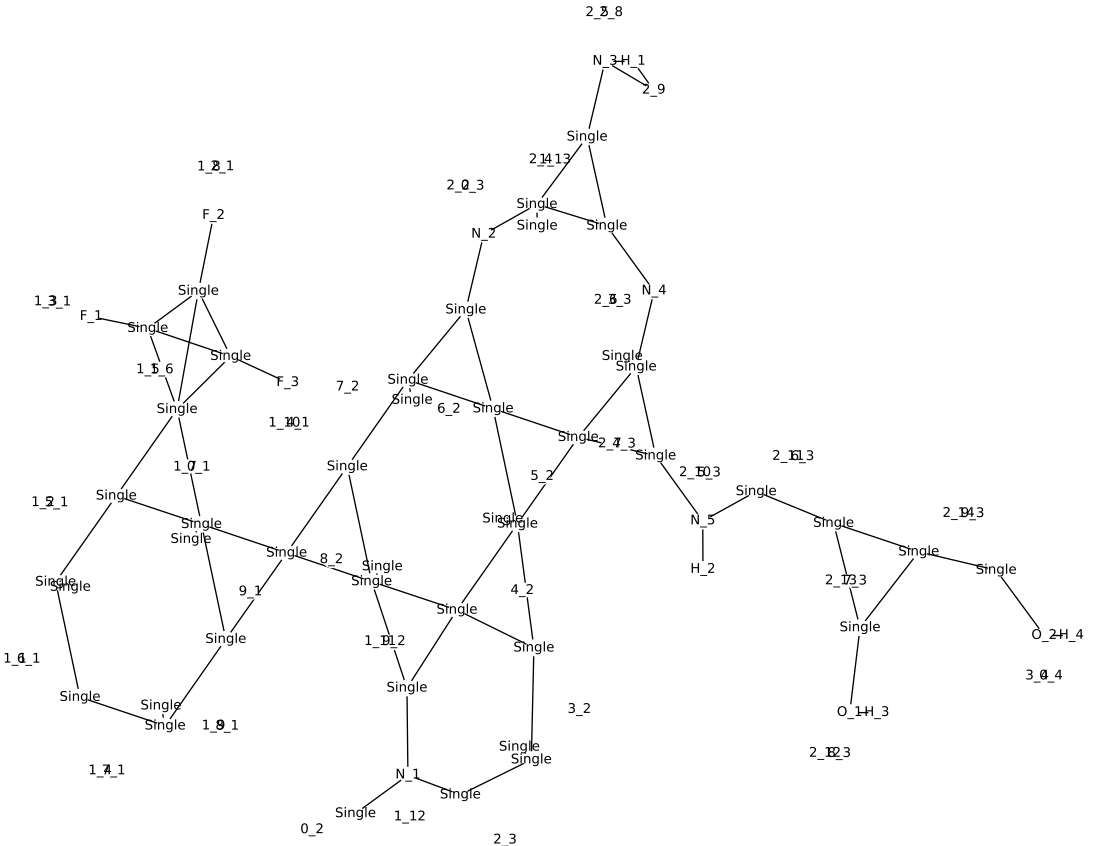US20040229890A1_p0012_x1496_y0669_c00053