$$
\begin{tikzcd}
S,\, T \arrow[r, "\text{Definition MR}"] \arrow[d, "\text{Definition LTC}"'] & M^{S}_{C,D},\, M^{T}_{B,C} \arrow[d, "\text{Definition MM}"] \\
S \circ T \arrow[r, "\text{Definition MR}"'] & M^{S\circ T}_{B,D} = M^{S}_{C,D} M^{T}_{B,C}
\end{tikzcd}
$$