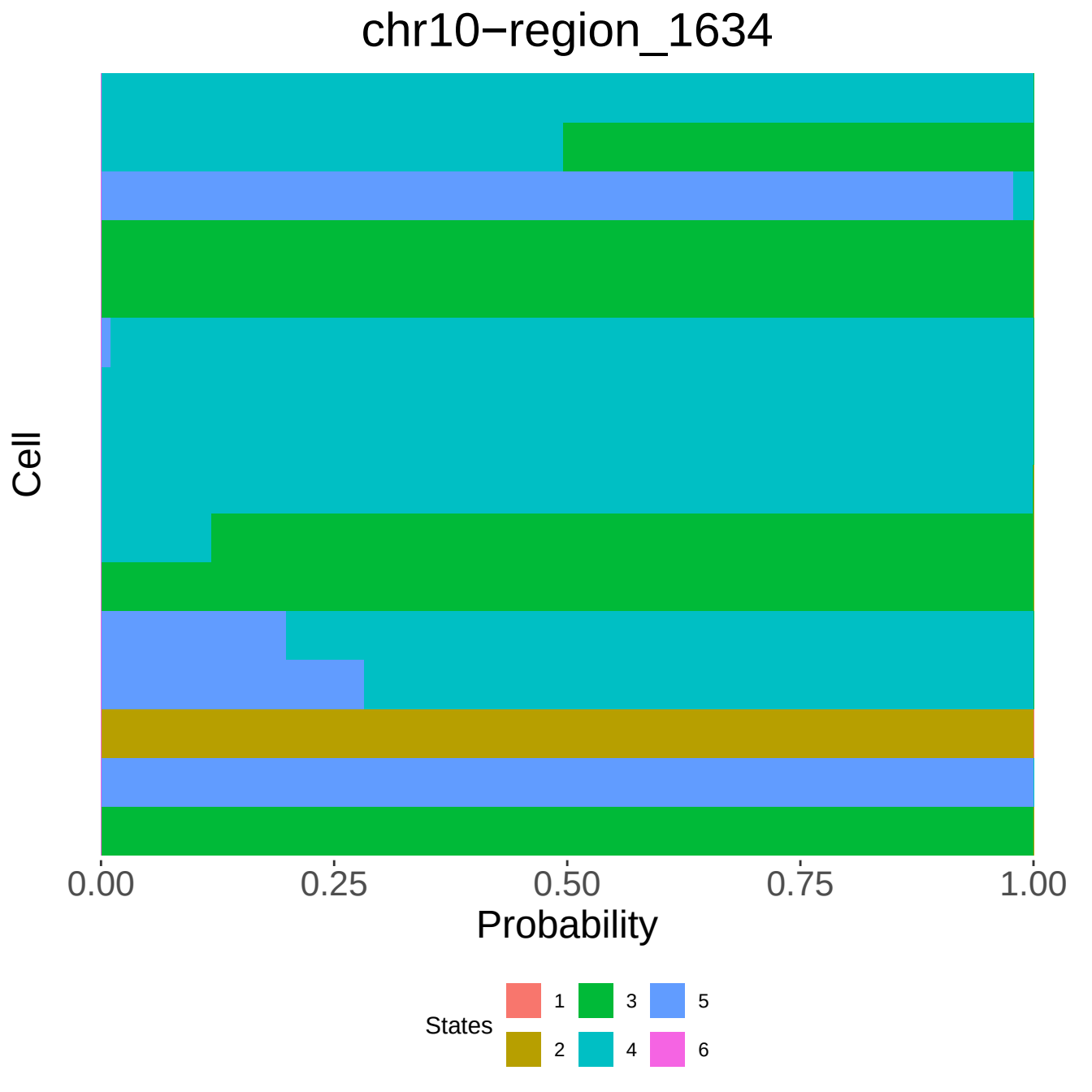
chr10−region_1634
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Probability
States
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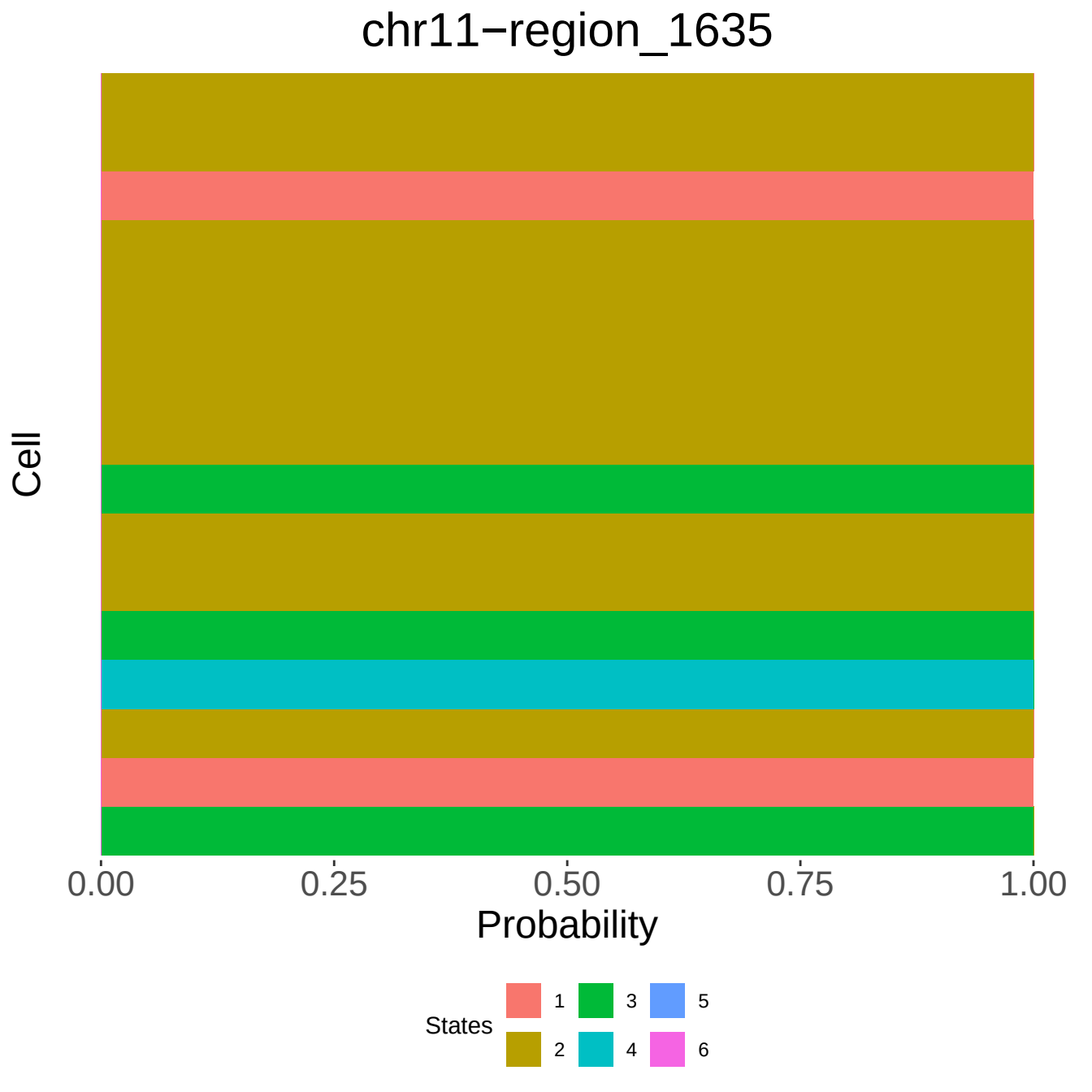
chr11−region_1635
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Probability
States
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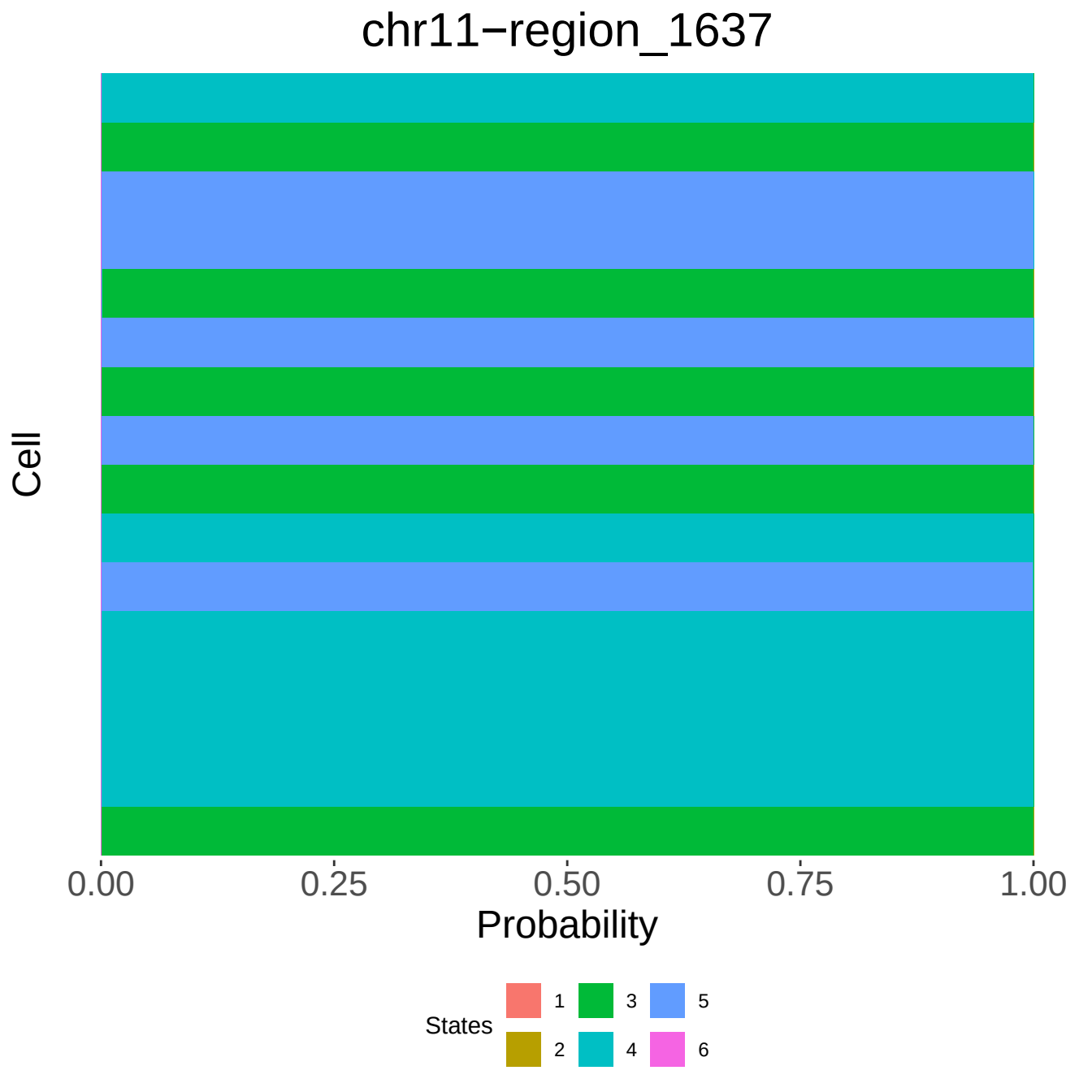
chr11−region_1637
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Probability
States
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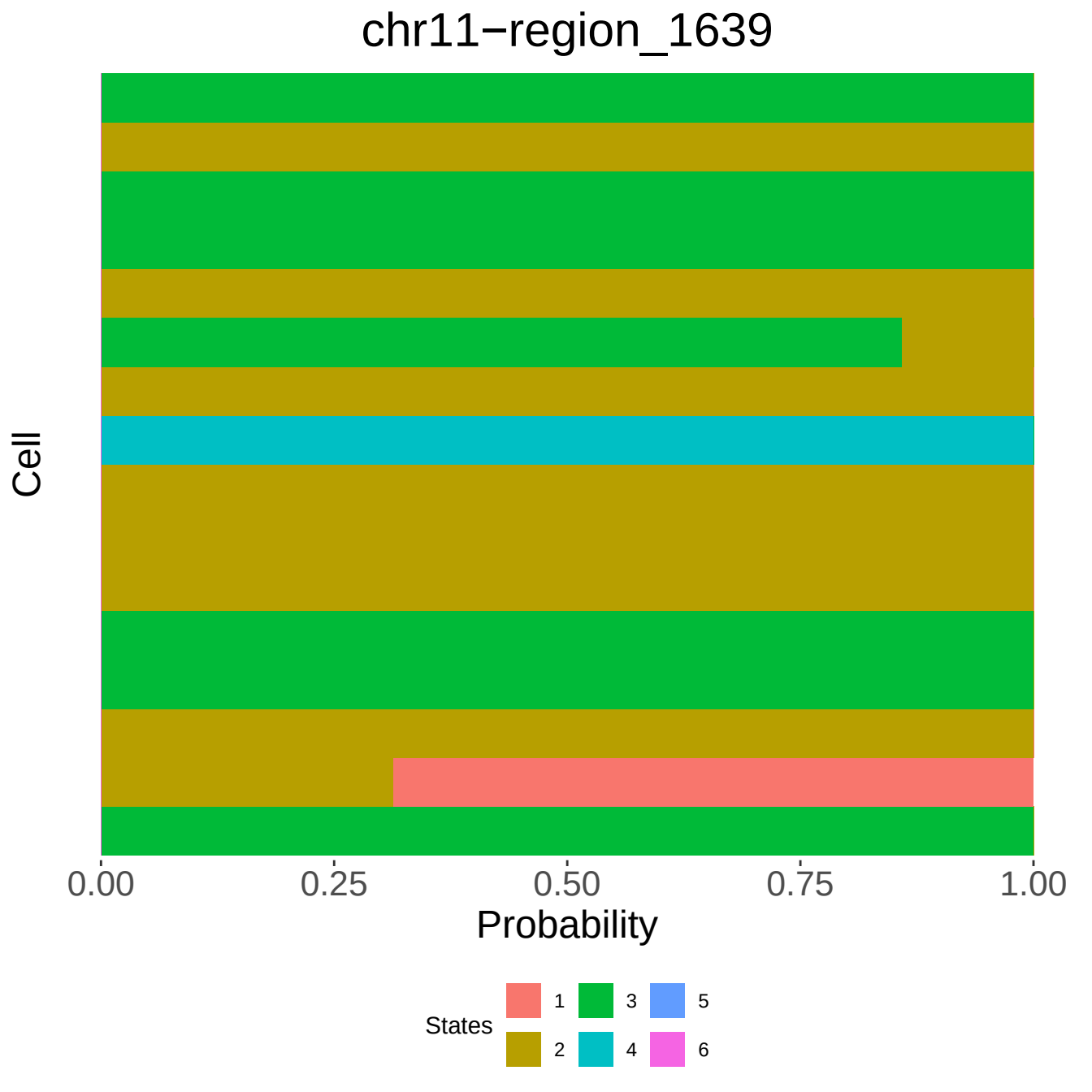
chr11−region_1639
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Probability
States
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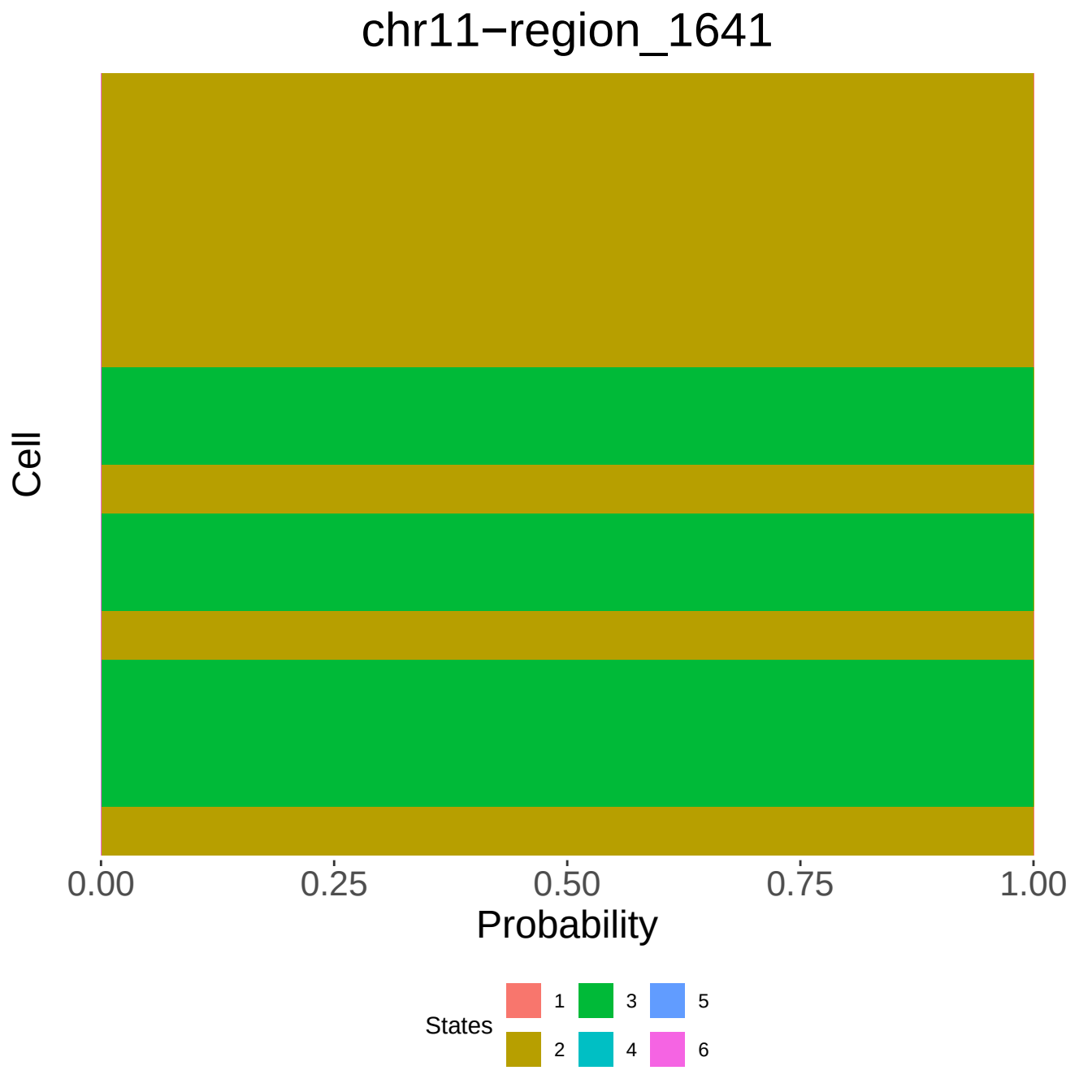
chr11−region_1641
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Probability
States
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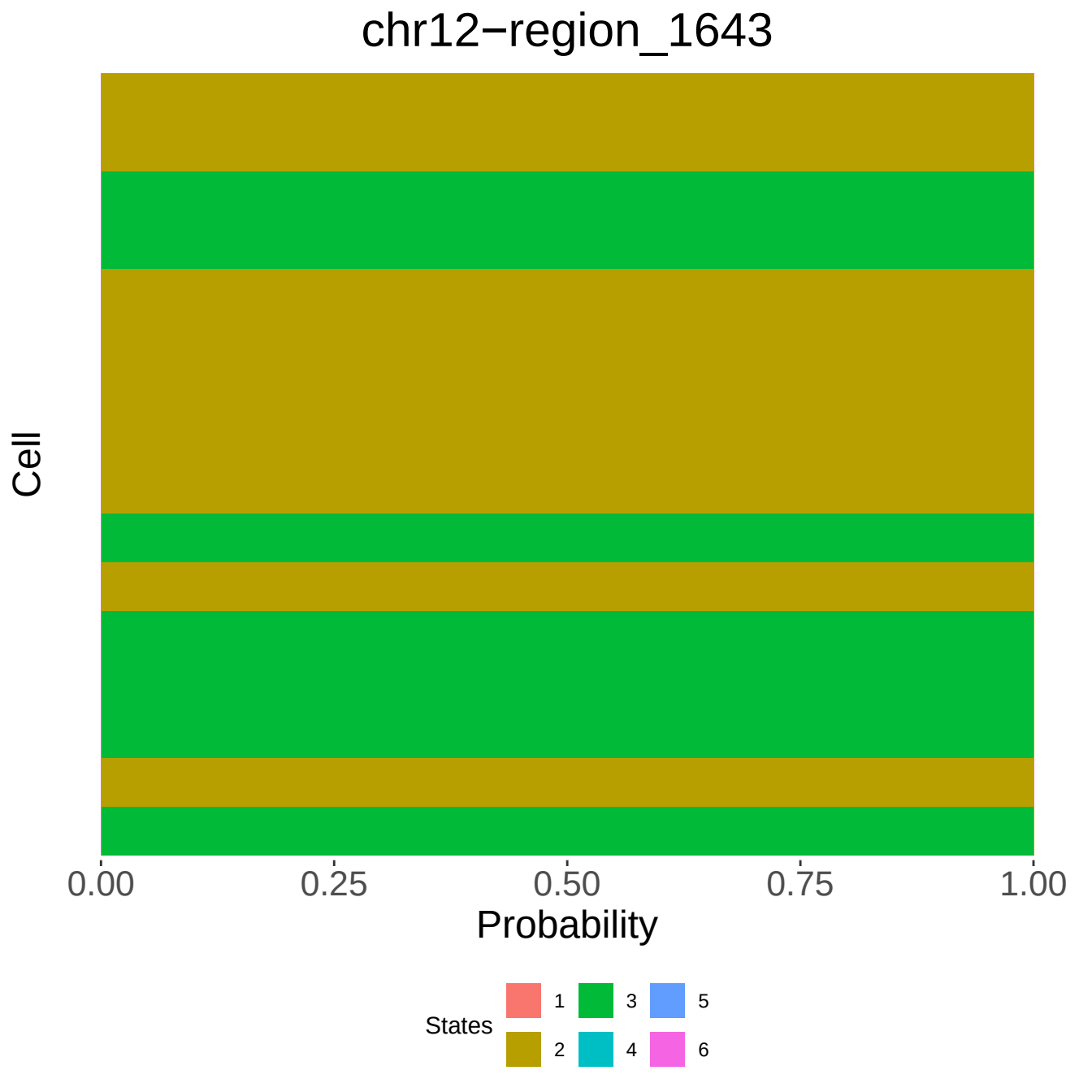
chr12−region_1643
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Probability
States
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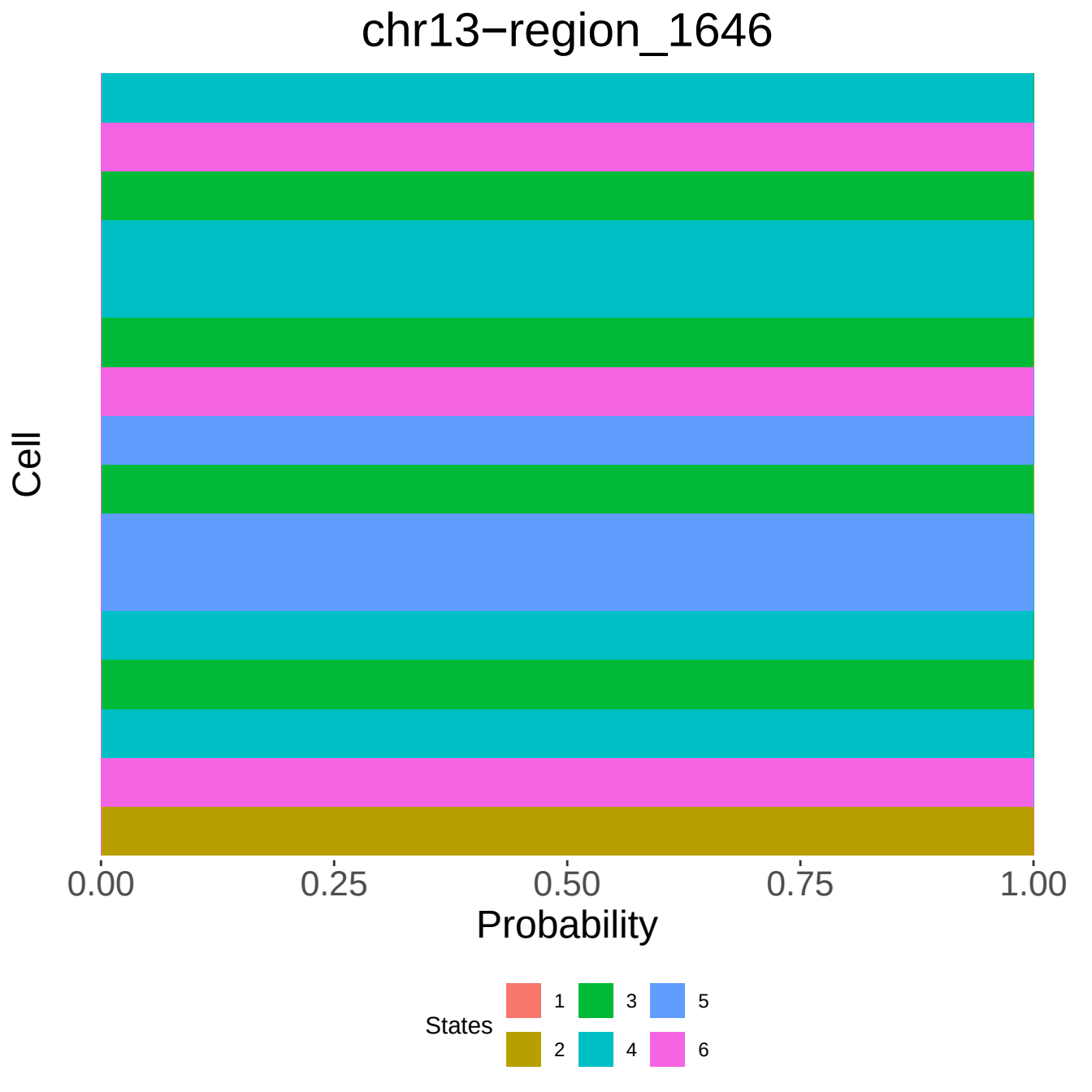
chr13−region_1646
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Probability
States
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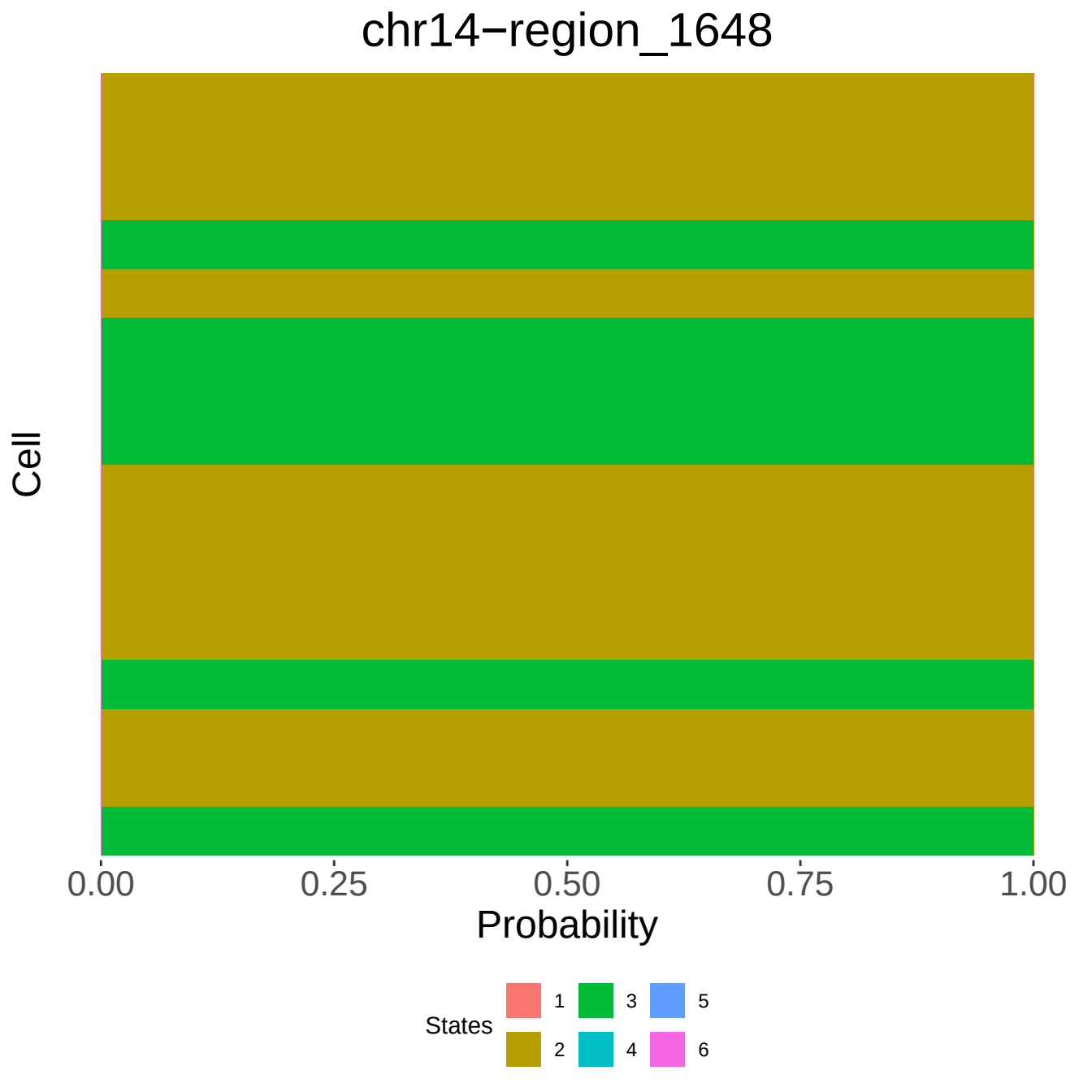
