

Molly Williams
2/2/19

A	C ₀ G	C ₀ 'G	C ₀ 'G'	C ₀ G'
C ₁	0	0	0	0
C ₁ '	1	1	1	1

✓ **A** = C₁'

B	C ₀ G	C ₀ 'G	C ₀ 'G'	C ₀ G'
C ₁	0	1	1	0
C ₁ '	1	0	0	1

✓ **B** = C₁ & C₀' / C₁' & C₀

D	C ₀ G	C ₀ 'G	C ₀ 'G'	C ₀ G'
C ₁	1	0	0	1
C ₁ '	1	0	0	1

✓ **D** = C₀

E	C ₀ G	C ₀ 'G	C ₀ 'G'	C ₀ G'
C ₁	1	1	1	1
C ₁ '	0	1	1	0

E = C₁ / C₀'

N ₀	C ₀ G	C ₀ 'G	C ₀ 'G'	C ₀ G'
C ₁	0	0	1	1
C ₁ '	0	1	0	1

✓ **N₀** = G' & C₁ / C₀ & G' / C₁' & C₀' & G

N ₁	C ₀ G	C ₀ 'G	C ₀ 'G'	C ₀ G'
C ₁	0	0	0	0
C ₁ '	1	0	0	1

✓ **N₁** = C₁' & C₀

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C_1	C_0	G	N_1	N_0	A	B	D	E
0	0	0	0	0	1	0	0	1
0	0	1	0	1	1	0	0	1
0	1	0	1	1	1	1	1	0
0	1	1	1	0	1	1	1	0
1	0	0	0	1	0	1	0	1
1	0	1	0	0	0	1	0	1
1	1	0	0	1	0	0	1	1
1	1	1	0	0	0	0	1	1