

CACCGTGGAC

Sequence logo visualization showing the conservation of nucleotides across positions. The y-axis represents information content (bits) from 0 to 1.5. The x-axis shows positions 1 through 8. The sequence CACCGTGGAC is displayed above the plot, with each letter color-coded: C (blue), A (green), C (blue), G (yellow), T (red), G (yellow), A (green), C (blue). The plot shows high conservation at all positions, with the 7th position (A) and 8th position (C) showing the highest information content, exceeding 1.5 bits.

| Position                   | 1    | 2    | 3    | 4    | 5    | 6    | 7    | 8    |
|----------------------------|------|------|------|------|------|------|------|------|
| Conserved Sequence         | C    | A    | C    | G    | T    | G    | A    | C    |
| Information Content (bits) | ~1.2 | ~1.4 | ~1.3 | ~1.1 | ~1.0 | ~1.2 | ~1.6 | ~1.6 |