chr14−region_1648
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Probability
States
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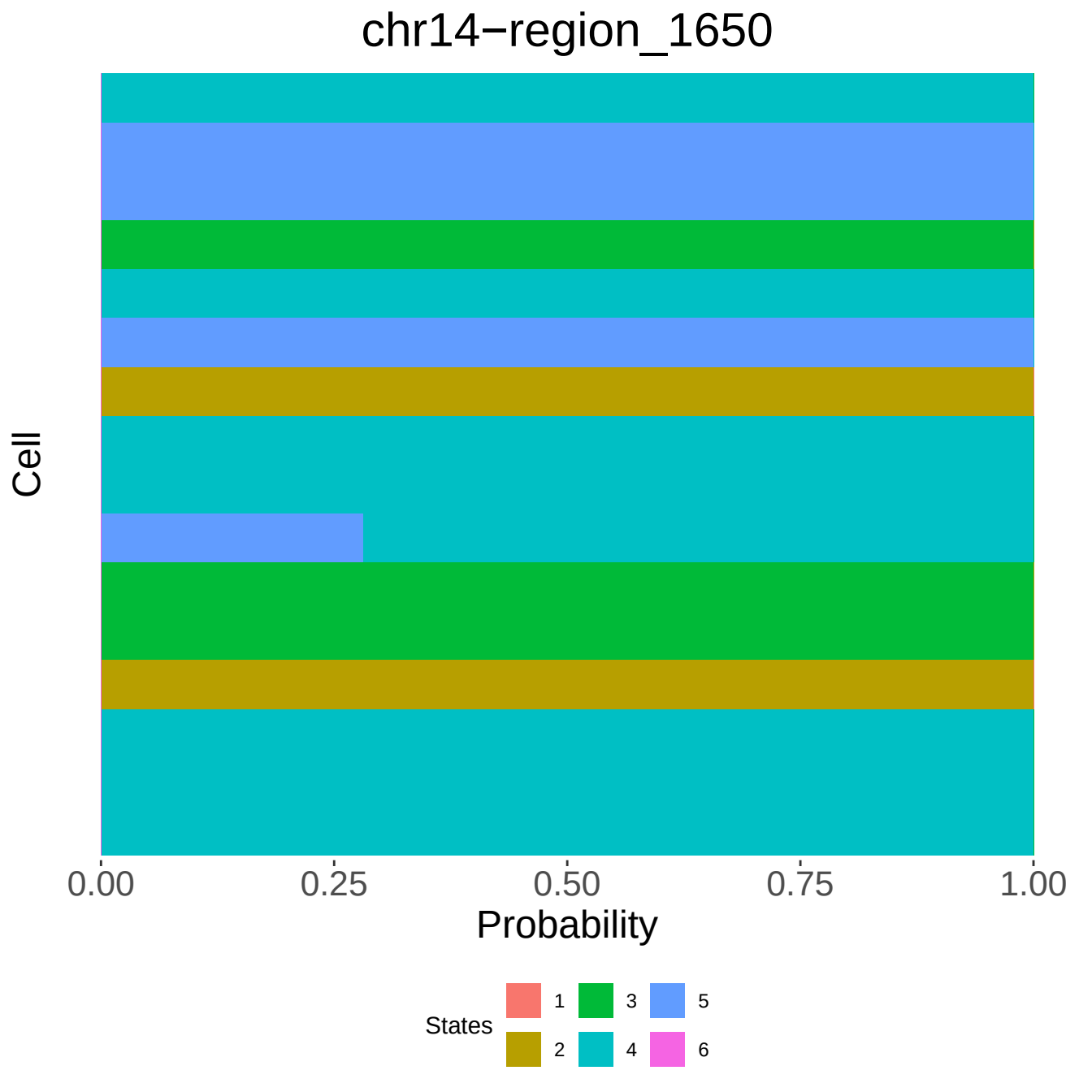
chr14−region_1650
Cell
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Probability
States
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4
5
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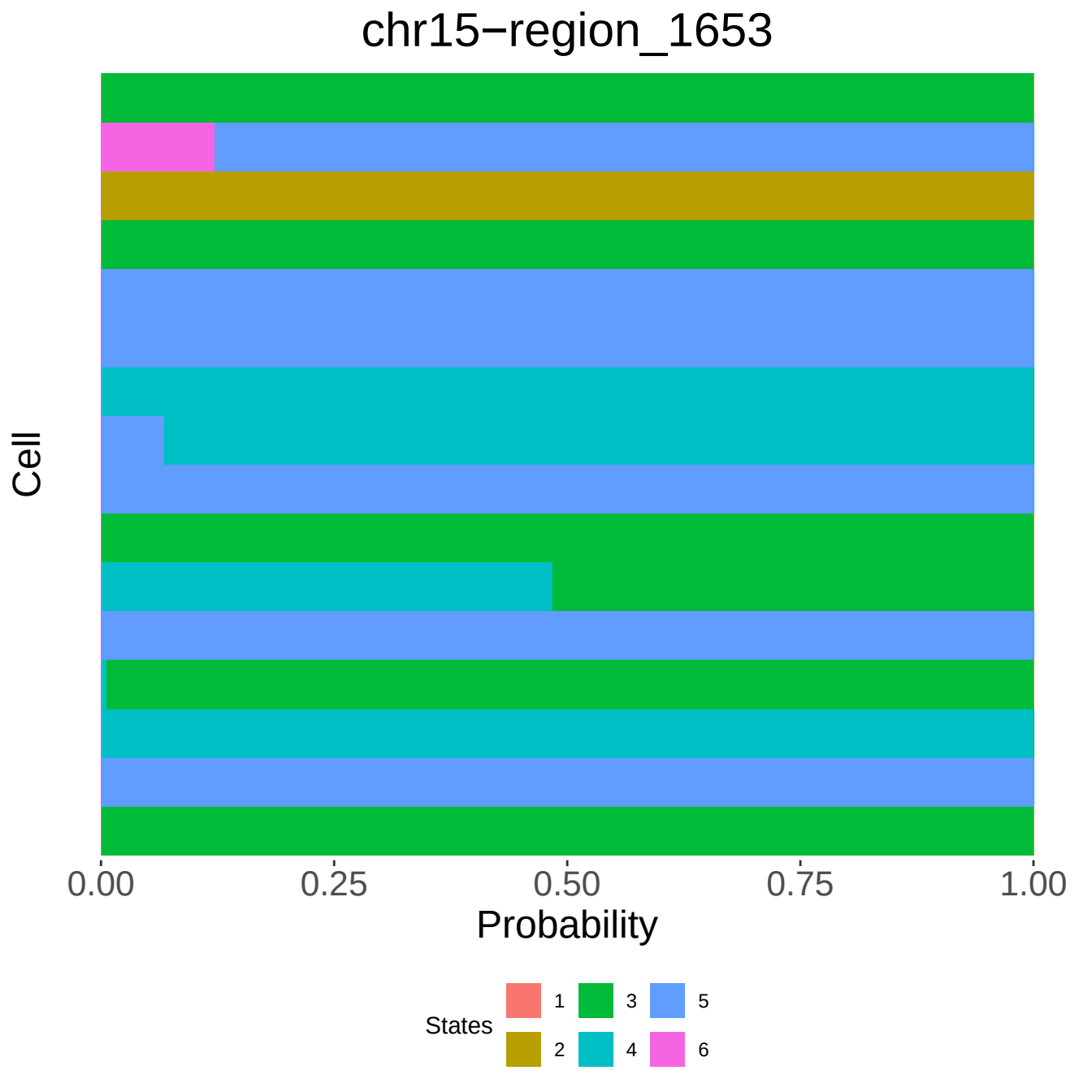
chr15−region_1653
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Probability
States
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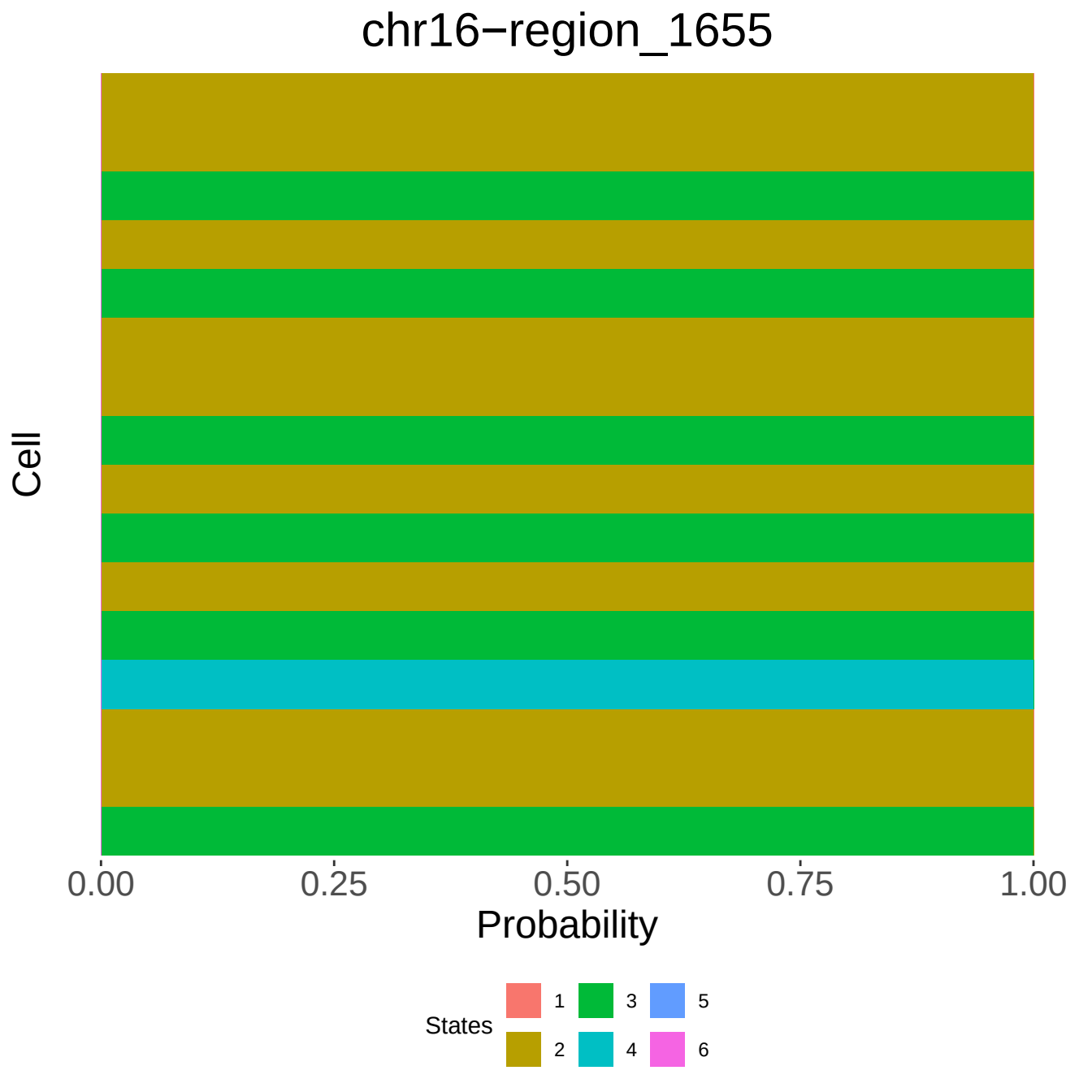
chr16−region_1655
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Probability
States
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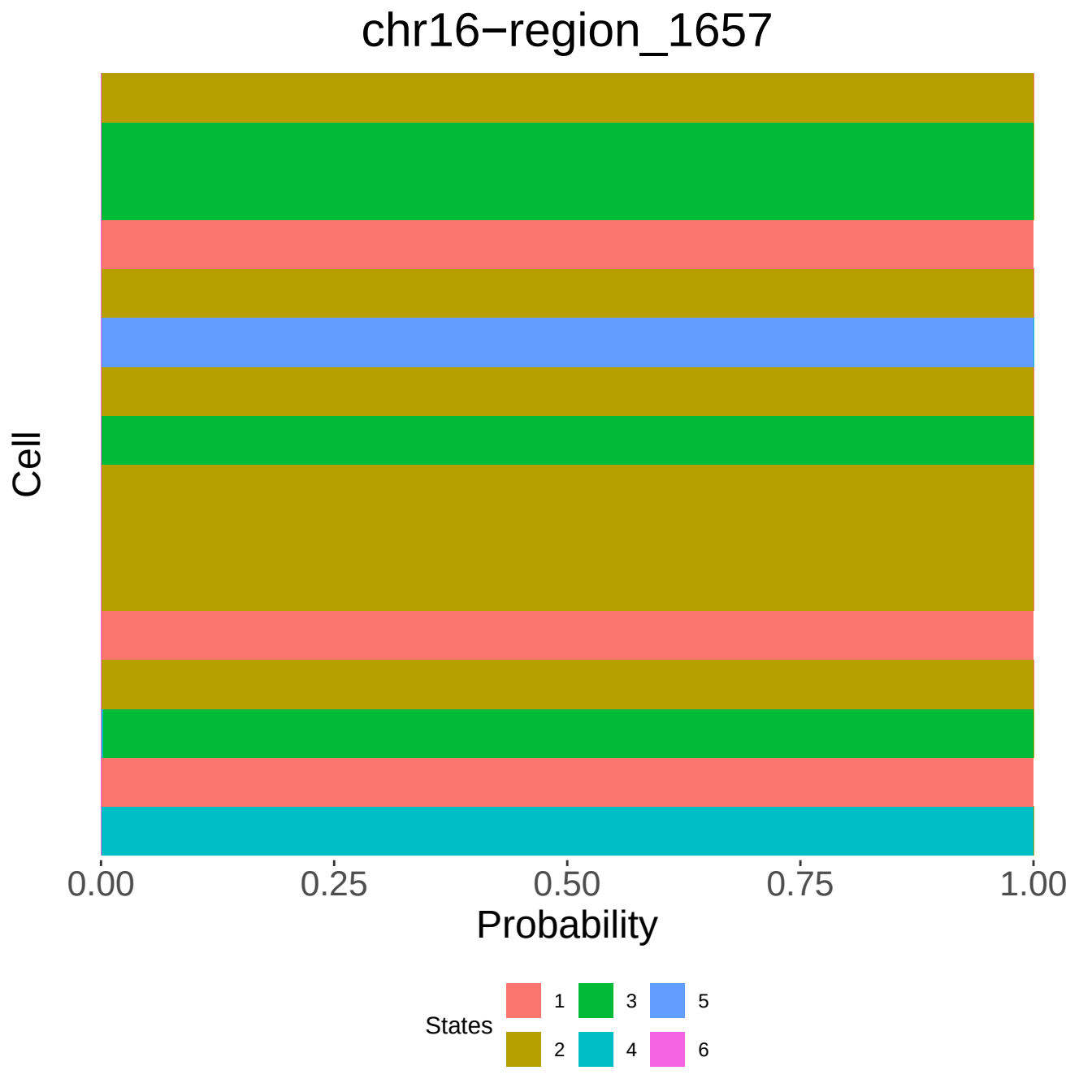
chr16−region_1657
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Probability
States
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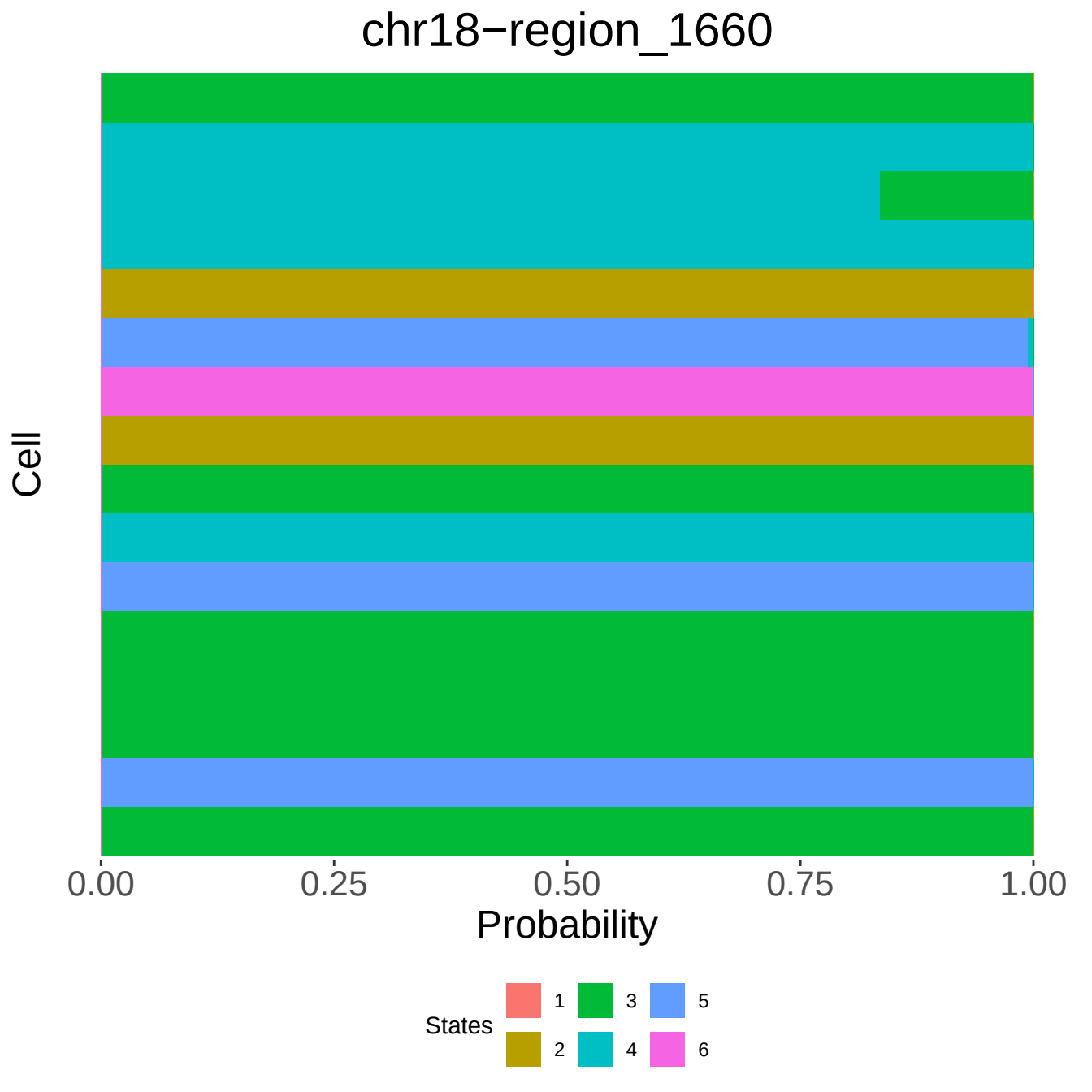
chr18−region_1660
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Probability
States
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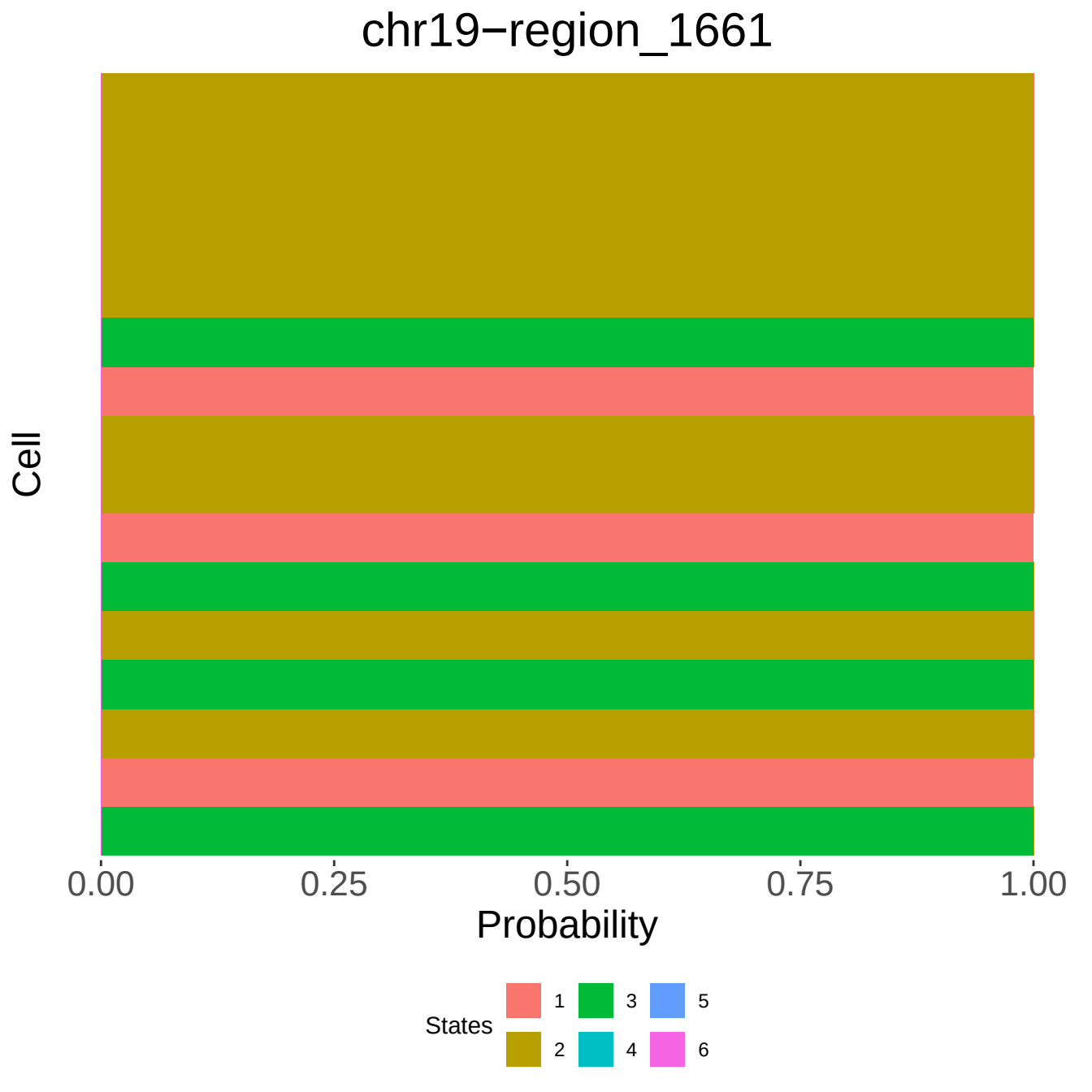
chr19−region_1661
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Probability
States
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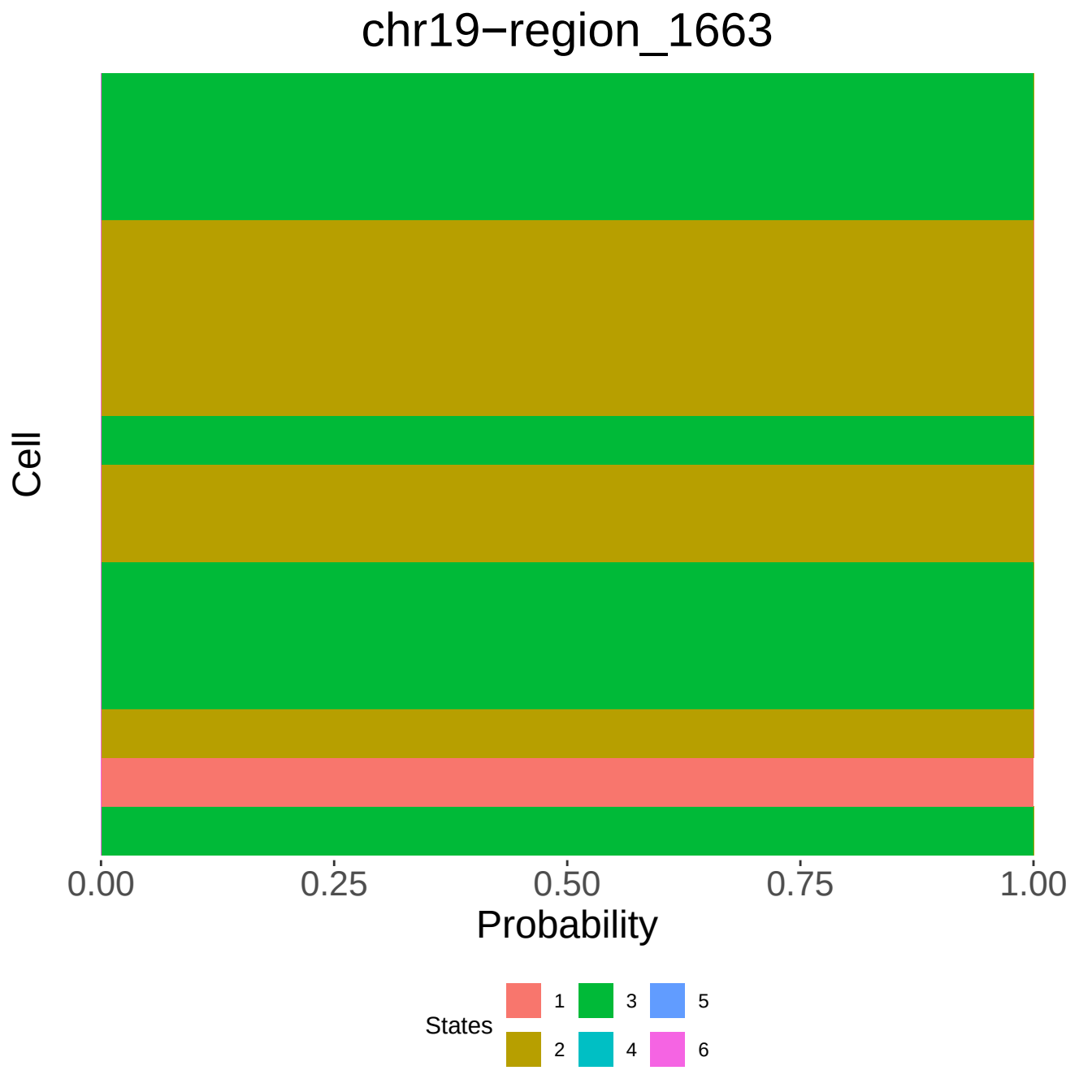
