| m = | х0 | x1 | x2 | х3 | х4 | x5 | х6 | х7 | х8 | х9 | x10 | x11 | x12 | x13 | x14 | x15 |
|-----------------------|----------|----------|-----------|-----------|------------|------------|------------|------------|------------|------------|-----------|-----------|----------|----------|-----------|-----------|
| m << 6 | хб | x7 | x8 | x9 | x10 | x11 | x12 | x13 | x14 | x15 | х0 | x1 | x2 | х3 | х4 | х5 |
| m << 10 | x10 | x11 | x12 | x13 | x14 | x15 | х0 | х1 | х2 | х3 | х4 | x5 | х6 | x7 | х8 | х9 |
| | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| c = | x0 x6 | x1 x7 | x2 x8 | x3 x9 | x4 x10 | x5 x11 | x6 x12 | x7 x13 | x8 x14 | x9 | x10 | ł | - 1 - | - 1 | x14 x4 | x15 x5 |
| | x10 | x11 | x12 | x13 | x14 | x15 | х0 | х1 | x2 | х3 | х4 | х5 | х6 | х7 | х8 | х9 |
| | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| c << 10 | x10 | x11 | x12 | x13 | x14 | x15 | х0 | х1 | x2 | х3 | х4 | х5 | х6 | х7 | х8 | х9 |
| | x0 | х1 | x2 | x3 | x4 | x5 | x6 | x7 | x8 | x9 | x10 | x11 | x12 | x13 | x14 | x15 |
| | х4 | х5 | х6 | х7 | х8 | х9 | x10 | x11 | x12 | x13 | x14 | x15 | х0 | х1 | x2 | х3 |
| _ | | | | | | | , | | | | | | | | ı | |
| C1 = c XOR (c << 10) | x6 x4 | x7 x5 | x8 x6 | x9 x7 | x10 x8 | x11 x9 | x12 x10 | x13 x11 | x14 x12 | x15 x13 | x0 x14 | x1 x15 | x2 x0 | x3 x1 | x4 x2 | x5 x3 |
| | | | | | | | ' | | ì | | | | | • | | |
| C2 = C1 << 2 | x8 x6 | x9 x7 | x10 x8 | x11 x9 | x12 x10 | x13 x11 | x14 x12 | x15 x13 | x0 x14 | x1 x15 | x2 x0 | x3 x1 | x4 x2 | x5 x3 | x6 x4 | x7 x5 |
| , | 0 | l | 10 | | -12 | 42 | | | | | 2 | 2 | | | | |
| C3 = C1 XOR C2 | x8 x4 | x9 x5 | x10 x6 | x11 x7 | x12 x8 | x13 x9 | x14 x10 | x15 x11 | x0 x12 | x1 x13 | x2 x14 | x3 x15 | x4 x0 | x5 x1 | x6 x2 | x7 x3 |
| | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| c << 14 | x14 | x15 | х0 | х1 | x2 | х3 | х4 | х5 | х6 | х7 | х8 | х9 | x10 | x11 | x12 | x13 |
| | х4 | х5 | х6 | х7 | х8 | х9 | x10 | x11 | x12 | x13 | - 1 | x15 | х0 | х1 | x2 | х3 |
| | х8 | х9 | x10 | x11 | x12 | x13 | x14 | x15 | х0 | х1 | x2 | х3 | х4 | х5 | х6 | х7 |
| , | | | | | | | | | | | | | | | | |
| C4 = C3 XOR (c << 14) | x14 | x15 | х0 | х1 | х2 | х3 | х4 | х5 | хб | х7 | х8 | х9 | x10 | x11 | x12 | x13 |
| | | | | | | | | | | | | | | | | |
| m = C4 << 2 | х0 | x1 | x2 | х3 | х4 | х5 | х6 | х7 | х8 | х9 | x10 | x11 | x12 | x13 | x14 | x15 |