Claims

1. A method of video decoding, the method comprising:

obtaining, from a bitstream, collocated picture list information, which indicates whether a collocated picture is determined according to a list L0 of a current block, and a reference index of the collocated picture;

when reference pictures, which are available for prediction of the current block, are to be output prior to a current picture including the current block, selecting a motion vector corresponding to a reference list of the current block, among a L0 motion vector and a L1 motion vector of a collocated block;

when reference pictures, which are available for prediction of the current block, are to be output later than the current picture, and when the collocated picture list information indicates the list L0, selecting the L1 motion vector of the collocated block;

when reference pictures, which are available for prediction of the current block, are to be output later than the current picture, and when the collocated picture list information indicates the list L1, selecting the L0 motion vector of the collocated block;

determining a motion vector predictor candidate according to the collocated block by using the selected motion vector; and

obtaining a motion vector predictor of the current block among predictor candidates including the motion vector predictor candidate according to the collocated block.

2. The method of claim 1, wherein the collocated block is a block is co-located with a block location of the current block, in a collocated picture which is determined among pictures decoded prior to the current picture.