chr19−region_1663
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Probability
States
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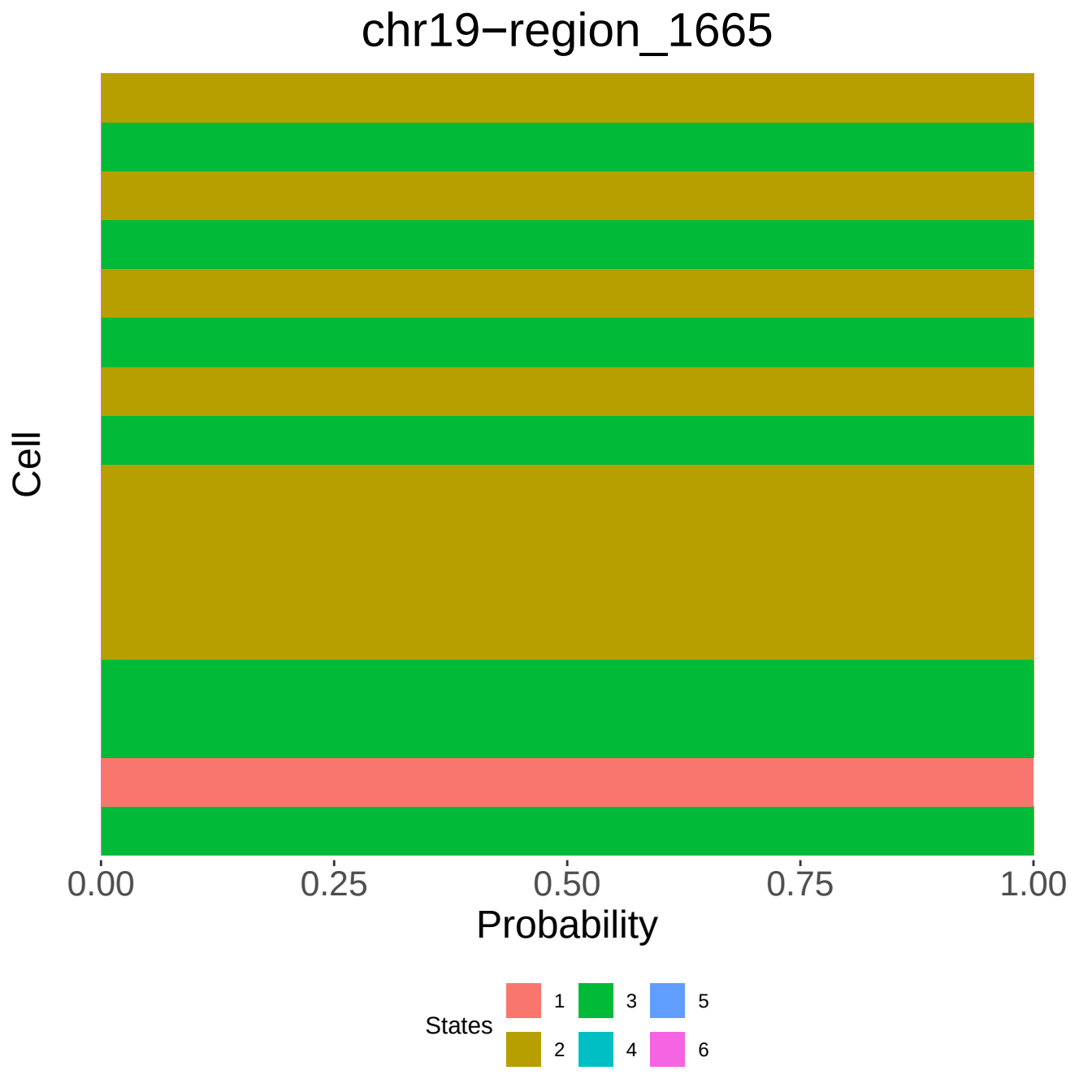
chr19−region_1665
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Probability
States
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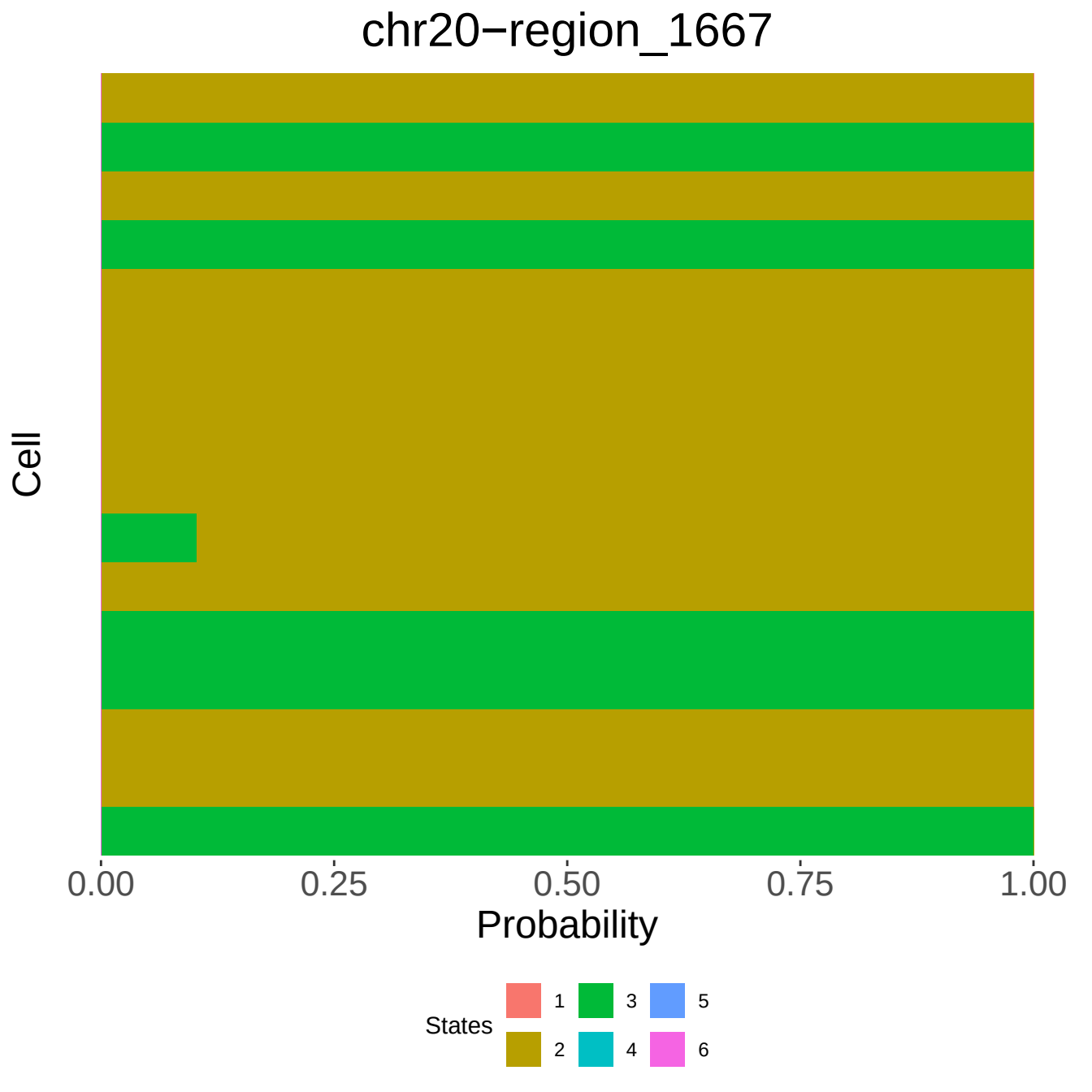
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Probability
States
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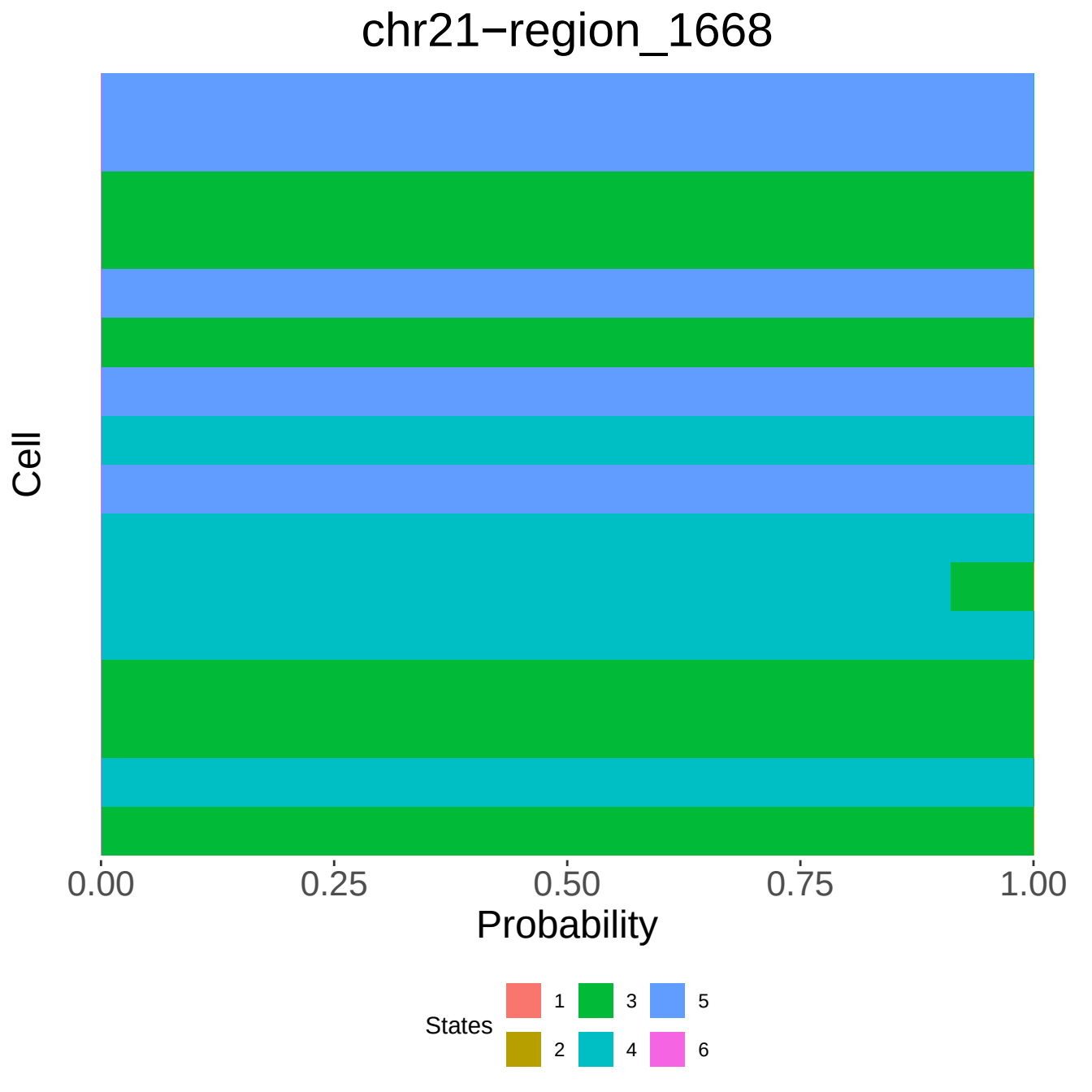
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Probability
States
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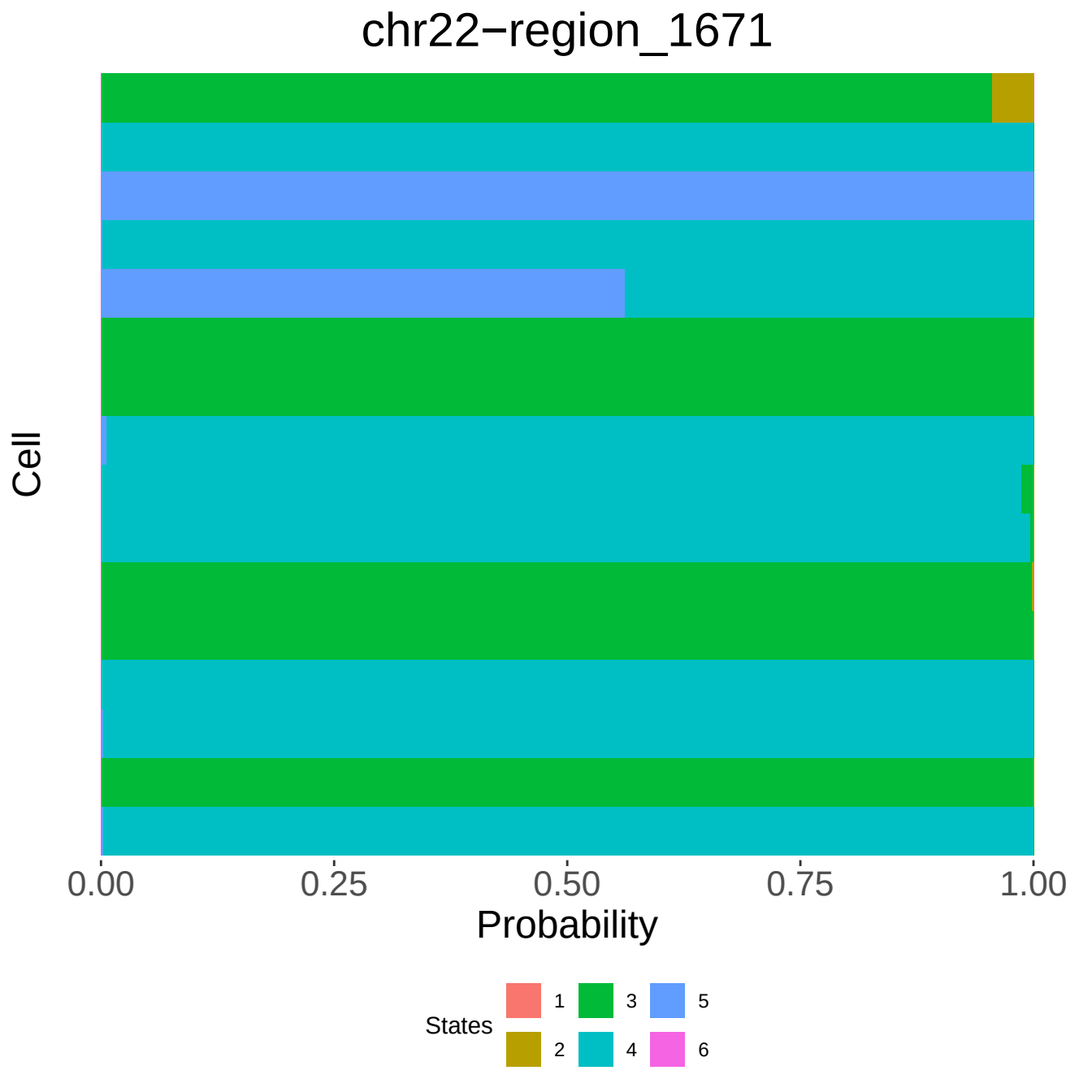
chr22−region_1671
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Probability
States
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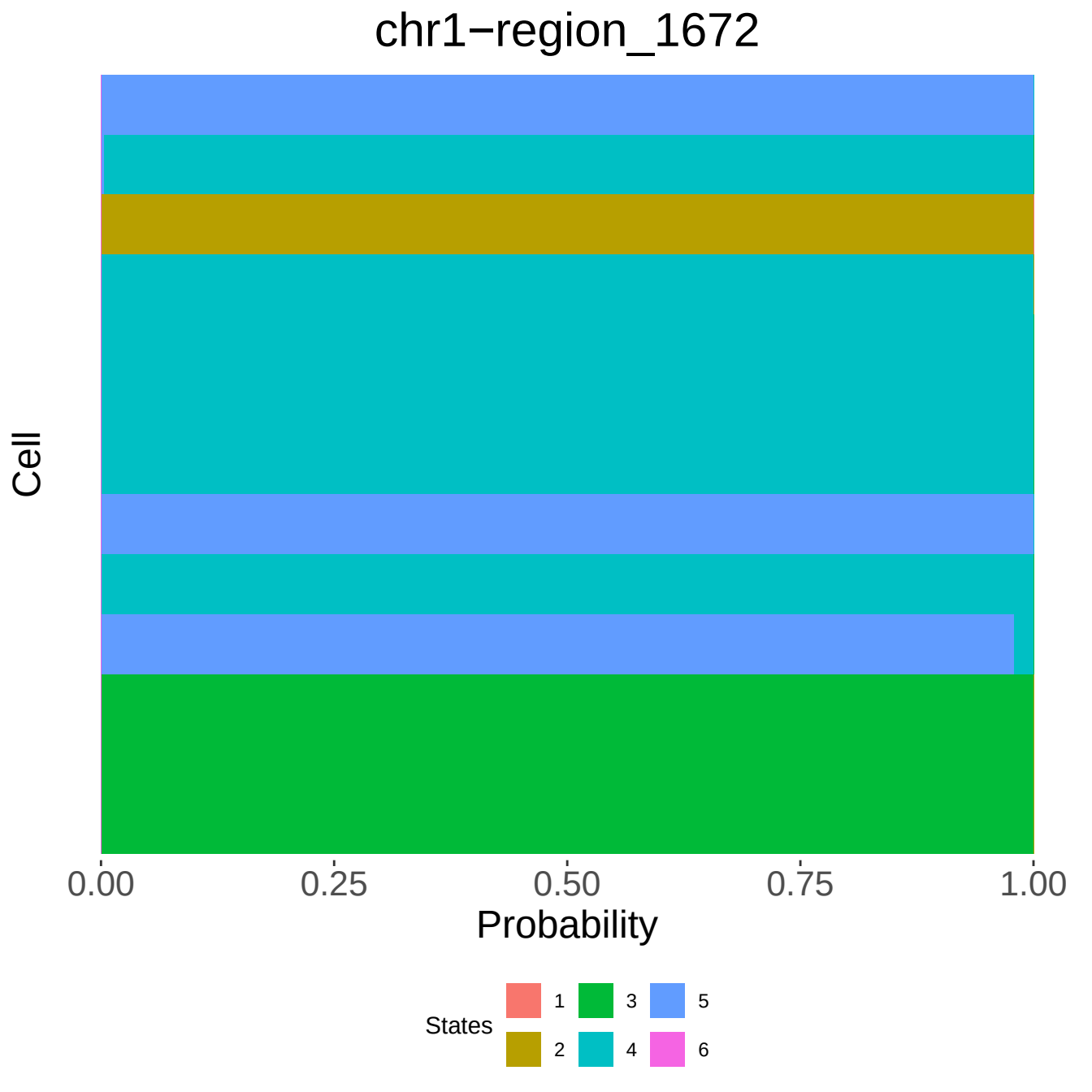
chr1−region_1672
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Probability
States
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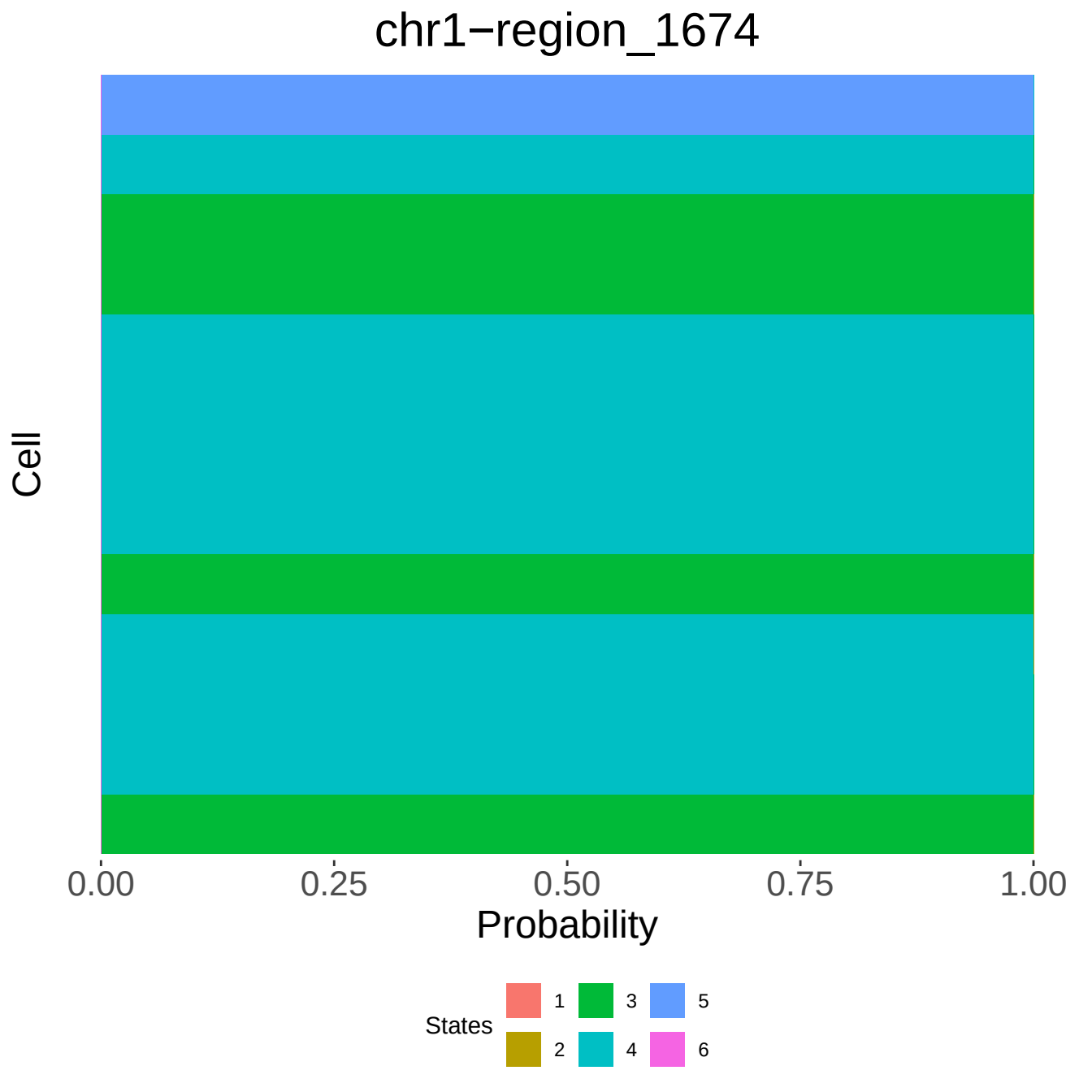
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Probability
States
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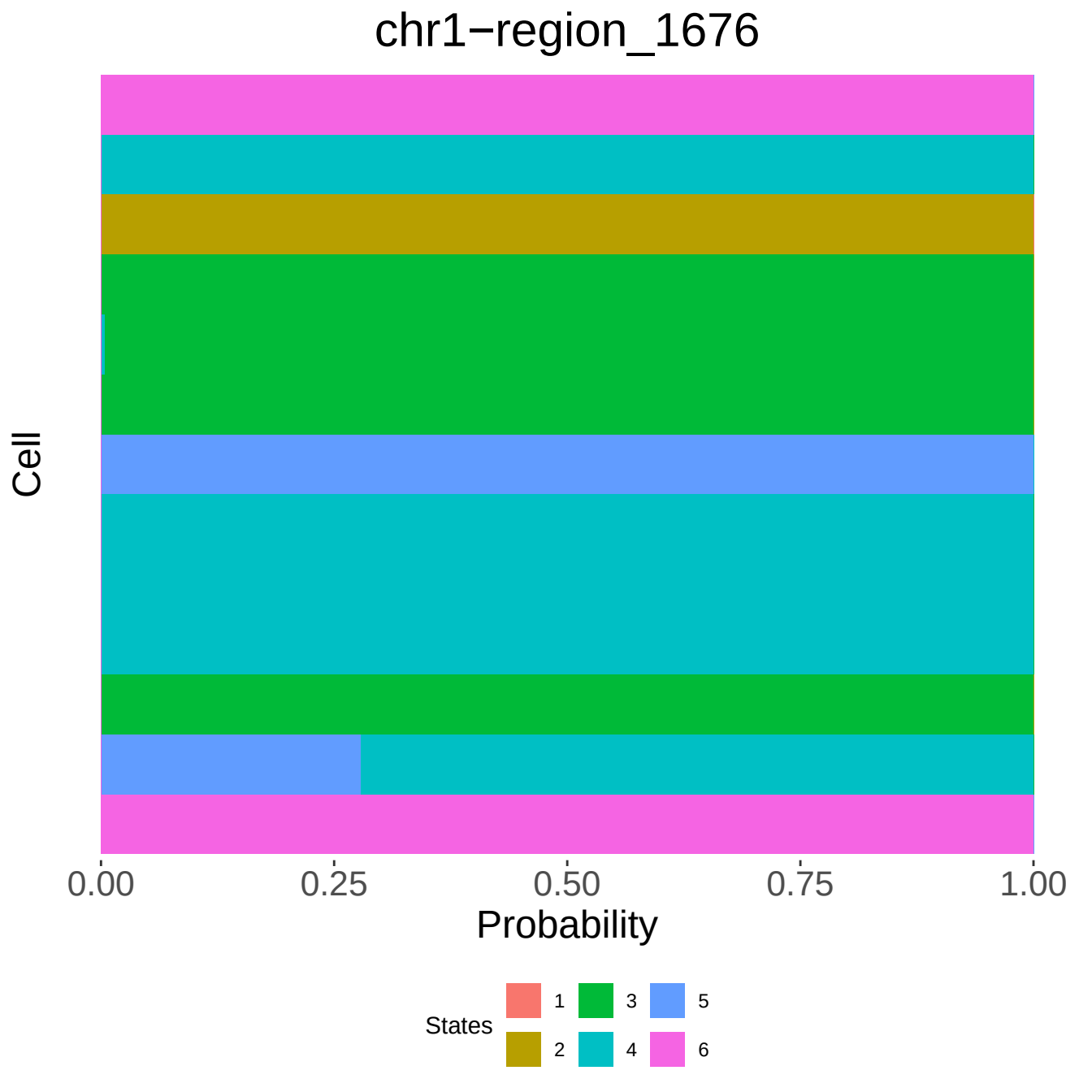
chr1−region_1676
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Probability
