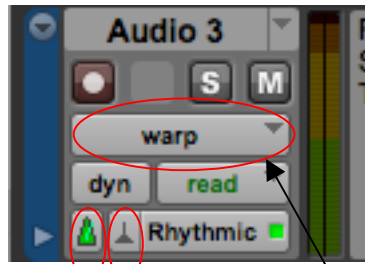


	<i>Pro Tools 11</i>		<i>Logic X</i>		
Process	Tool	Process	Tool	Process	Pitch Changes?
Conform audio to a set MIDI tempo	TCE Tool	<ol style="list-style-type: none"> 1. Trim audio to a certain amount of bars, using the Trim Tool 2. Select the TCE Tool, and drag the endpoint of the audio region to match the sequencer bars 		<ol style="list-style-type: none"> 1. Trim audio to a certain amount of bars (Sample Editor, Menu>Audio File>Save Selection As... 2. Drag the new file from the Bin into a new audio track 3. OPTION-drag the endpoint of the audio region to match the sequencer bars 	Yes
Conform a set MIDI tempo to audio	Identify Beat	<ol style="list-style-type: none"> 1. Trim audio to a certain amount of bars, using the Trim Tool 2. Ensure the Conductor is on in the Transport Window 3. Select the audio region 4. Event Menu>Identify Beat 		<ol style="list-style-type: none"> 1. Trim audio to a certain amount of bars (Sample Editor, Menu>Audio File>Save Selection As... 2. Drag the new file from the Bin into a new audio track 3. Set the Cycle Range (yellow bar) to the desired length for the audio loop 4. Edit Menu>Tempo>Adjust tempo using Region length and Locators 	No

Process	Tool	Process	Tool	Process	
Quantize MIDI	Event Operations Window (Quantize)	<ol style="list-style-type: none"> 1. Select the track 2. Menu>Event>Event Operation>Quantize 3. Select the quantize or offset parameters as required 	Q button	<ol style="list-style-type: none"> 1. Open the Piano Roll window 2. Select the notes 3. Select the quantize value 	
Quantize audio	Elastic Audio & Event Operations Window (Quantize)	<ol style="list-style-type: none"> 1. Select the audio 2. Select the Mode (eg Rhythmic) 3. Menu>Event>Event Operation>Quantize 4. Select the quantize or offset parameters as required 		<ol style="list-style-type: none"> 1. Enable Flexi Mode, in the Track Parameter Box* 2. Select the desired audio regions 3. Choose the Quantize value, in the Region Parameter box 	
Correct timing errors on a section of a track	Elastic Audio	<ol style="list-style-type: none"> 1. Select the audio 2. Select the Mode (eg Rhythmic) 3. Set track view to WARP 4. Select at the bottom of the warp markers to drag the entire clip 5. SHIFT-click to adjust individual warp markers 	FlexiTool	<ol style="list-style-type: none"> 1. Use the Marque tool to select the desired part of the track 2. Use the FlexiTool to move the selected audio to the correct position 	
Conform MIDI tempo to audio with varied tempo			Beat Mapping		

Notes: * Use Help for information on selecting a particular Flexi Mode

Pro Tools Track Header



Tick selector

Elastic audio selector

Analyse / Warp view

Logic Inspector

