Dear Joan,

Here's the formula for closed 3-brane 3-manifolds which are knots: \( \Delta(q) = q(1 - q^{-1}) \), \( \Delta(1) = 1 \) as usual.

\[
\chi(q,s) = q^{1-s} \left\{ \frac{e^{-s/2} (1 - q^s q^{-1}) + (s-1)(q^s - 1) + (s+1)(s+q^s q^{-1}) + (1+q)(1+q^{-1})}{(1-q)(1-q^{-1})} \right\} \Delta(q) \]

It's satisfied by \( q_{42} \) so I better check Murasugi's argument.

All the best,

Vaughan

P.S. in \((e,m)\) variables

\[
e^2 = -s \\
m^2 = 1 - q - q^{-1}
\]