States
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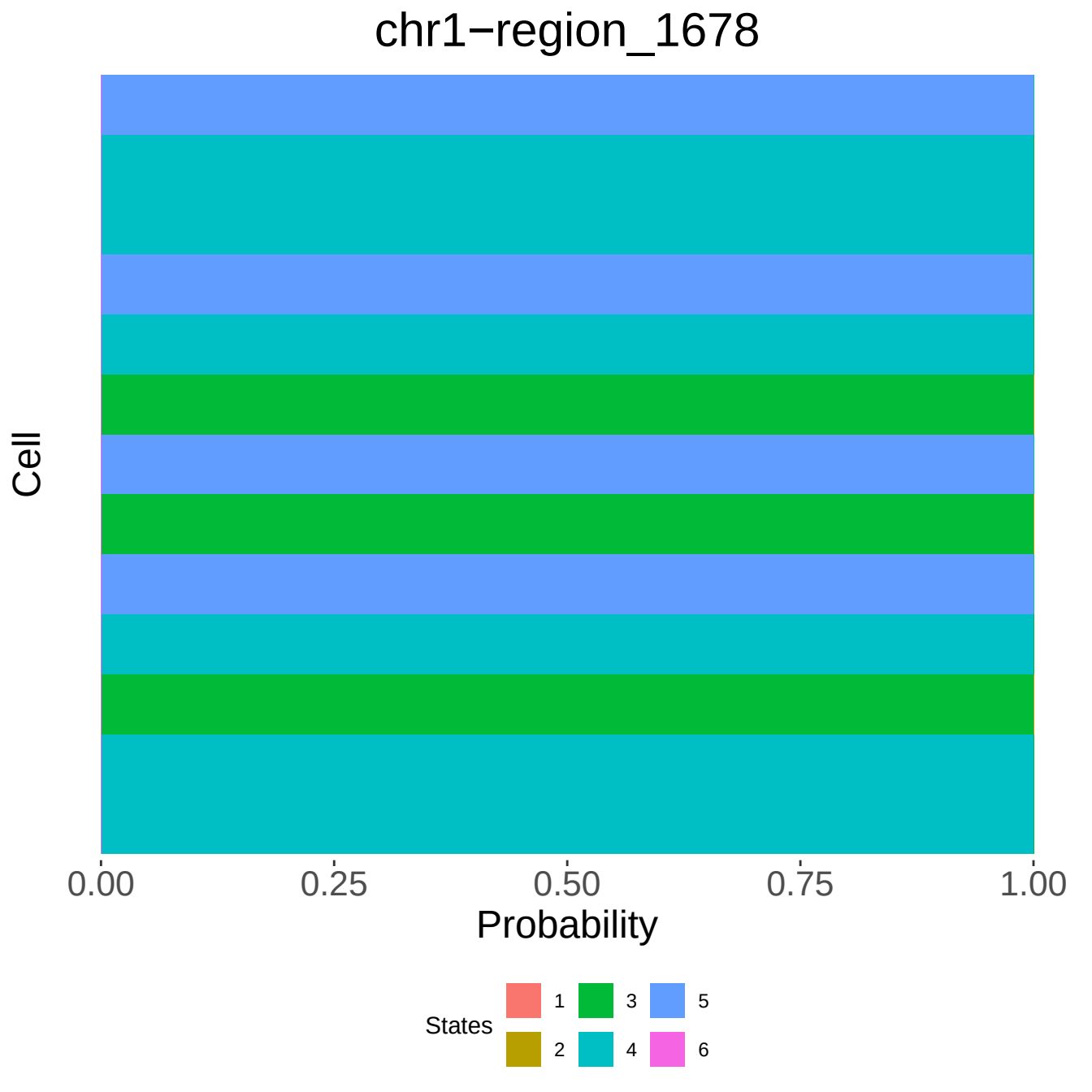
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Probability
States
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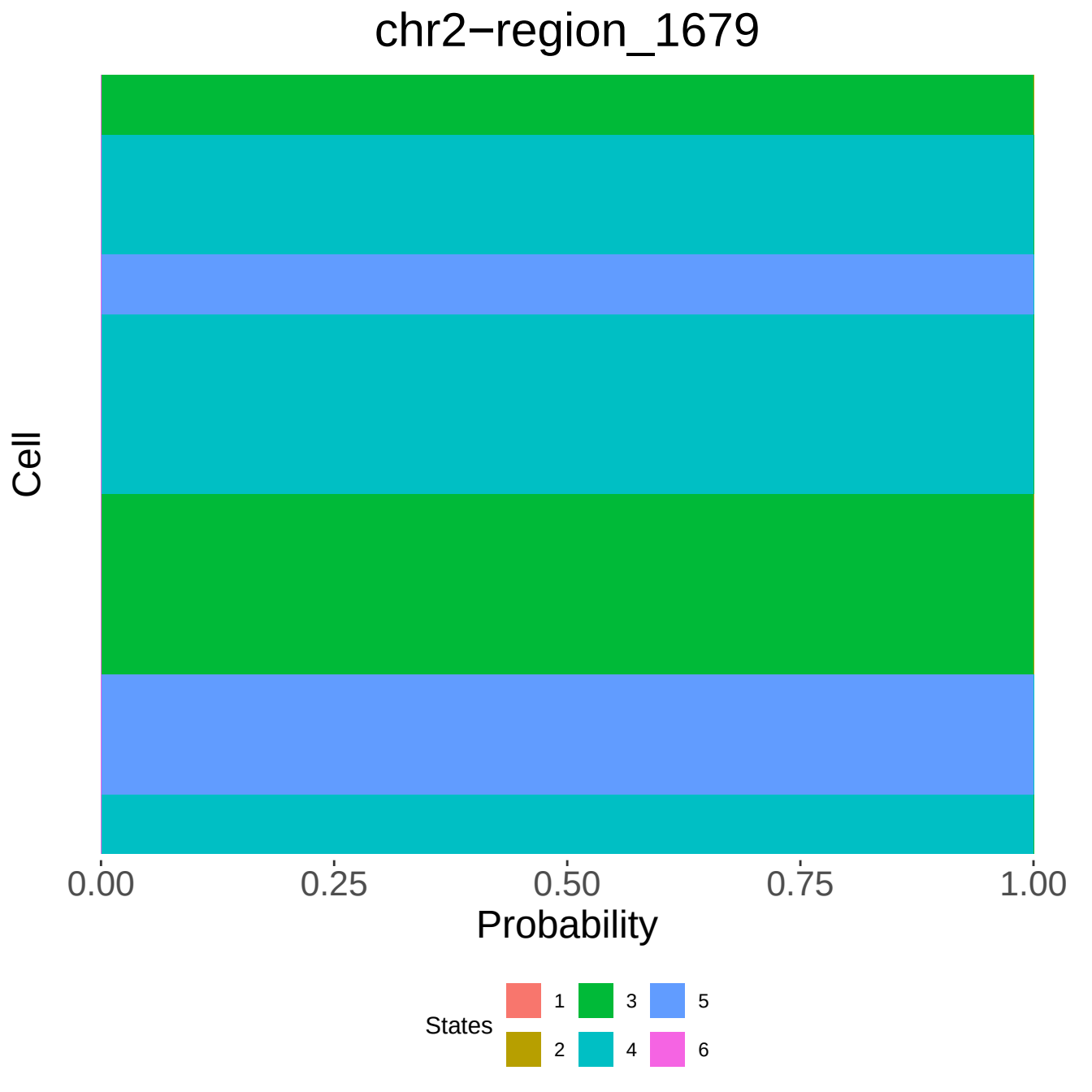
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Probability
States
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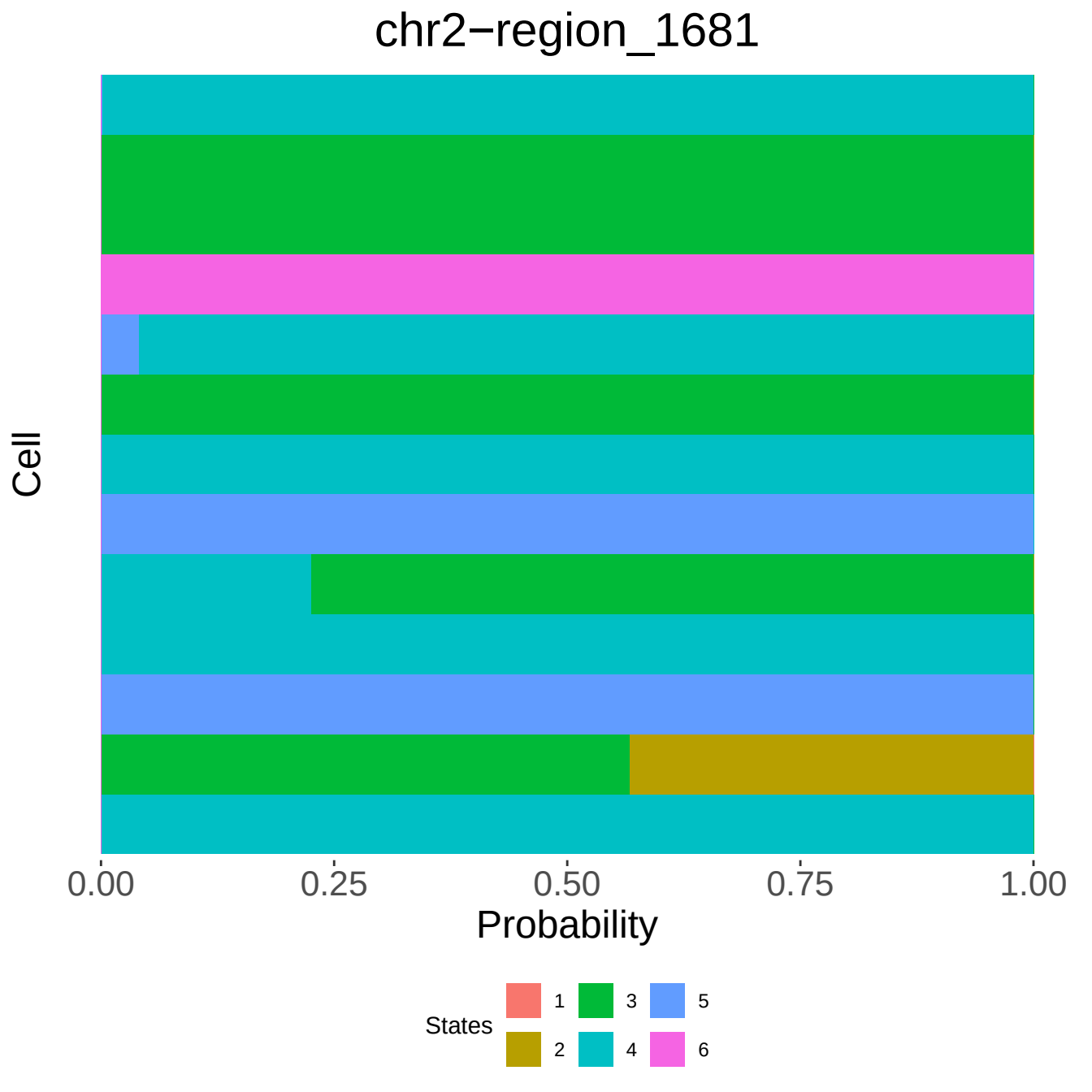
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Probability
States
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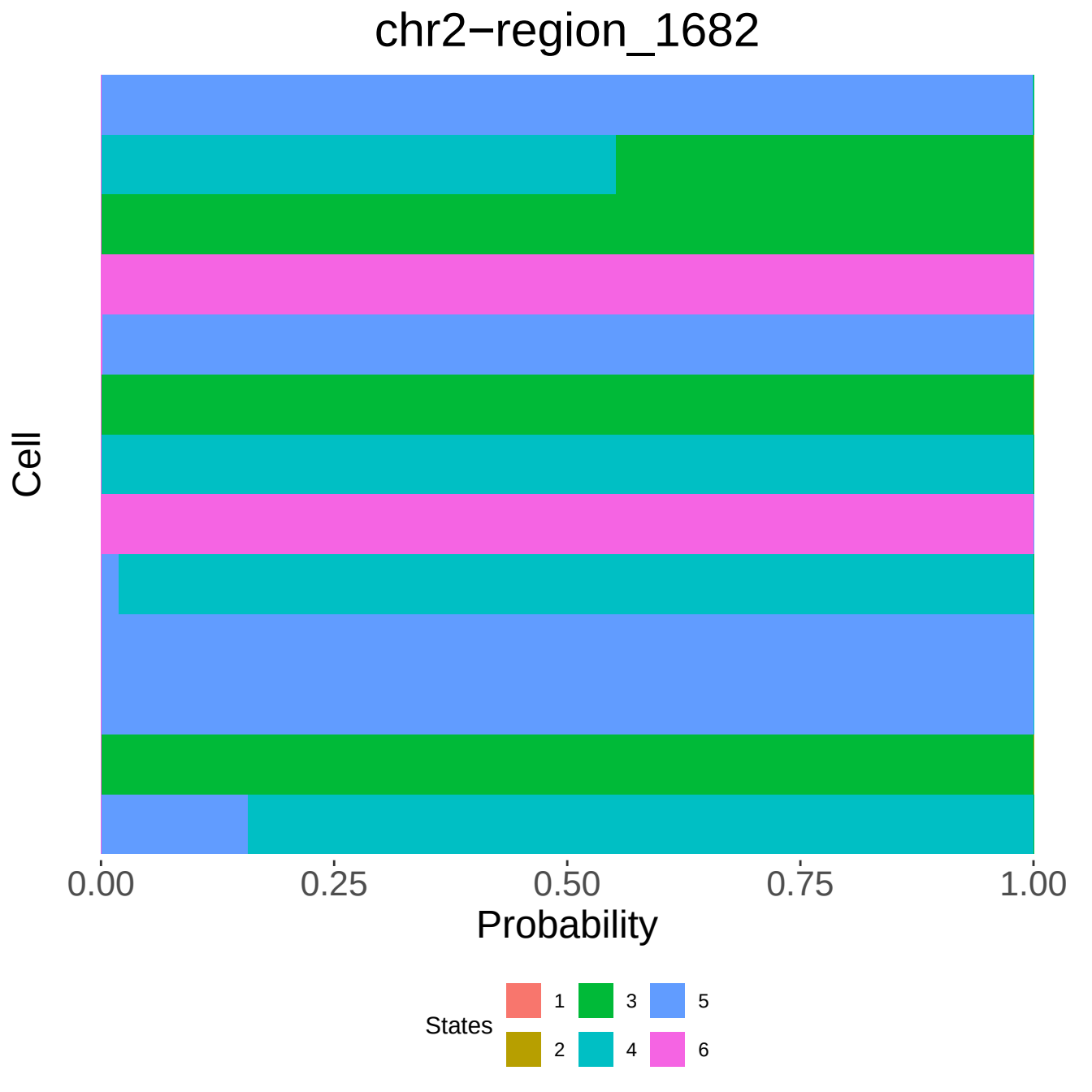
chr2−region_1682
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Probability
States
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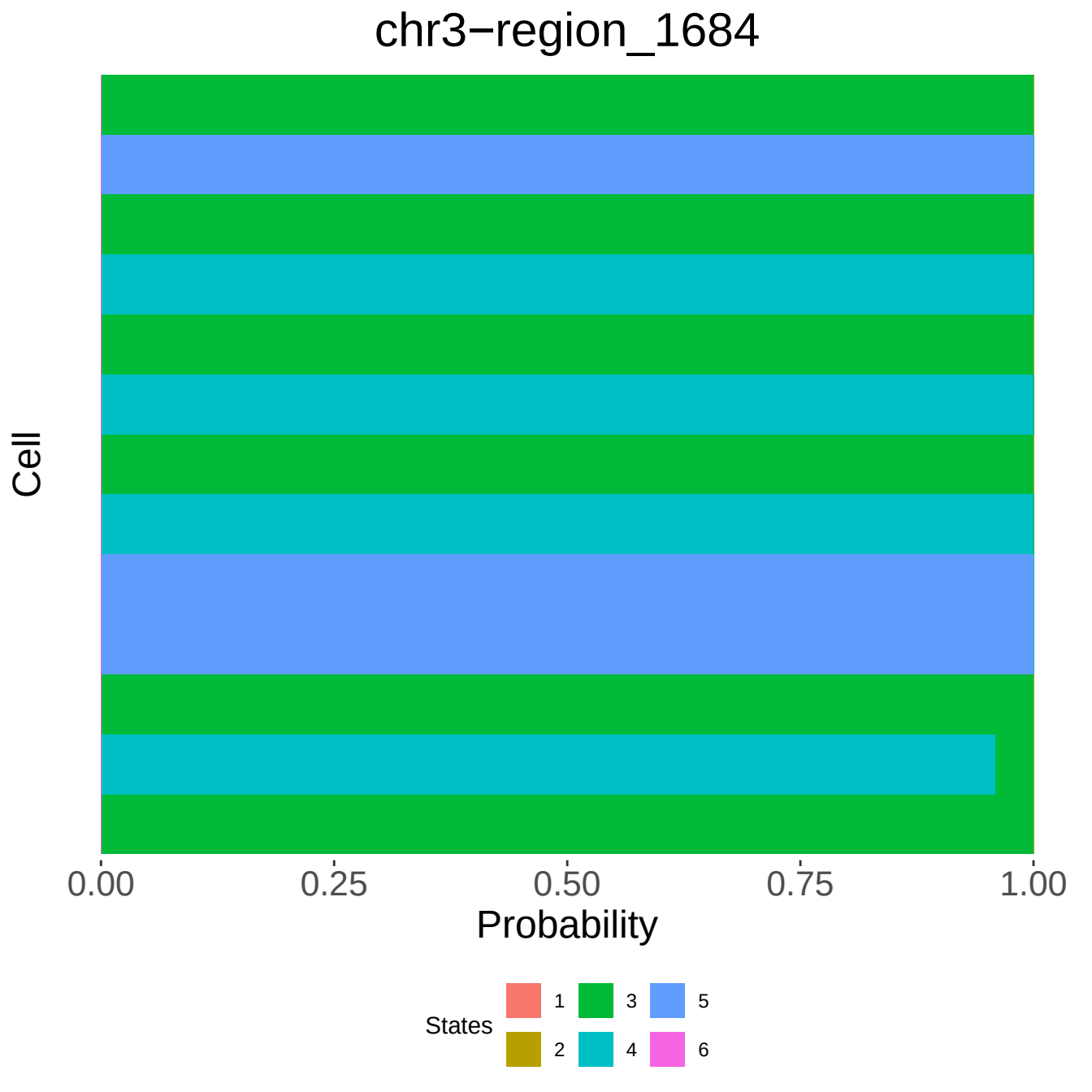
chr3−region_1684
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Probability
States
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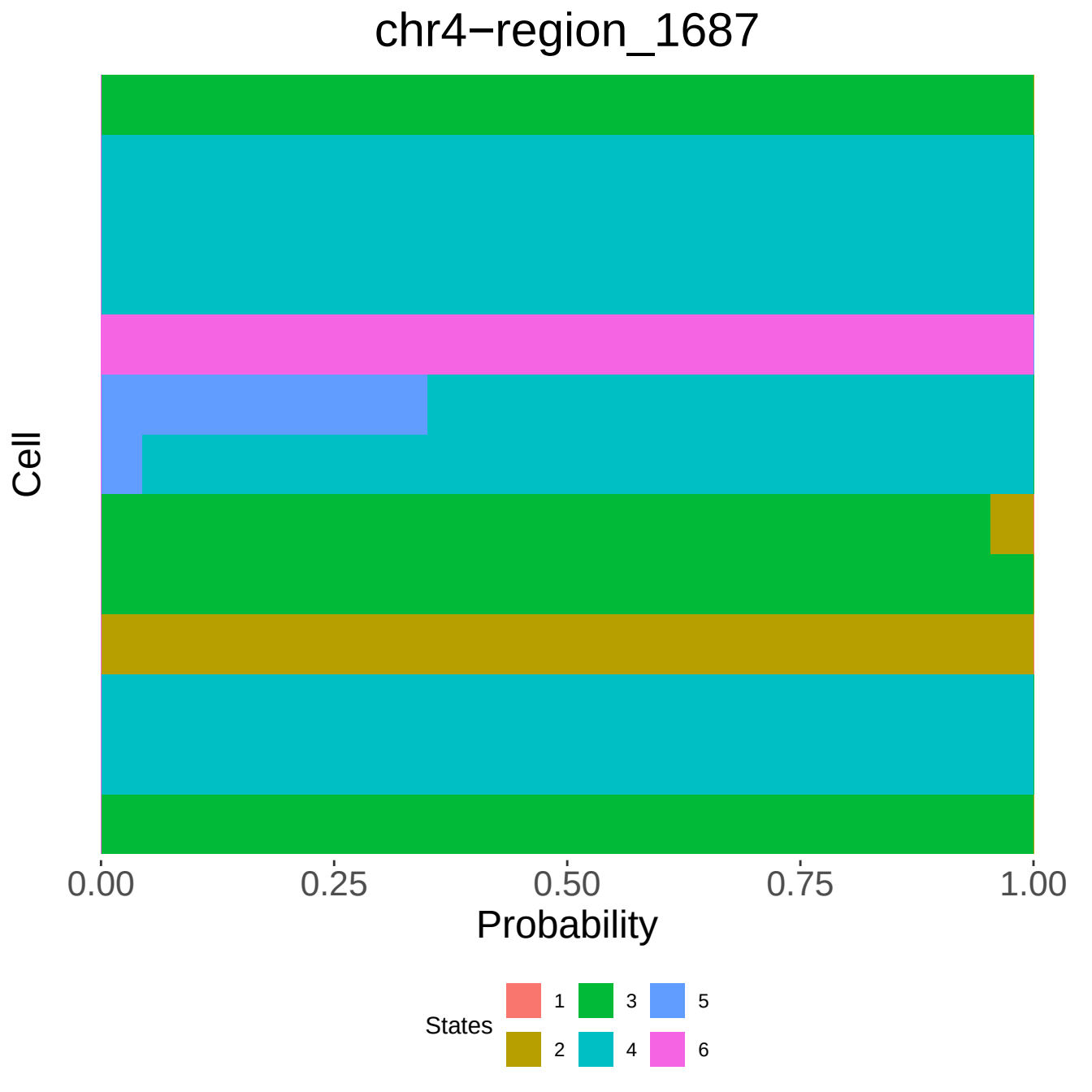
chr4−region_1687
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Probability
States
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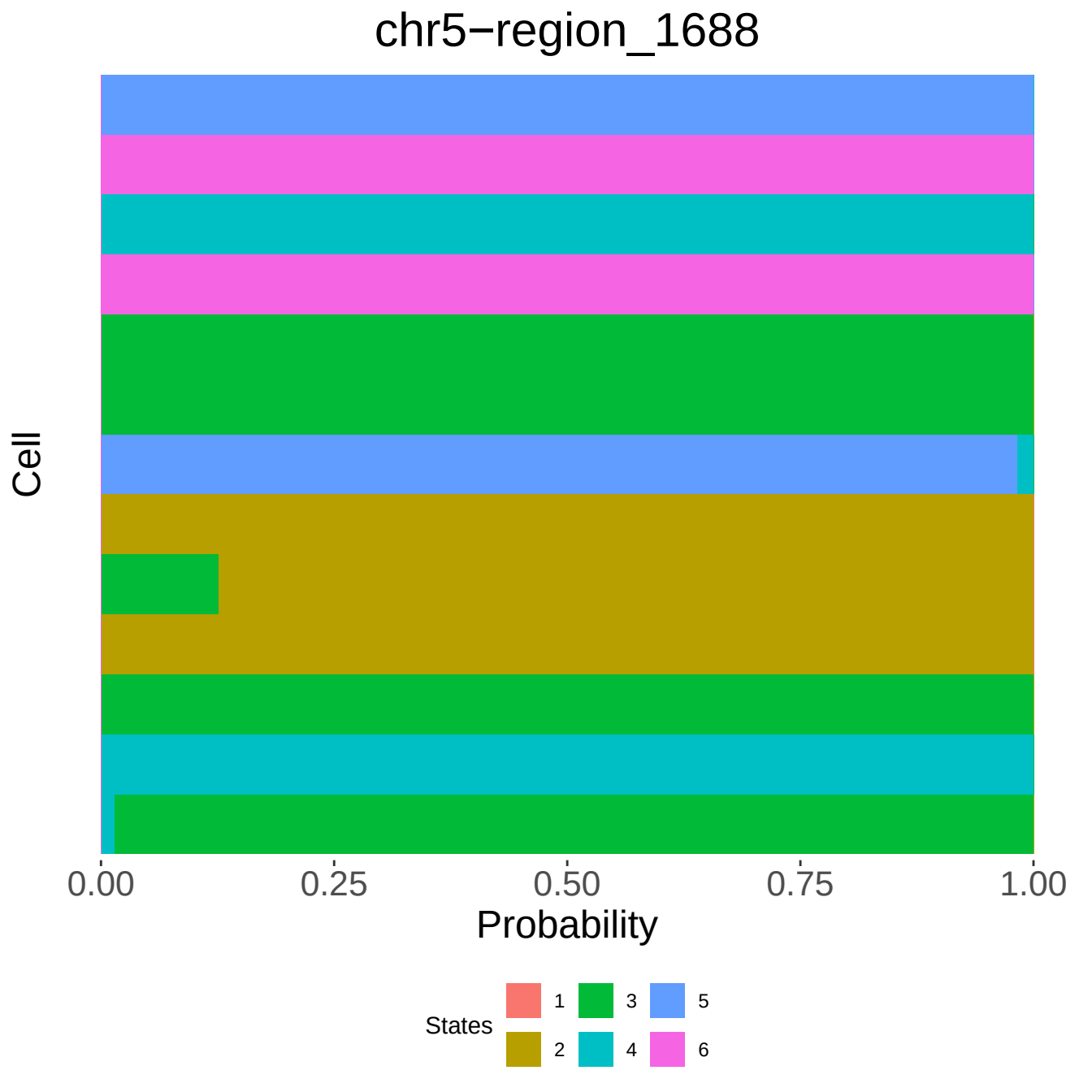
chr5−region_1688
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Probability
States
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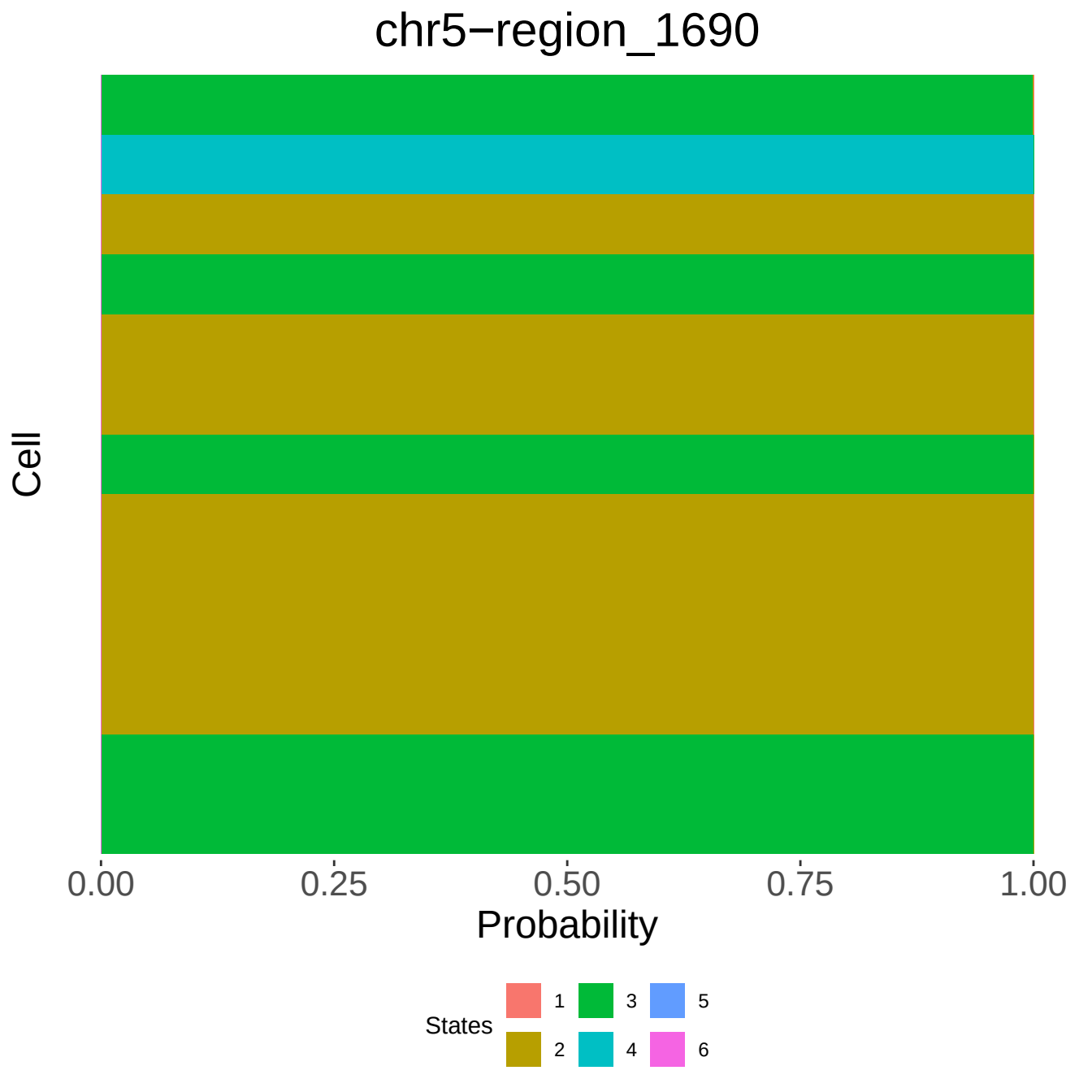
