0 a * r 0

0 b * r 0

0 c * r 0

0 d * r 0

0 _ = * 1

1 a * l 1

1 b * l 1

1 c * l 1

1 d * l 1

1 = * | 1

 1_*r2

 $2a_r2$

 $2b_r3$

 $2\,c_r4$

 $2d_r5$

 $2 = _r halt$

3 a * r 3

3b*r3

3c*r3

3d*r3

3 = * r 3

3 _ b * 1

4 a * r 4

4 b * r 4

4 c * r 4

4 d * r 4

4 = * r 4

 $4 \, _\, c \, ^* \, 1$

5 a * r 5

5 b * r 5

5c*r5

5 d * r 5

5 = *r5

5 _ d * 1