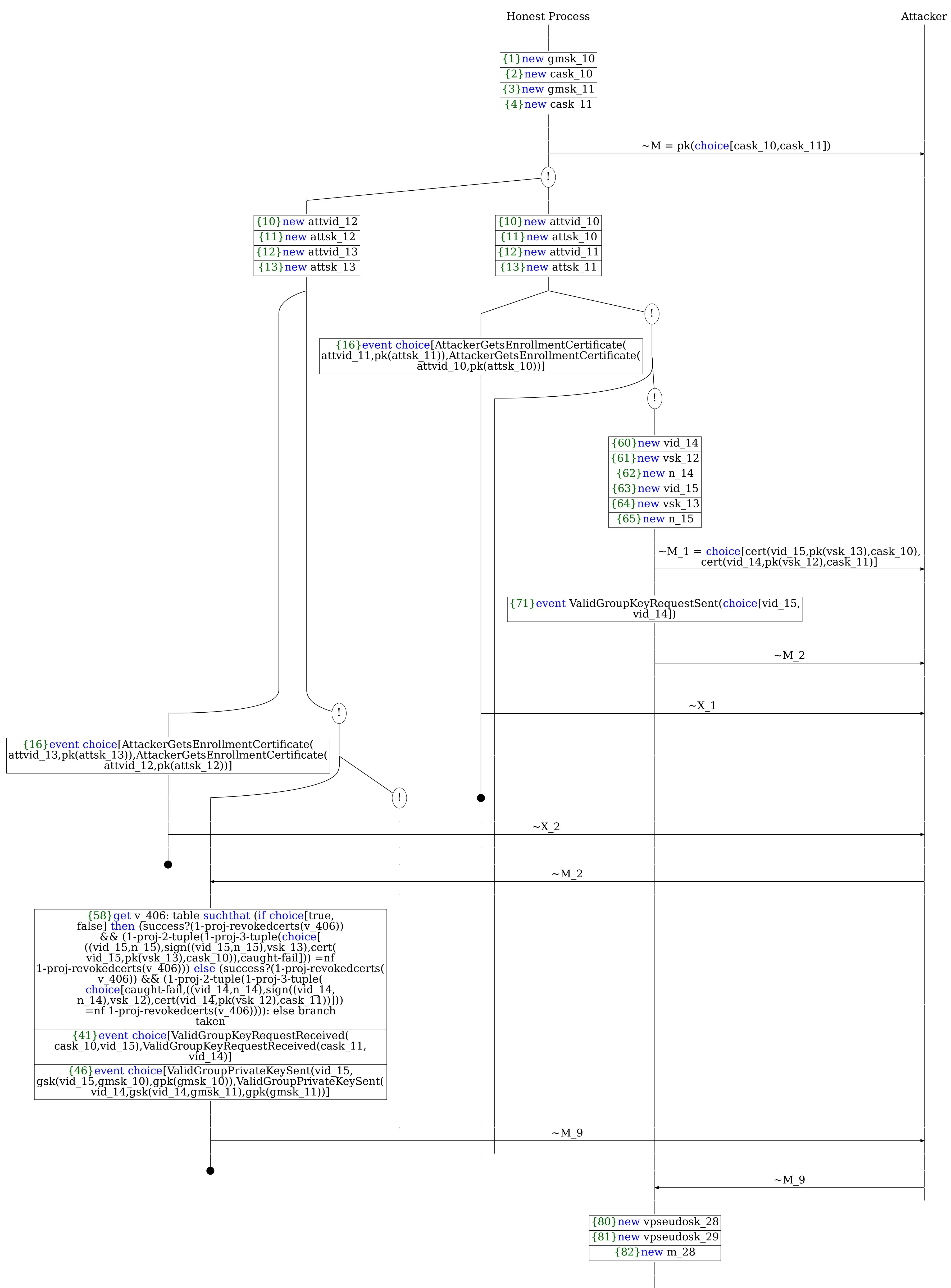
Abbreviations

~M_2 = choice[aenc(((vid_15,n_15),sign((vid_15, n_15),vsk_13),cert(vid_15,pk(vsk_13),cask_10)), pk(cask_10)),aenc(((vid_14,n_14),sign((vid_14, n_14),vsk_12),cert(vid_14,pk(vsk_12),cask_11)), pk(cask_11))]

~X_1 = (~M_3,~M_4,~M_5) = choice[(attvid_11,attsk_11, cert(attvid_11,pk(attsk_11),cask_10)),(attvid_10, attsk_10,cert(attvid_10,pk(attsk_10),cask_11))]
~X_2 = (~M_6,~M_7,~M_8) = choice[(attvid_13,attsk_13, attsk_13, attsk_13,

~X_2 = (~M_6,~M_7,~M_8) = choice[(attvid_13,attsk_13, cert(attvid_13,pk(attsk_13),cask_10)),(attvid_12, attsk_12,cert(attvid_12,pk(attsk_12),cask_11))] ~M_9 = choice[aenc(((groupkey_response,vid_15, n_15,gsk(vid_15,gmsk_10)),sign((groupkey_response,vid_15,n_15,gsk(vid_15,gmsk_10)),gpk(gmsk_10)), cask_10)),pk(vsk_13)),aenc(((groupkey_response,vid_14,n_14,gsk(vid_14,gmsk_11),gpk(gmsk_11)), sign((groupkey_response,vid_14,n_14,gsk(vid_14,gmsk_11)),pk(vsk_12))]

A trace has been found.



{102} if choice[true,false]
This process performs a test that may succeed on one side and not on the other.