chr5−region_1690
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Probability
States
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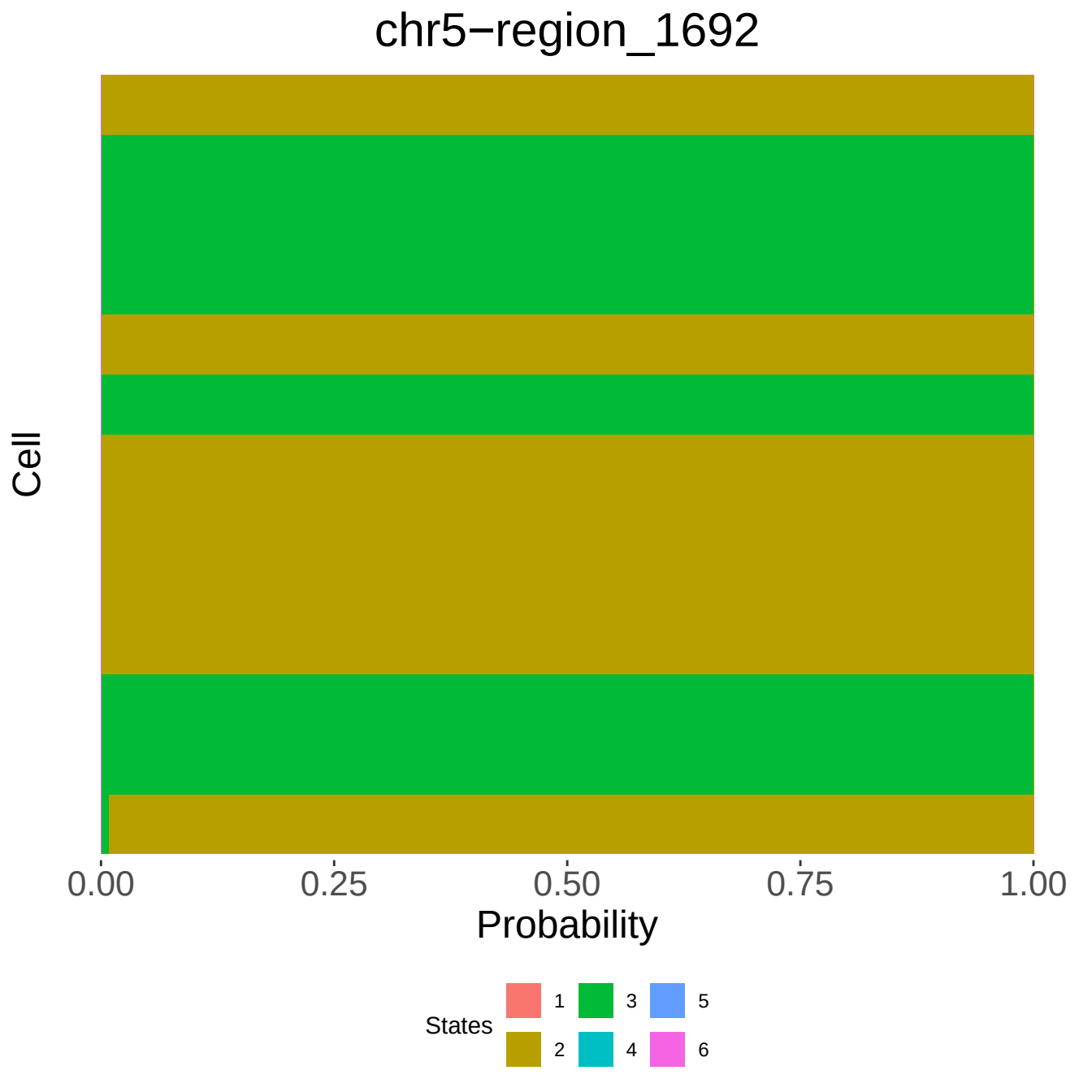
chr5−region_1692
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Probability
States
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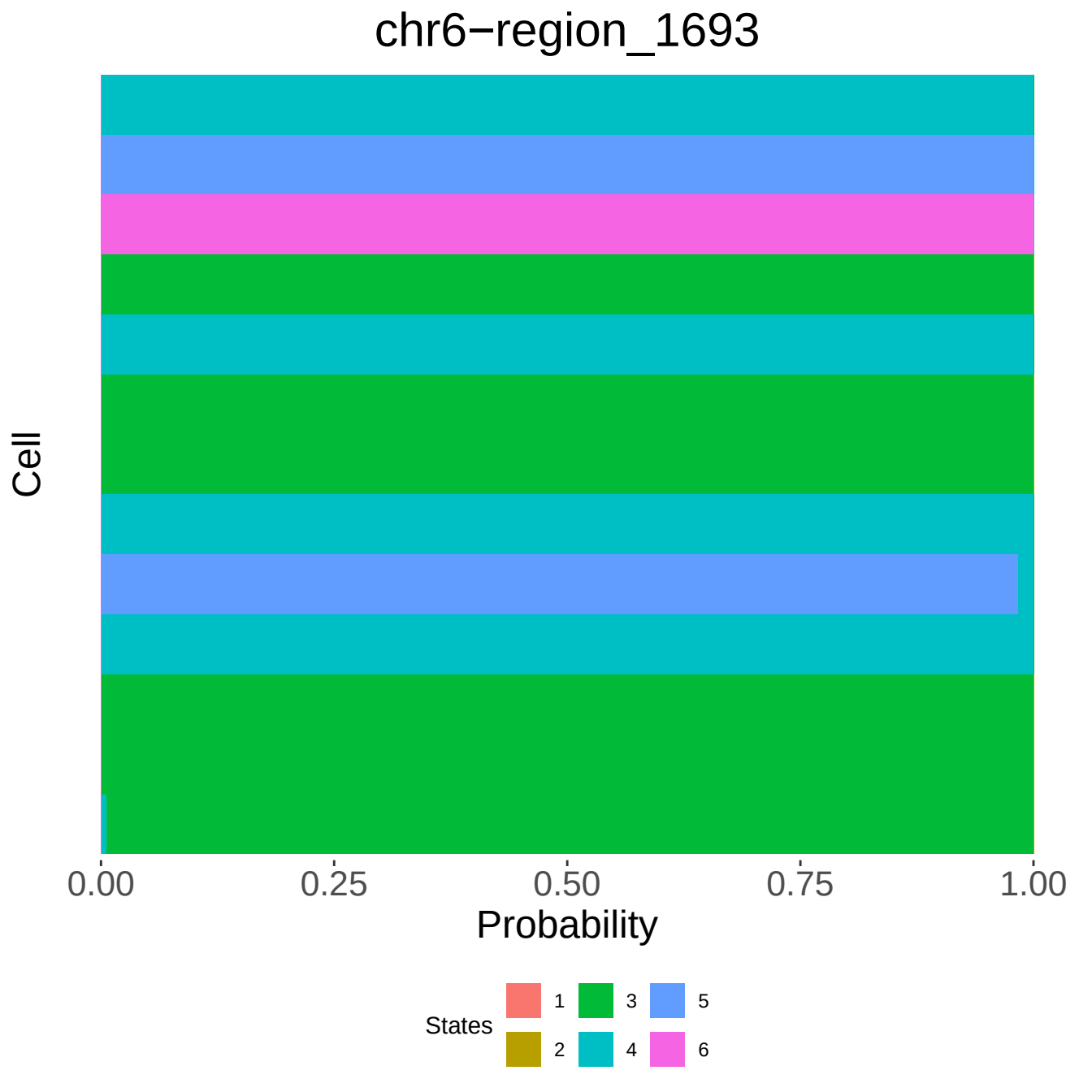
chr6−region_1693
Cell
0.00
0.25
0.50
0.75
1.00
Probability
States
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2
3
4
5
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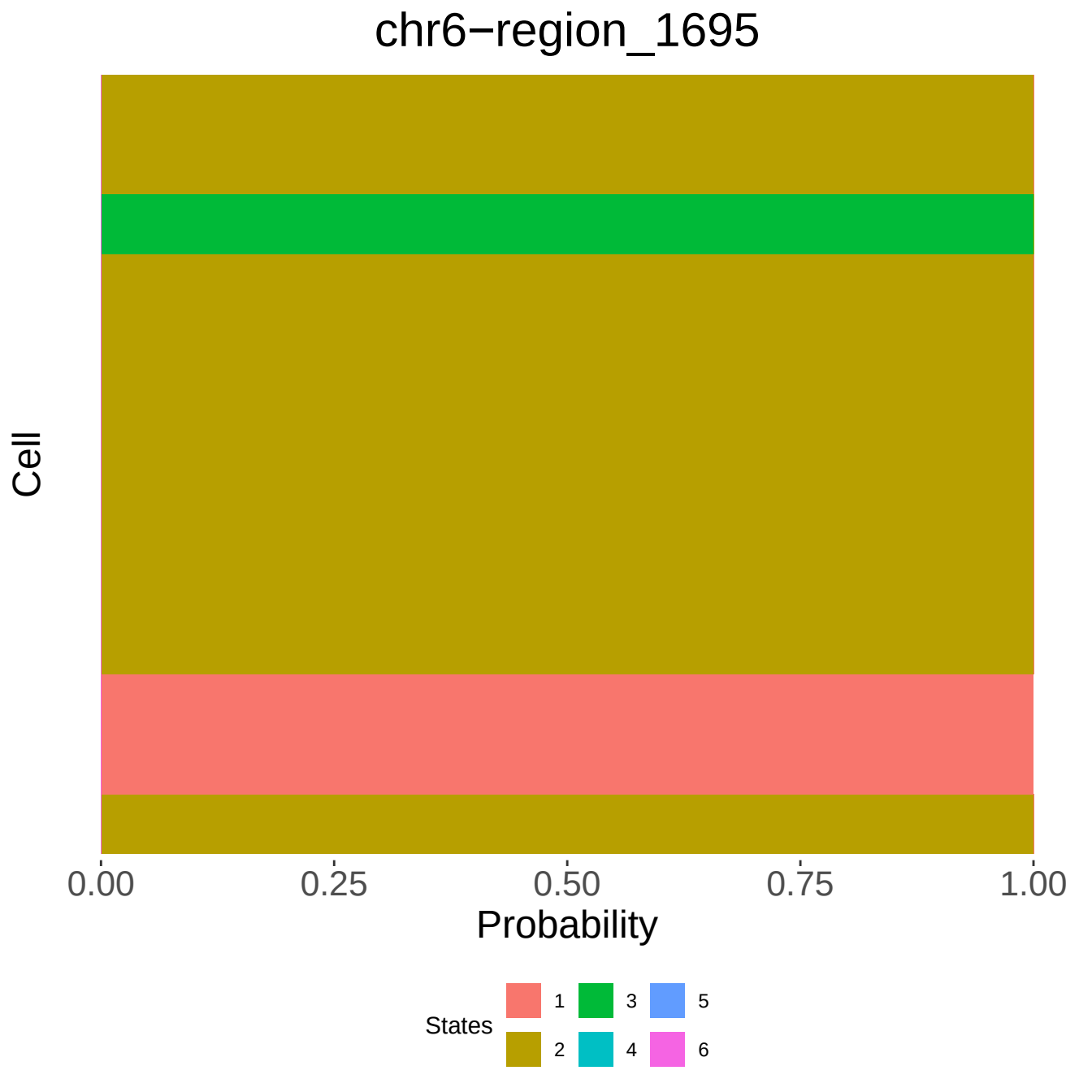
chr6−region_1695
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0.75
1.00
Probability
States
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4
5
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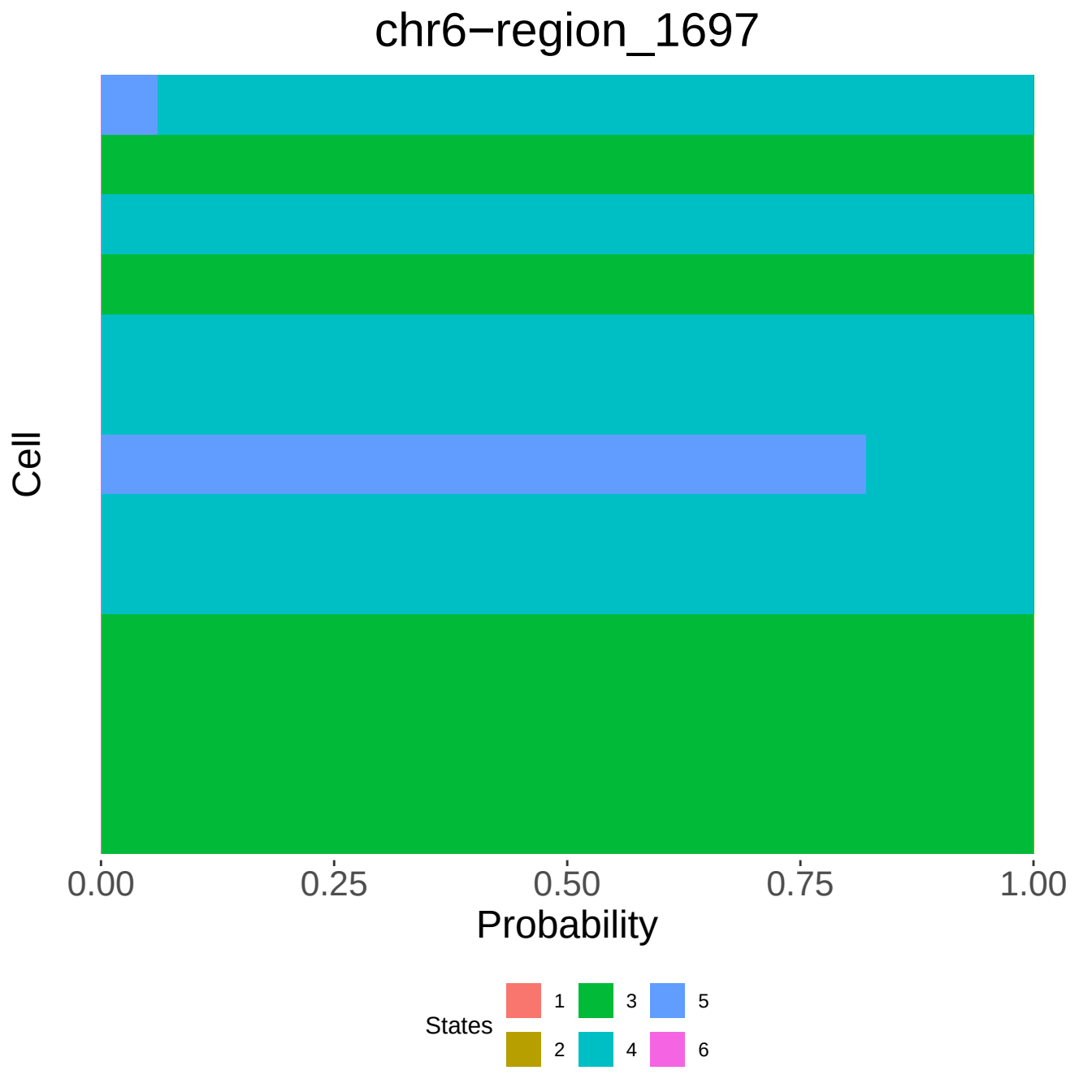
chr6−region_1697
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0.75
1.00
Probability
States
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3
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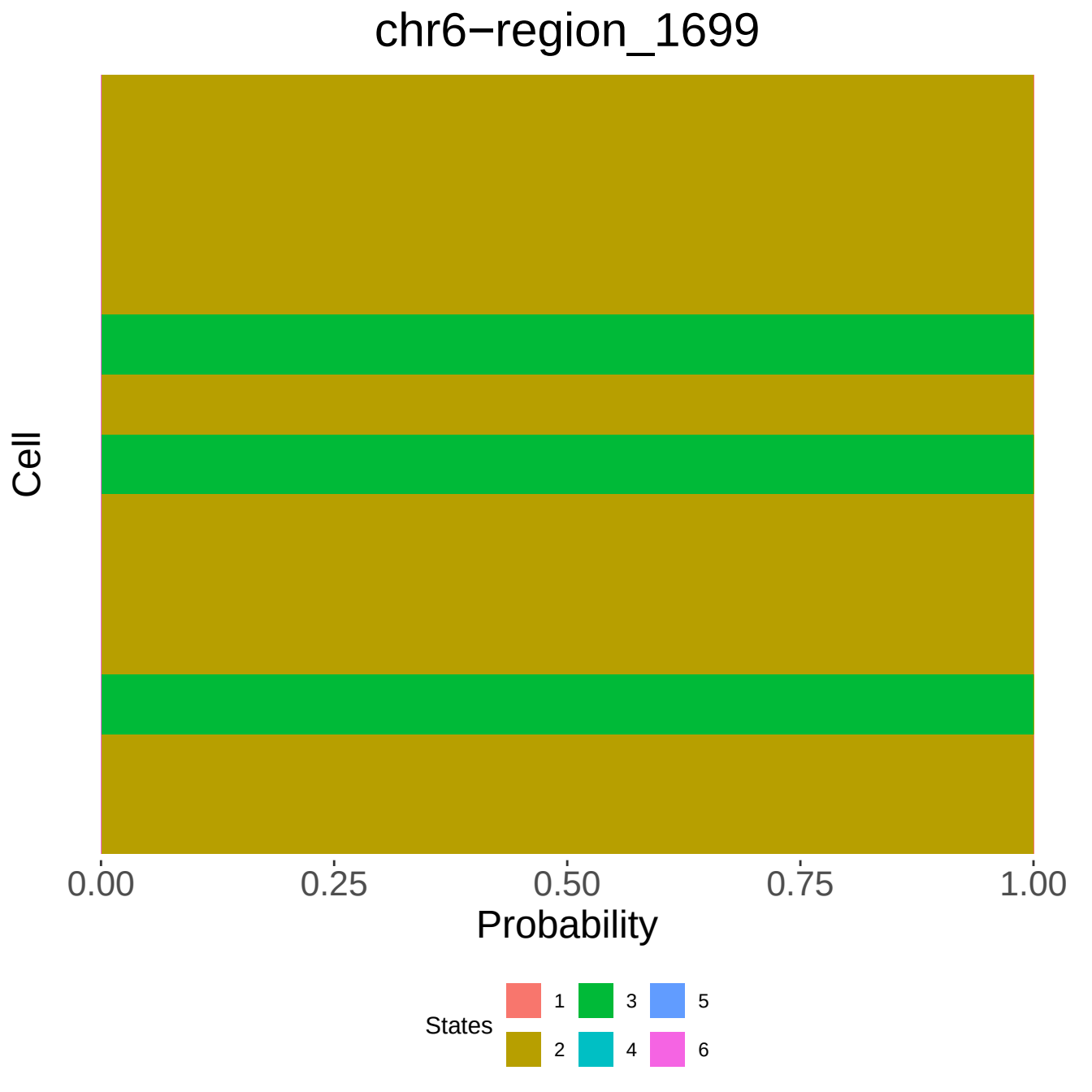
chr6−region_1699
Cell
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0.25
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0.75
1.00
Probability
States
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2
4
