	VELO method	T-station method	Long method
Tag	Long track used in single muon trigger		
	$\chi^2/\mathrm{ndf(track)} < 5$ $p > 5.0\,\mathrm{GeV}/c$ $p_\mathrm{T} > 0.7\,\mathrm{GeV}/c$	$\mathrm{DLL}_{\mu\pi} > 2$ $\chi^2/\mathrm{ndf(track)} < 3$ $p > 7.0\,\mathrm{GeV}/c$ $p_\mathrm{T} > 0.5\,\mathrm{GeV}/c$	$\mathrm{DLL}_{\mu\pi} > 2$ $\chi^2/\mathrm{ndf(track)} < 2$ $p > 10\,\mathrm{GeV}/c$ $p_\mathrm{T} > 1.3\,\mathrm{GeV}/c$ $\mathrm{IP} > 0.5\,\mathrm{mm}$
Probe	Downstream track $p > 5.0\,\mathrm{GeV}/c$ $p_\mathrm{T} > 0.7\,\mathrm{GeV}/c$	VELO-muon track $p > 5.0\,\mathrm{GeV}/c$ $p_\mathrm{T} > 0.5\,\mathrm{GeV}/c$	TT-muon track $p > 5.0\,\mathrm{GeV}/c$ $p_\mathrm{T} > 0.1\,\mathrm{GeV}/c$
J/ψ	$M_{\mu\mu} \in [2.9, 3.3]\,\mathrm{GeV}/c^2$ $\chi^2/\mathrm{ndf(vertex)} < 5$ $N_{J/\psi} = 1$	$M_{\mu\mu} \in [2.7, 3.5]\,\mathrm{GeV}/c^2$ $\chi^2/\mathrm{ndf(vertex)} < 5$ $N_{J/\psi} = 1$ $p > 7.0\,\mathrm{GeV}/c$	$M_{\mu\mu} \in [2.6, 3.6]\,\mathrm{GeV}/c^2$ $\chi^2/\mathrm{ndf(vertex)} < 5$ $N_{J/\psi} = 1$ $\mathrm{IP} < 0.8\,\mathrm{mm}$