

$$\begin{array}{ccc}
K^\times / \langle q \rangle & \xrightarrow{\cong \phi_K} & E_q(K) \\
\downarrow & & \downarrow \\
K^\times / \langle q \rangle & \xrightarrow{\cong \phi_L} & E_q(L)
\end{array}$$