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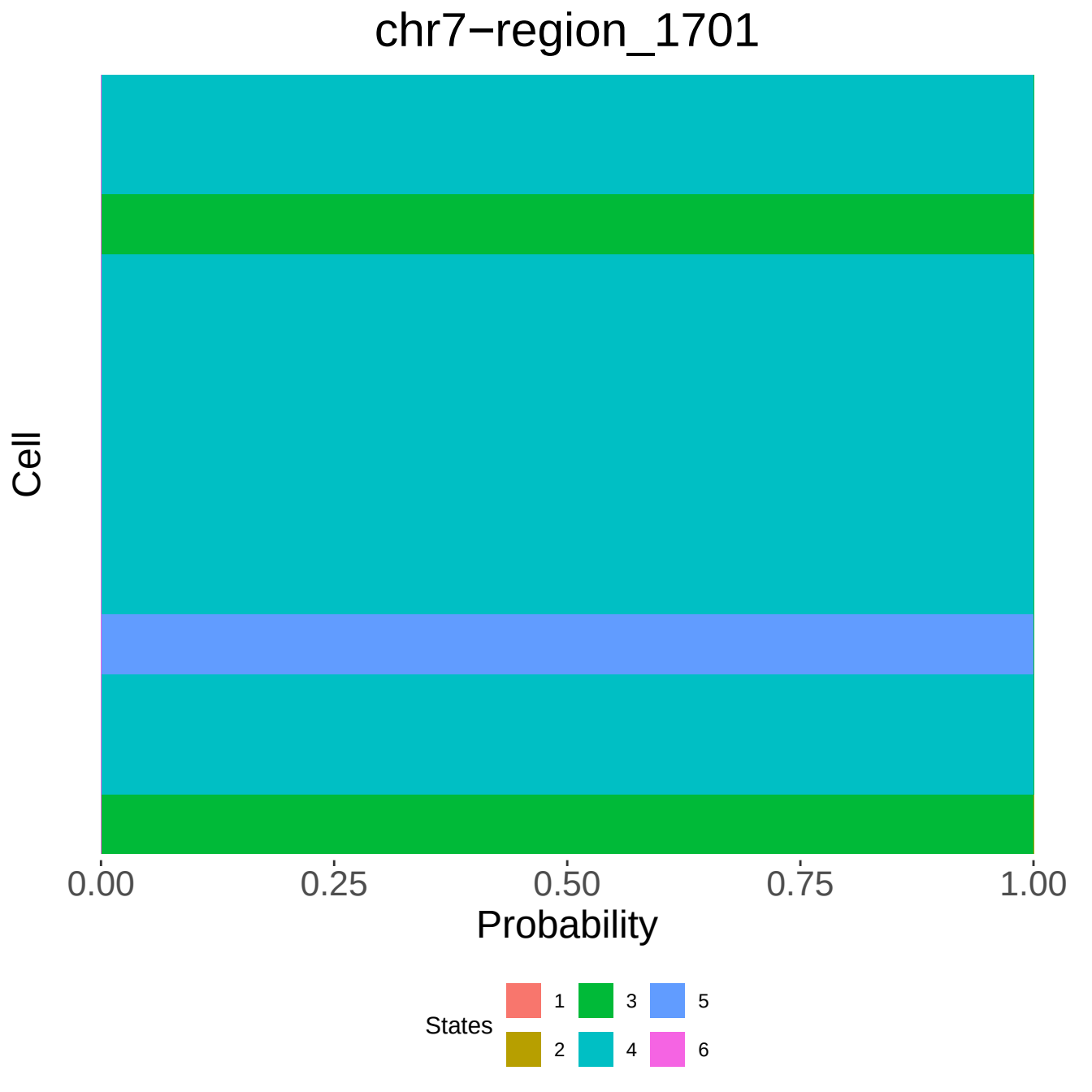
chr7−region_1701
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0.25
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0.75
1.00
Probability
States
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3
4
5
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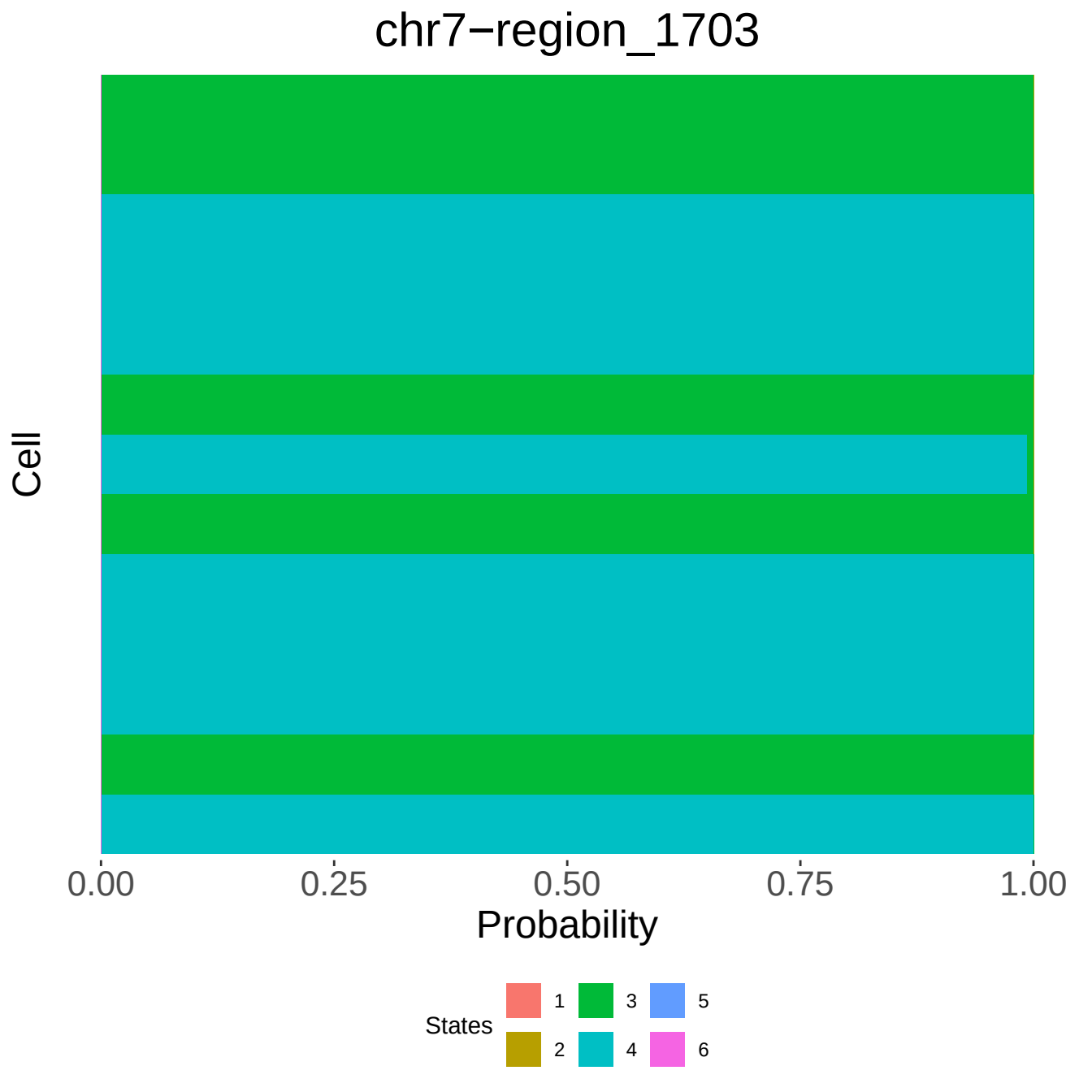
chr7−region_1703
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Probability
States
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3
4
5
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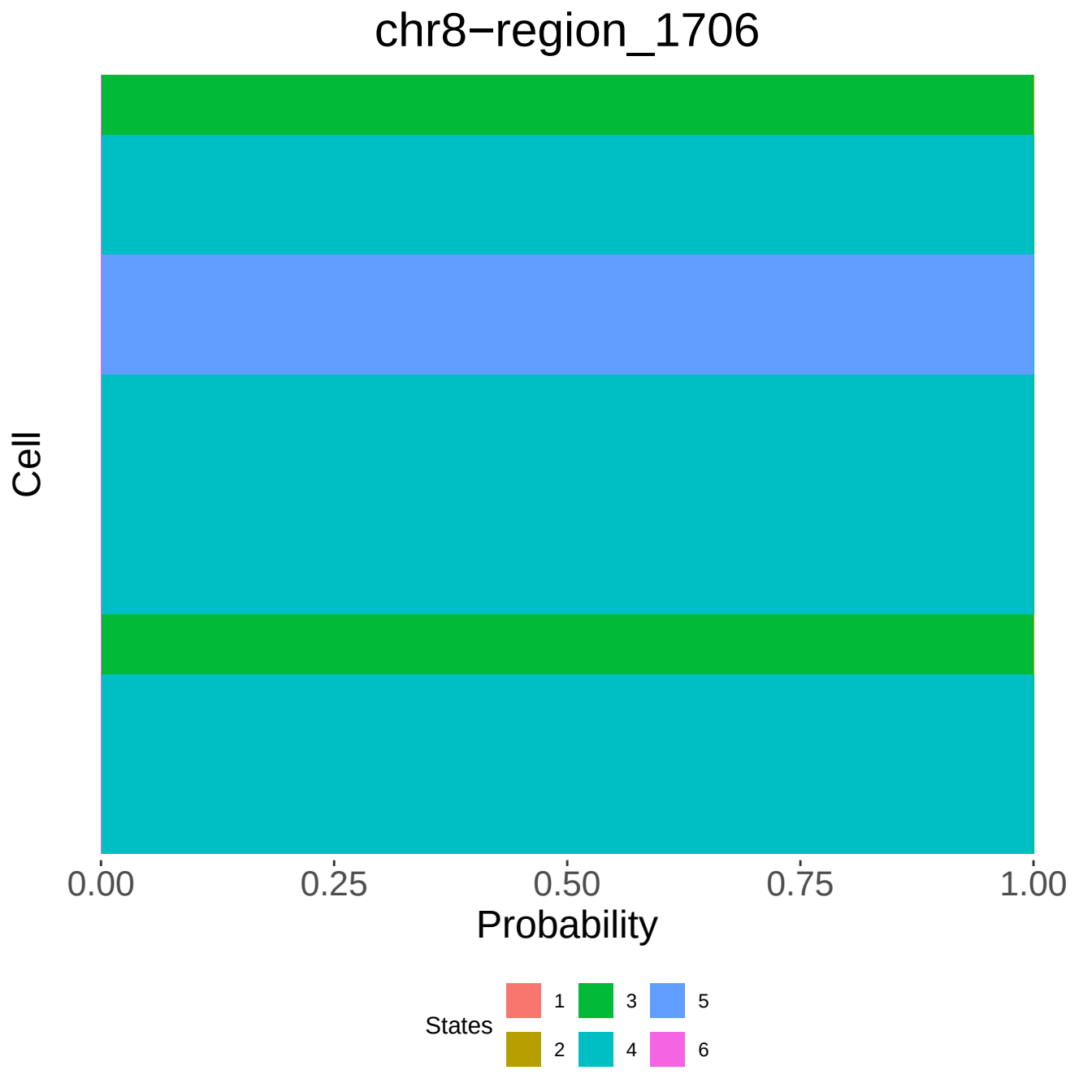
chr8−region_1706
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Probability
States
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5
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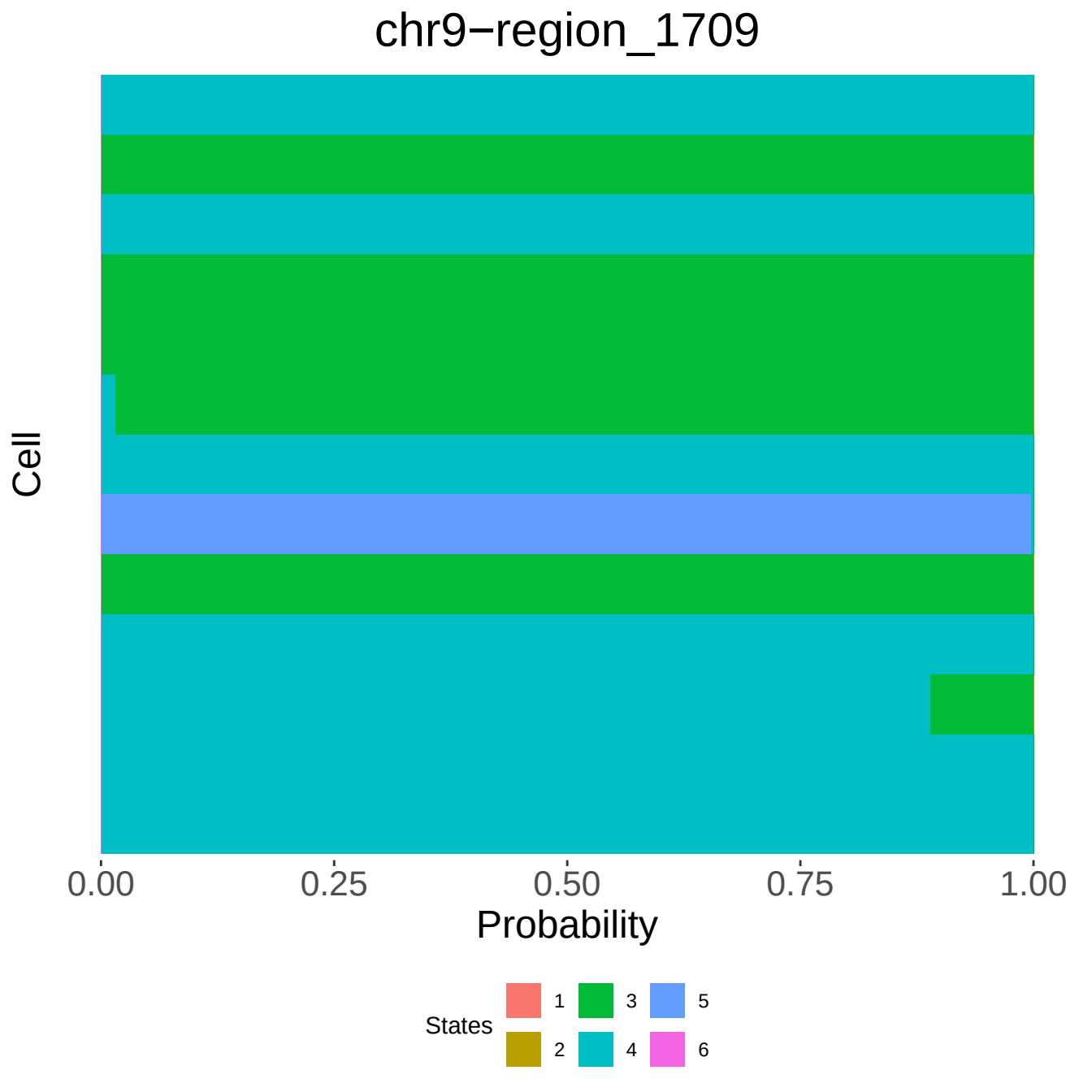
chr9−region_1709
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Probability
States
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3
4
5
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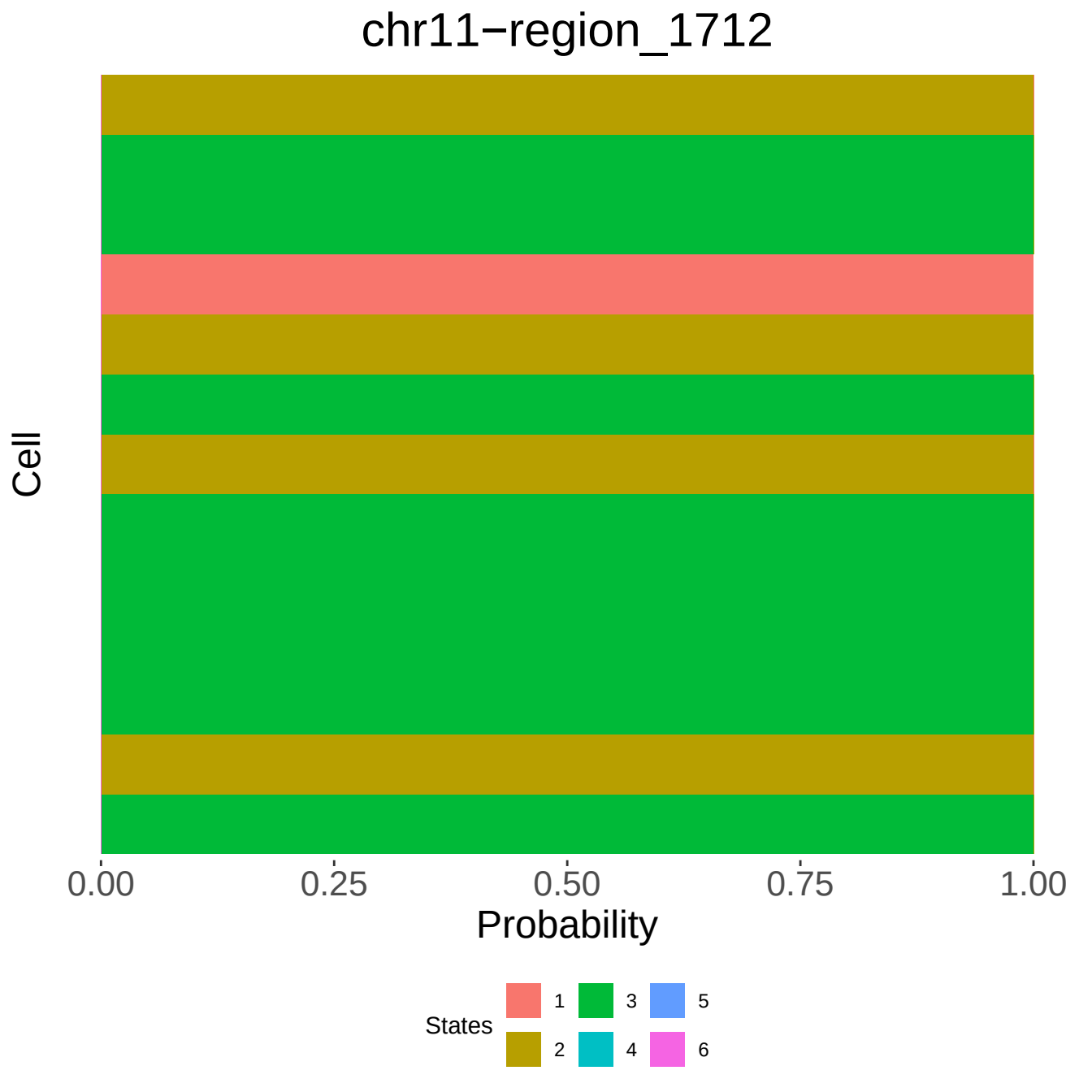
chr11−region_1712
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0.75
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Probability
States
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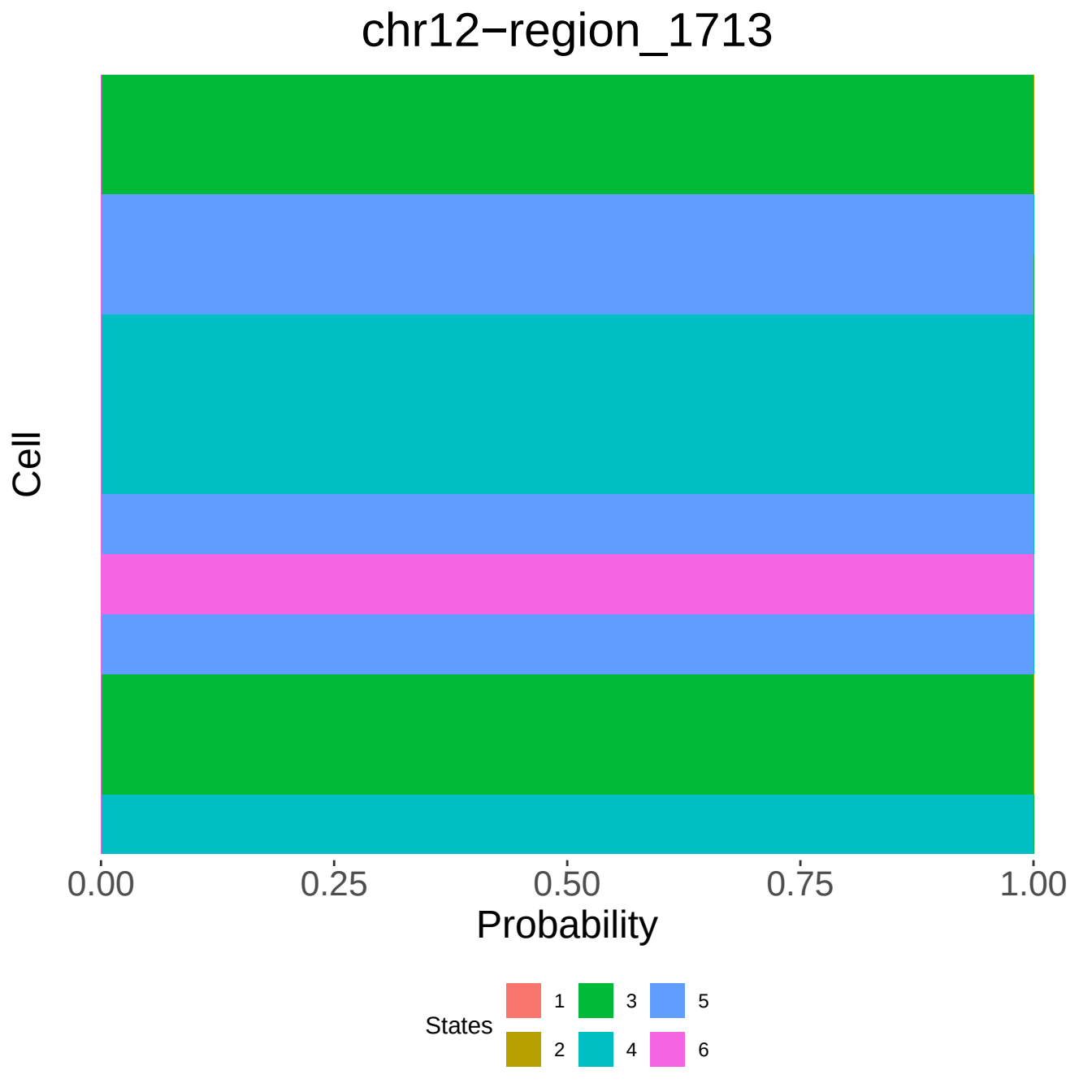
3
4
5
6


chr12−region_1713
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Probability
States
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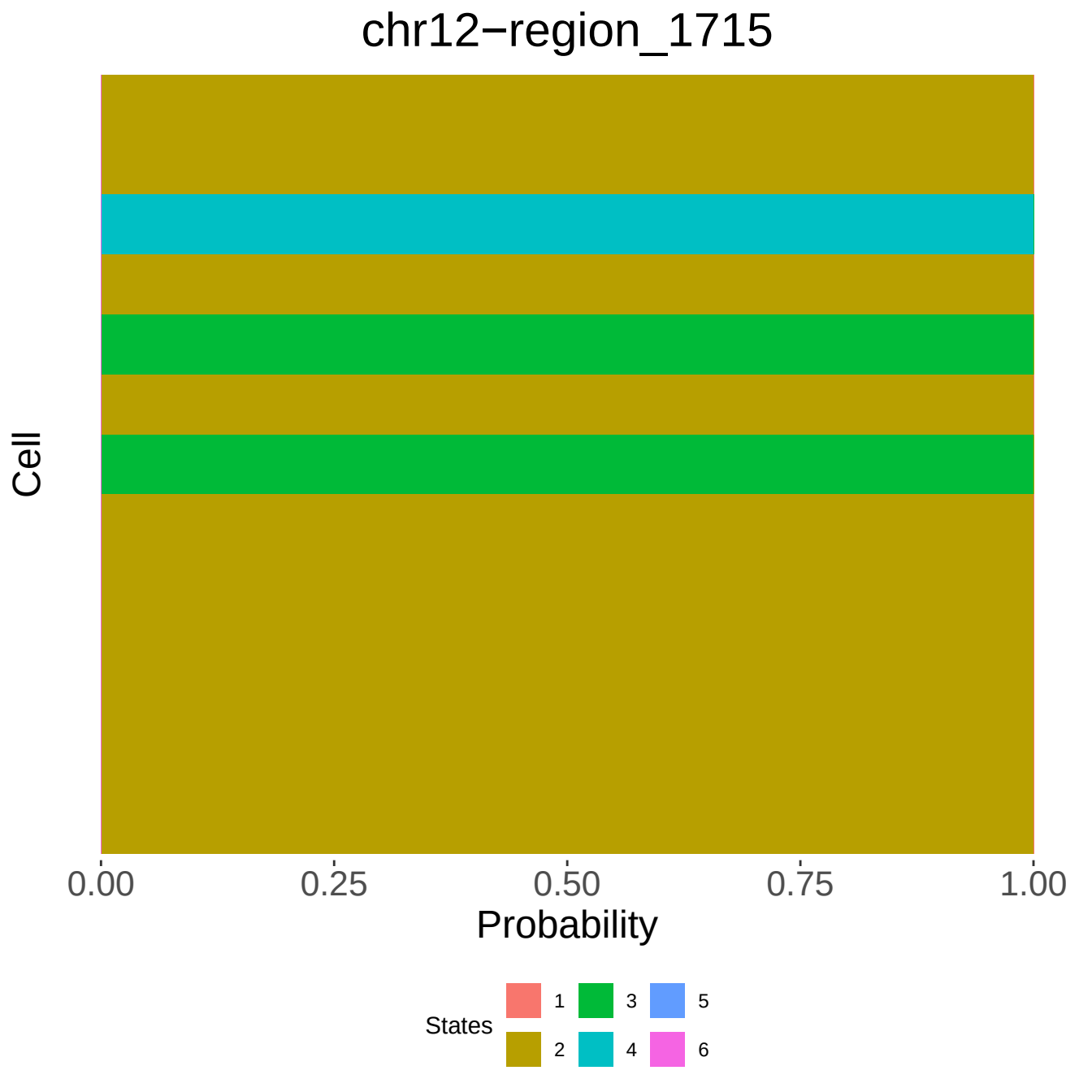
2
3
4
5
6


chr12−region_1715
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Probability
States
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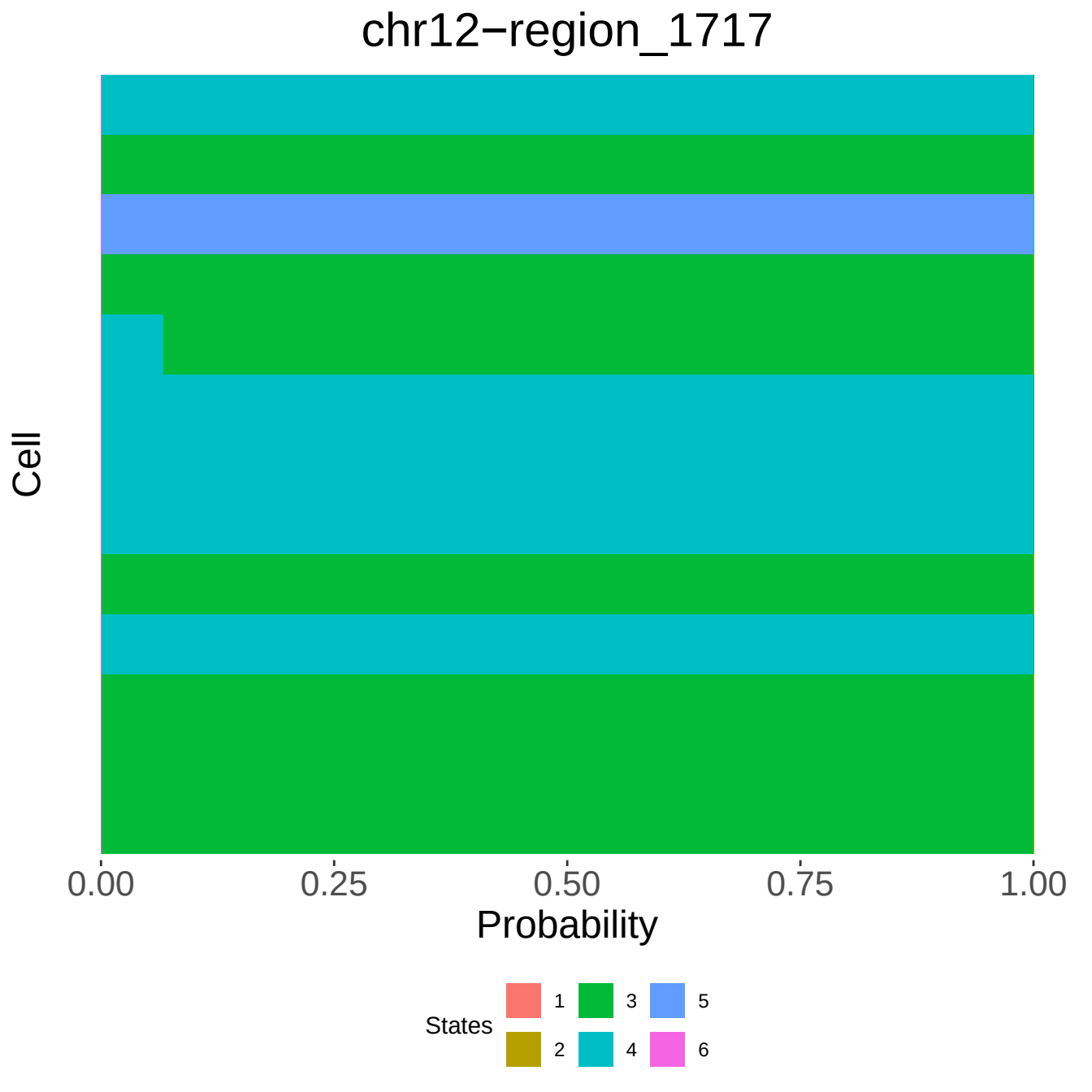
3
4
5
6


chr12−region_1717
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Probability
States
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3
4
5
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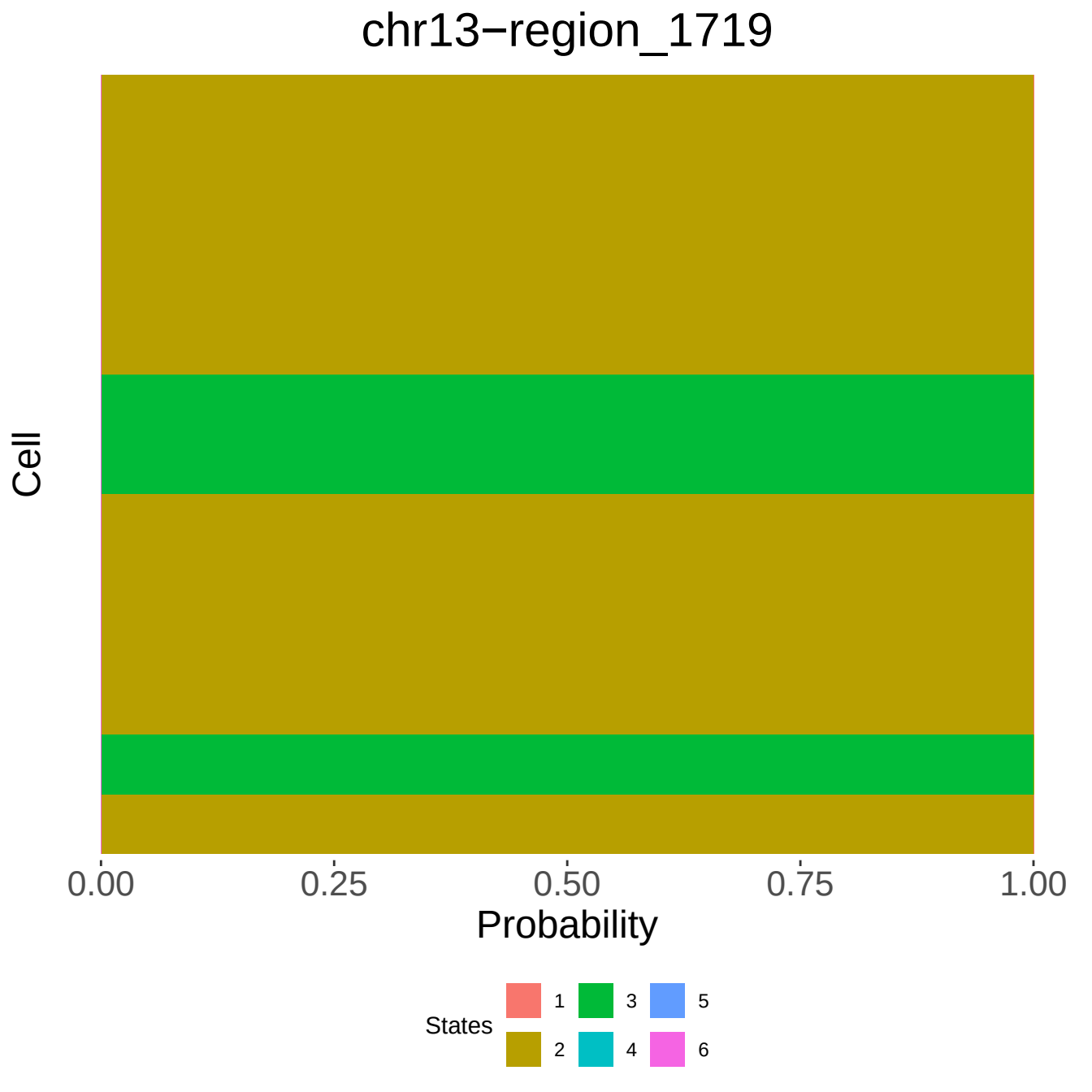
chr13−region_1719
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Probability
States
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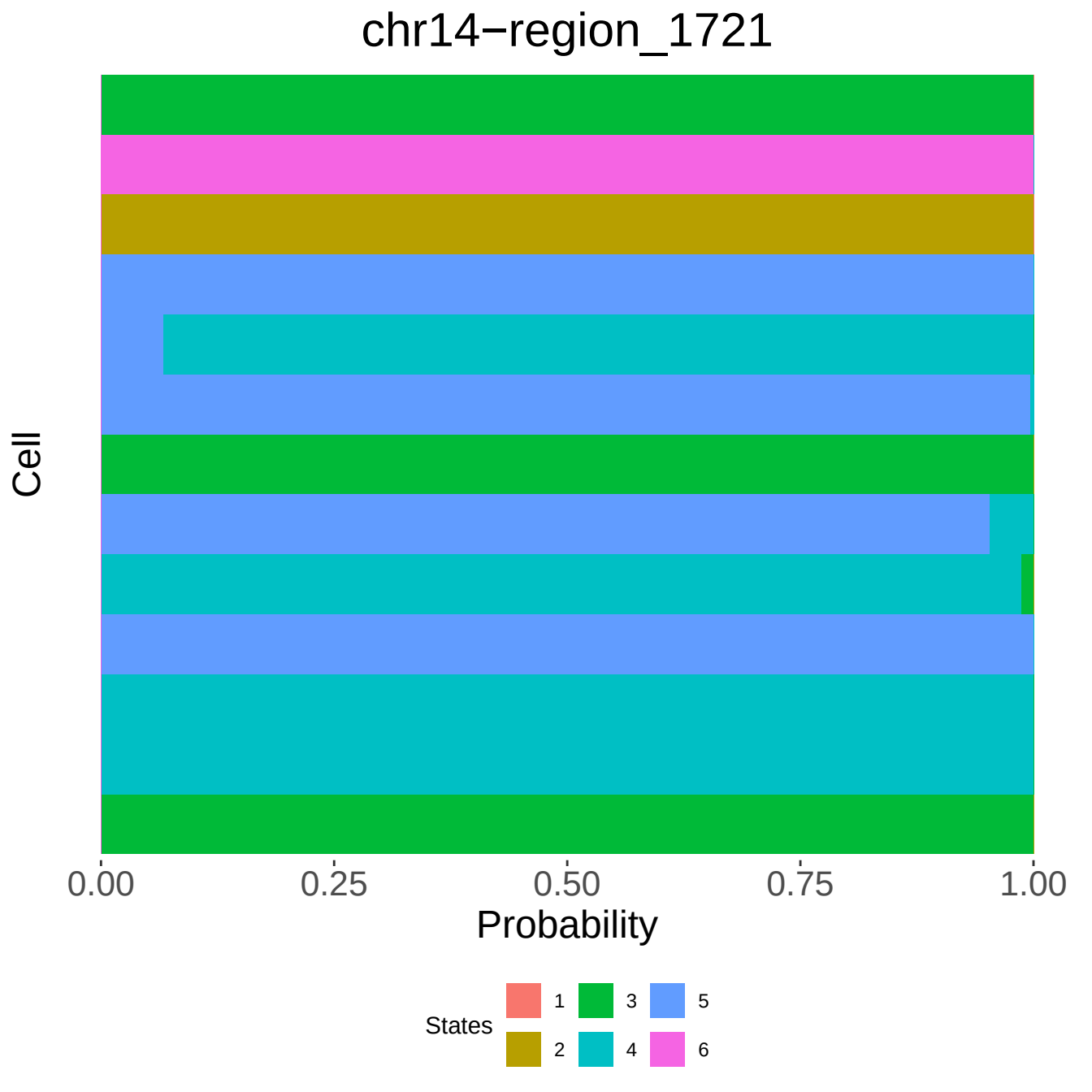
2
3
4
5
6


chr14−region_1721
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Probability
States
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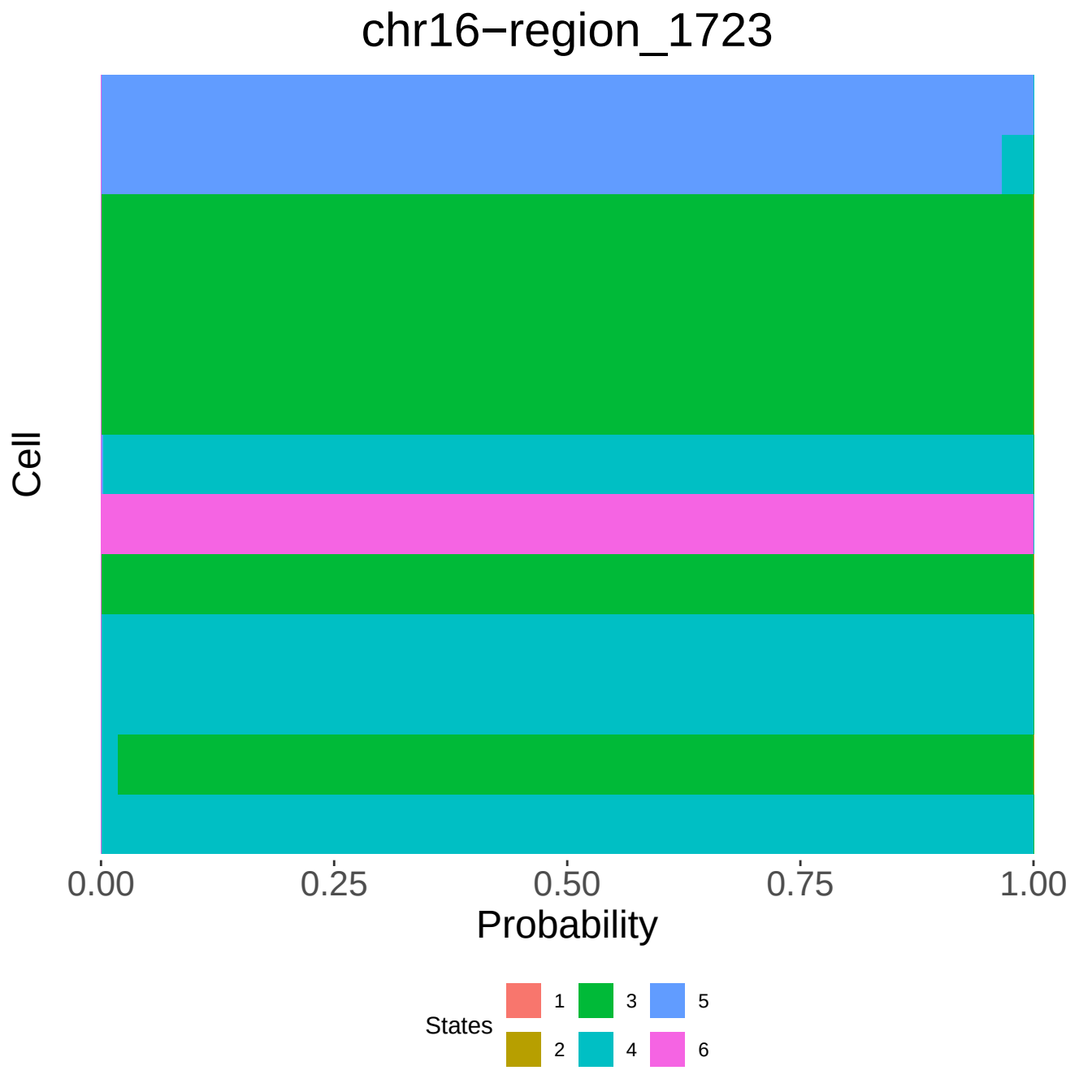
2
4
6


chr16−region_1723
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Probability
States
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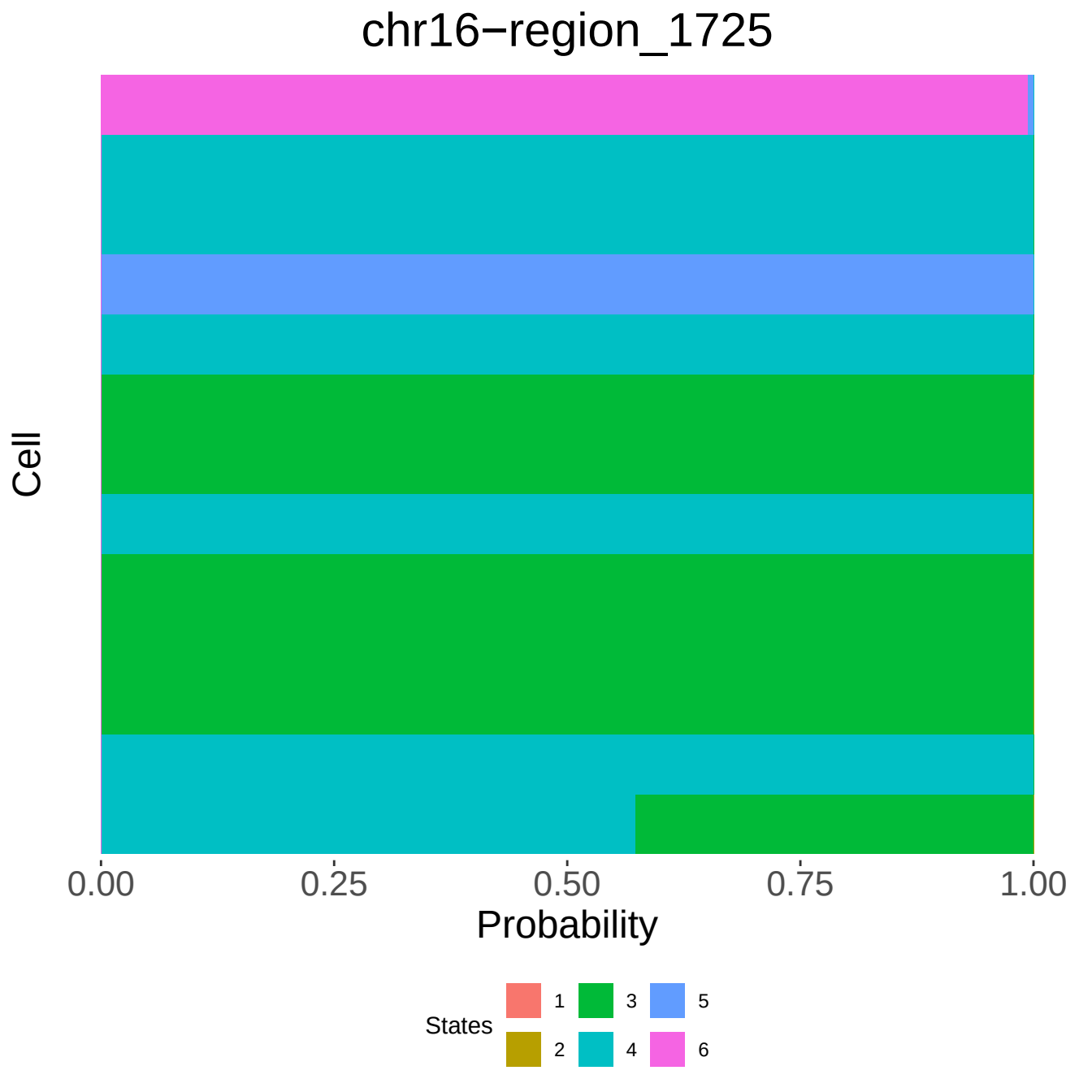
3
4
5
6


chr16−region_1725
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Probability
States
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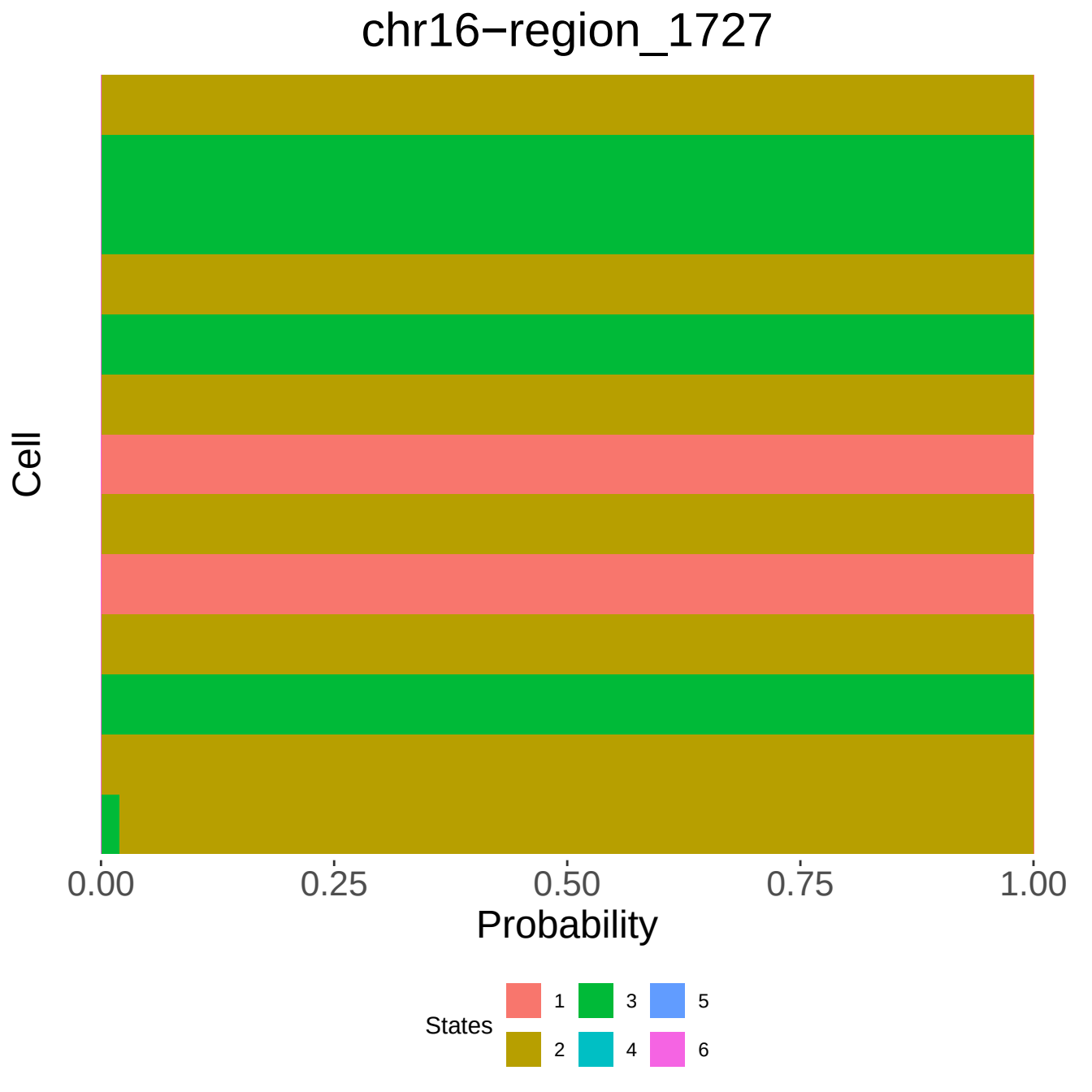
4
5
6


chr16−region_1727
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Probability
States
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3
4
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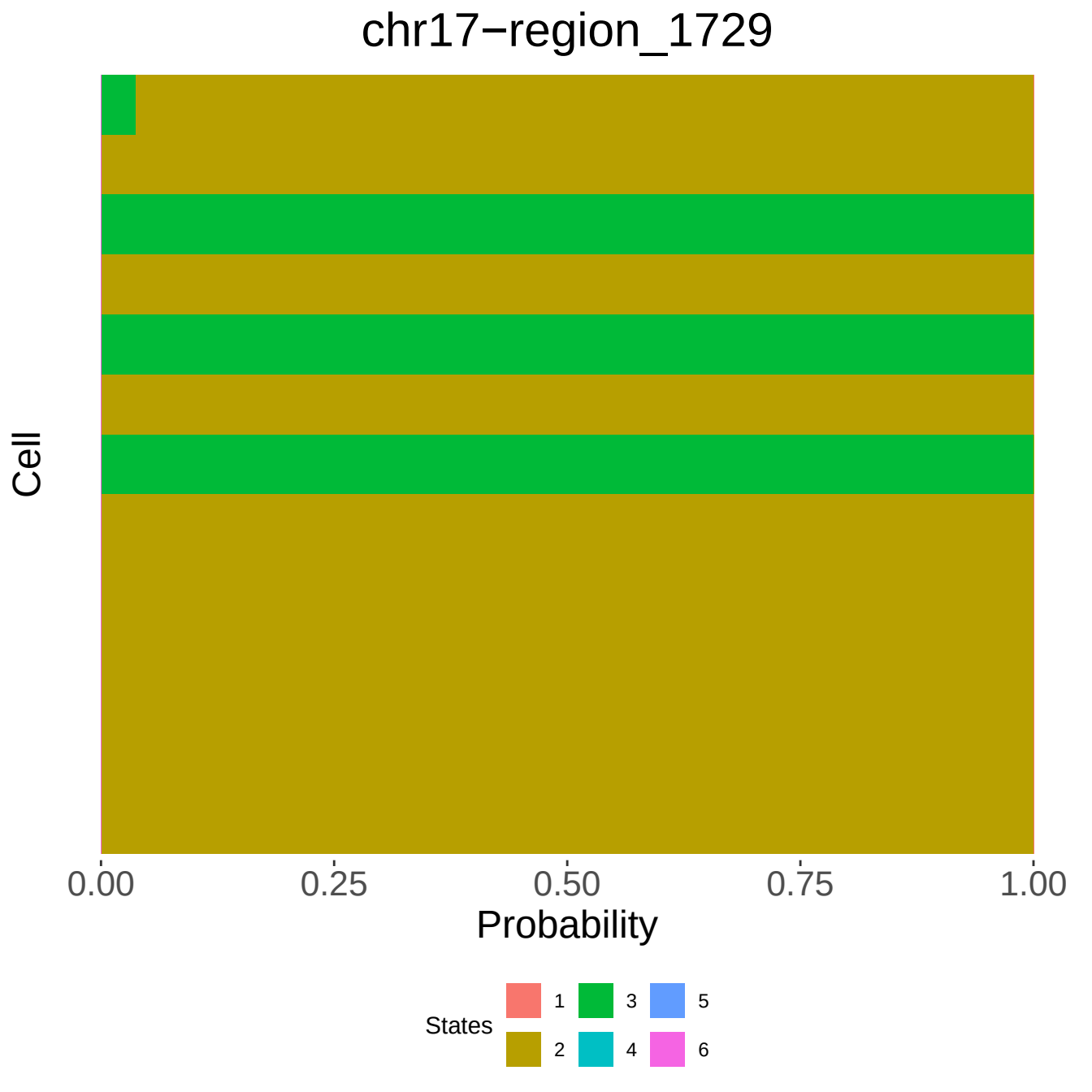
6


chr17−region_1729
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Probability
States
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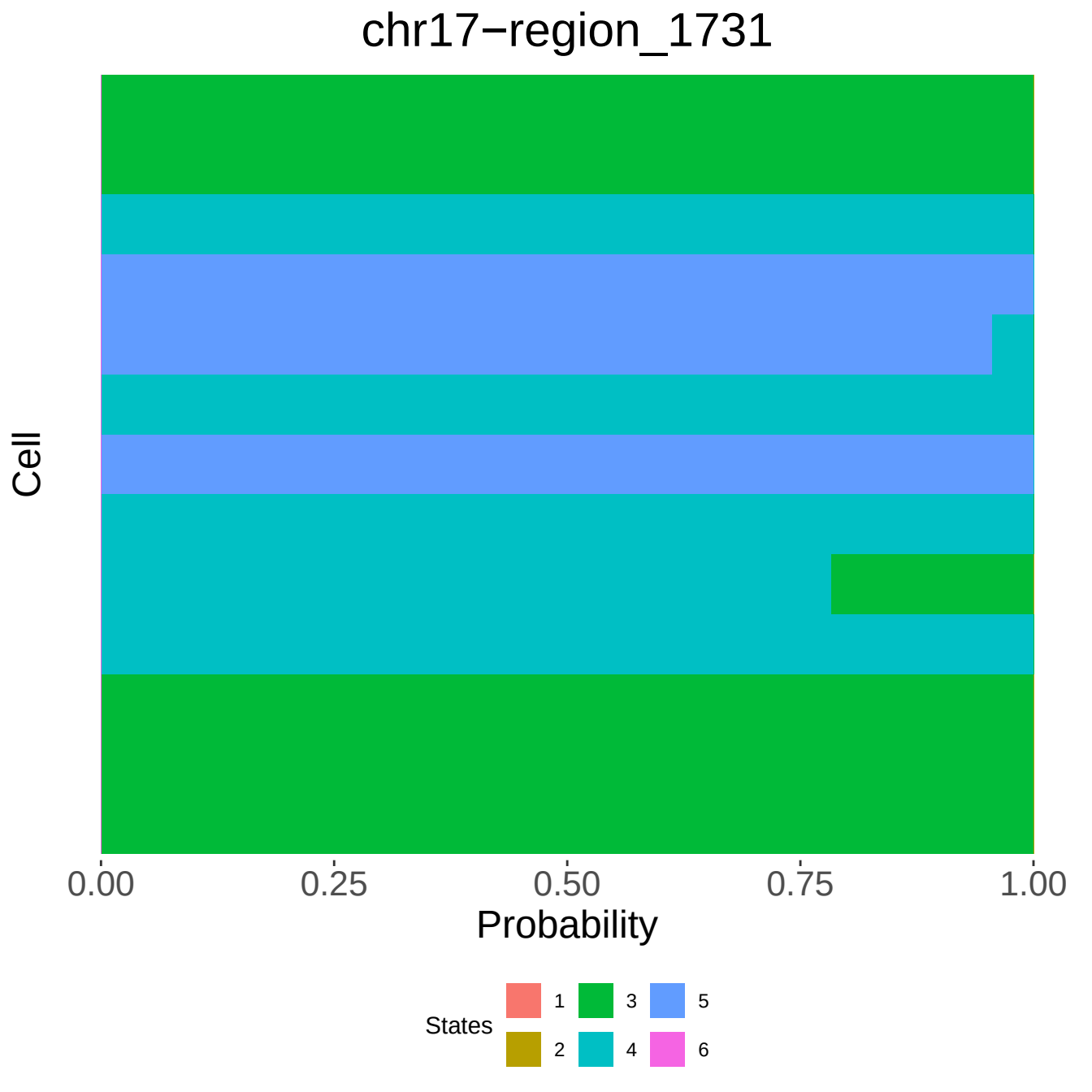
3
4
5
6


chr17−region_1731
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Probability
States
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3
4
5
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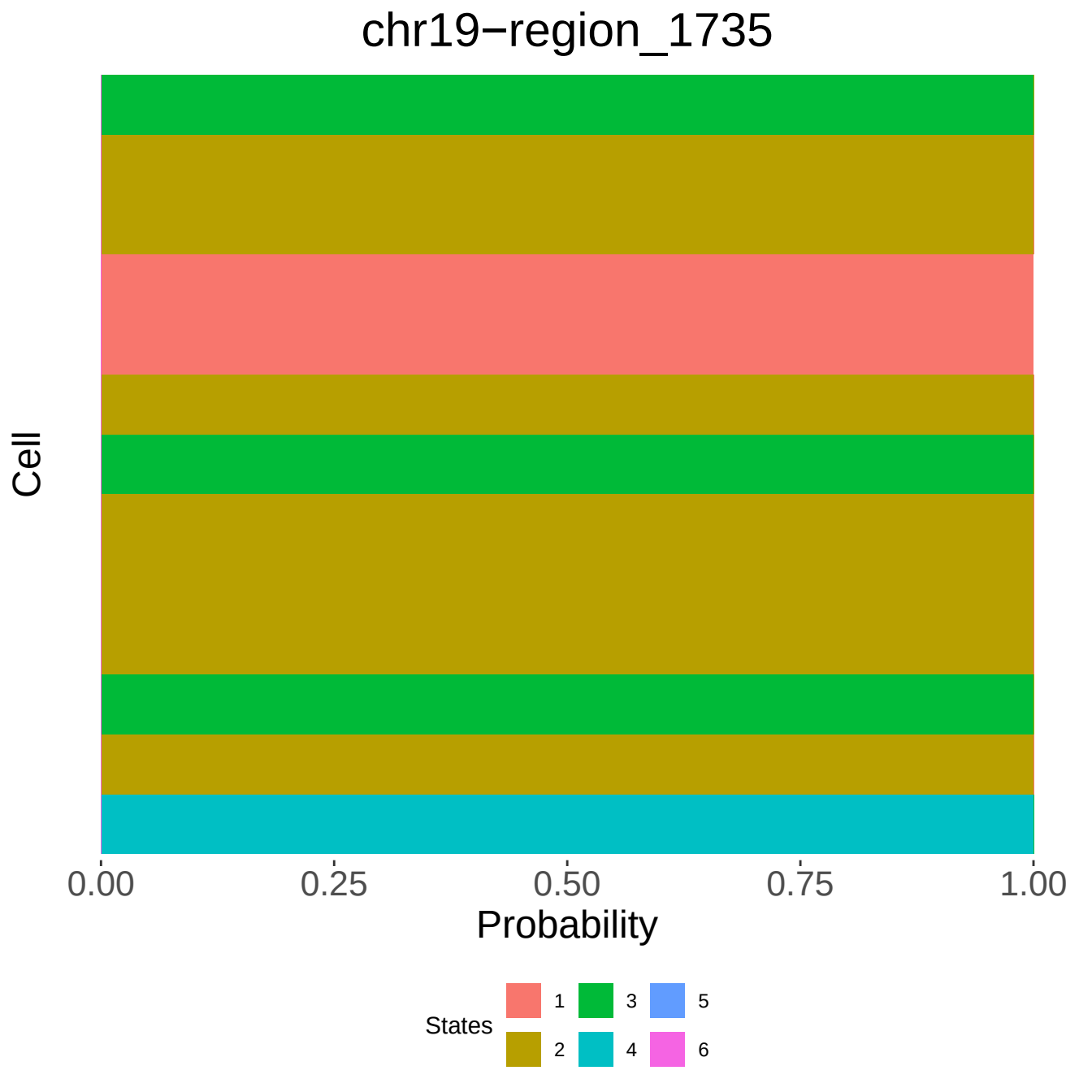
chr19−region_1735
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Probability
States
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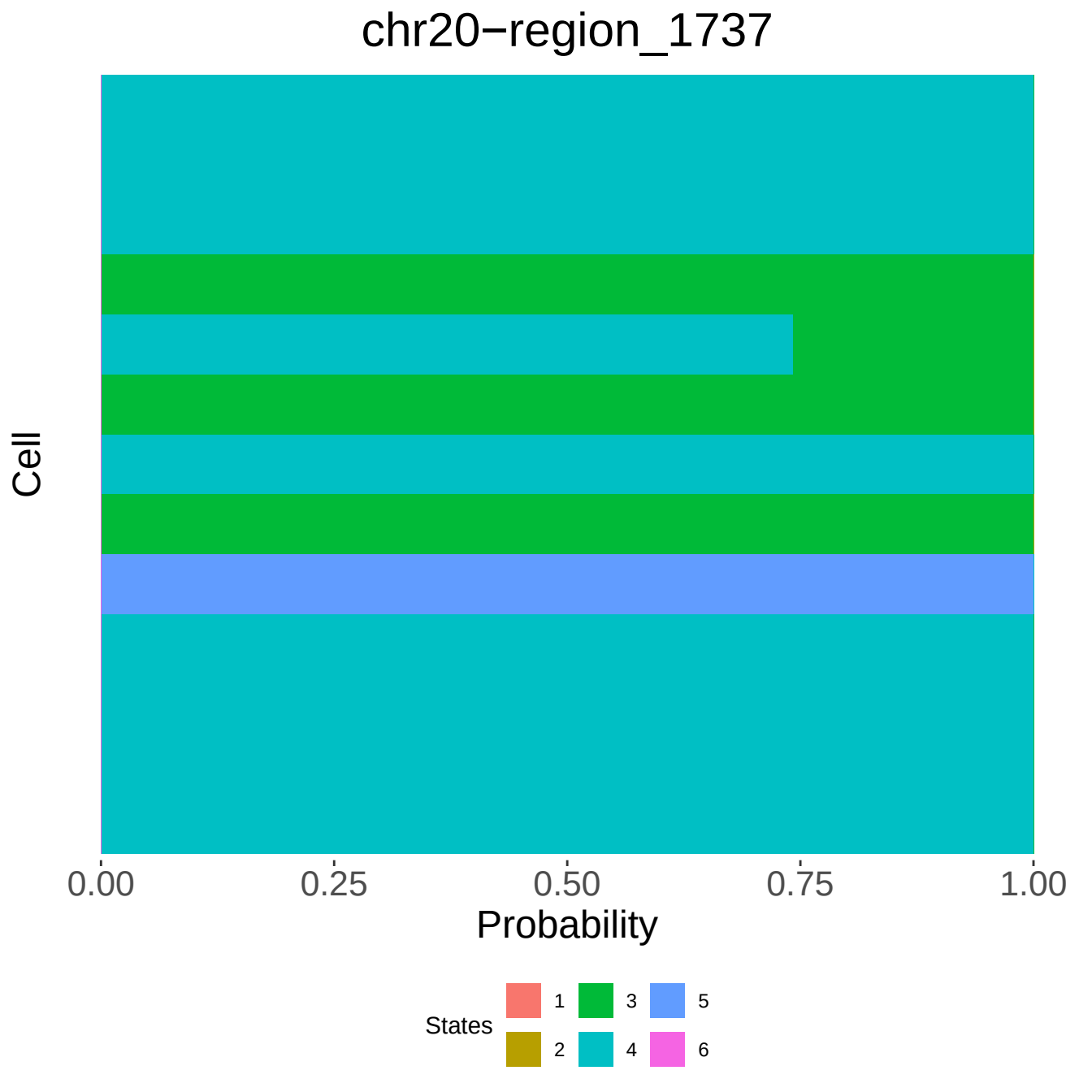
5
6


chr20−region_1737
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Probability
States
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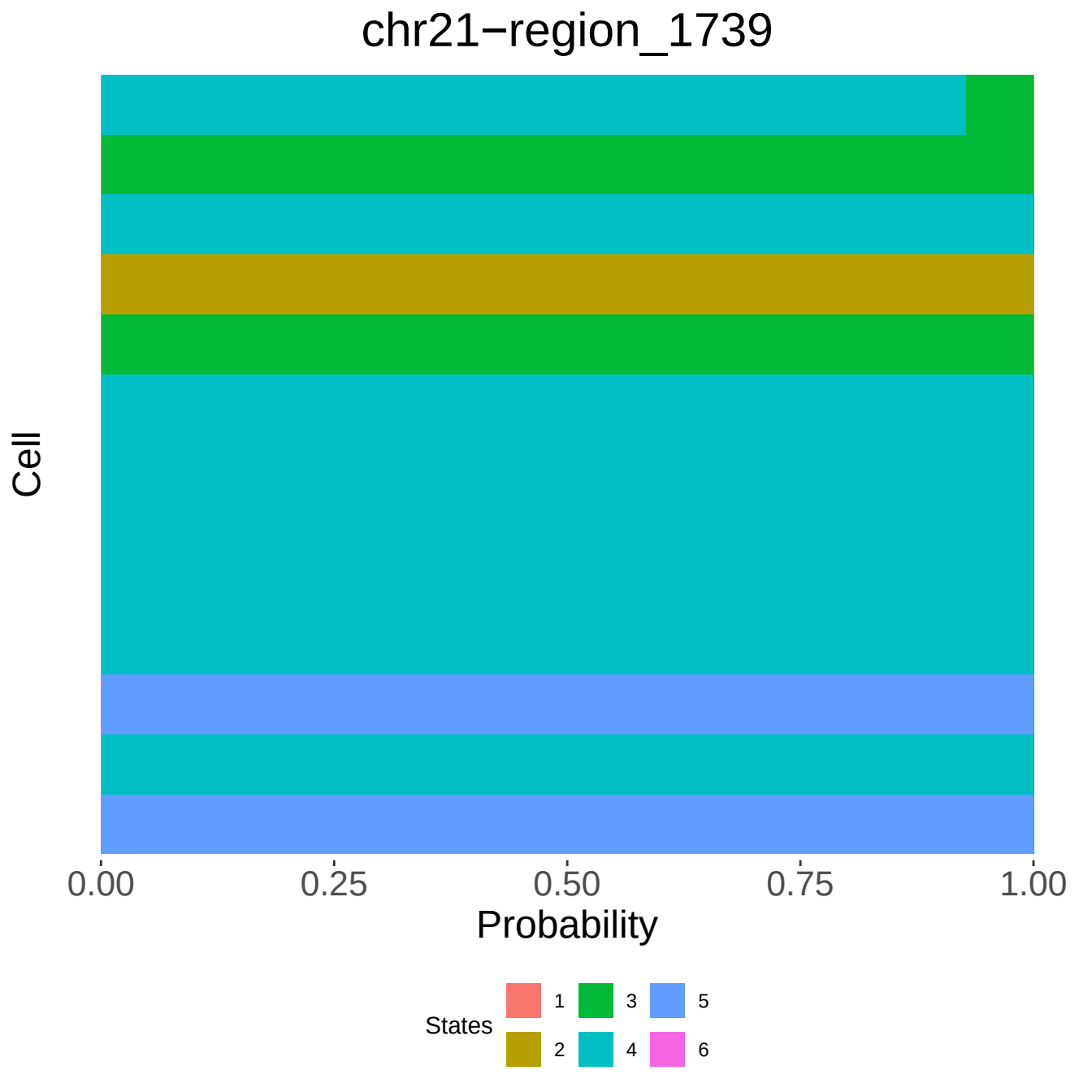
3
4
5
6


chr21−region_1739
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0.25
0.50
0.75
1.00
Probability
States
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2
3
4
5
6