

Ensembl DAS Stylesheet Support

All Styles

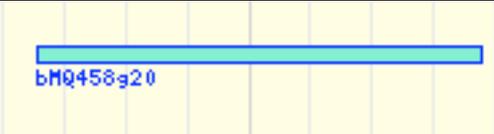
height - The height of the glyph, in pixels.

fgcolor - This is the line and outline colour for graphical glyphs, and the font color for text glyphs.

bgcolor - The background (fill) colour of the glyph.

box (default symbol)

No additional attributes implemented

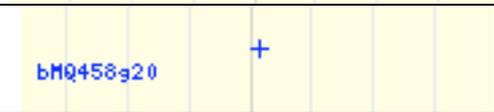
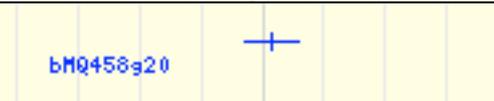
glyph = 6 height = 6 bgcolor = aquamarine2 fgcolor = blue	
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CROSS

The vertical bar of the cross is centred on the range of the feature.

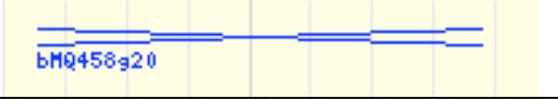
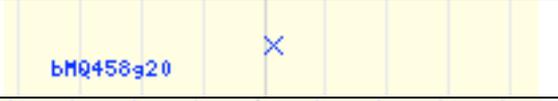
point - if 1, the width of the crossbar is the same as the symbol height (by default, see linewidth). If not 1 (default) the width of the crossbar is the same as the width of the feature. Note that if the feature is a point feature (i.e. start = end), point is set automatically.

linewidth - if point is set, linewidth allows the width of the cross to be specified.

glyph = cross	
glyph = cross point = 1	
glyph = cross point = 1 linewidth = 20	

ex

Same as cross, but an X.

glyph = ex	
glyph = ex point = 1	
glyph = ex point = 1 linewidth = 20	

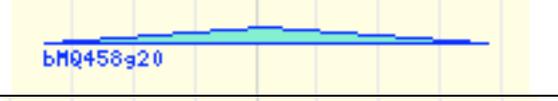
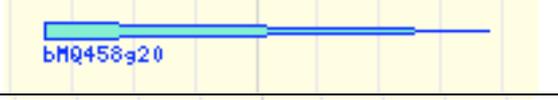
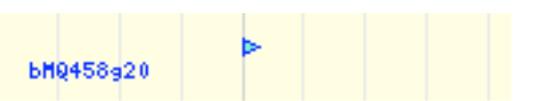
triangle

point and **linewidth** as cross and ex.

direction - one of N (default), S, E, W. Specifies the direction in which the triangle points.

orient - one of N, S, E, W. Specifies the side on which the triangle base is.

Note that orient has the opposite sense to direction. Orient is how bioperl interpret the spec, direction is perhaps more intuitive. Direction overrides orient.

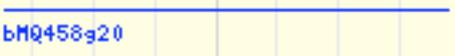
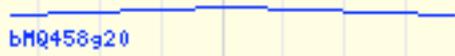
glyph = triangle	
glyph = triangle direction = E	
glyph = triangle point = 1	
glyph = triangle point = 1 direction = E	
glyph = triangle point = 1 orient = E	

line

A line vertically centred in the row.

style -

- solid (default). Horizontal solid line.
- hat or intron. An inverted V. Direction of V (up or down) is taken from the strand of the feature.
- dashed. Broken line.

glyph = line	
glyph = line style = intron	
glyph = line style = dashed	

Arrow symbols

The arrow, anchored_arrow, span, farrow and rarrow symbols all support the following attribute:

bar_style - how the connecting bar is drawn. One of:

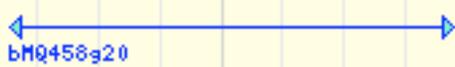
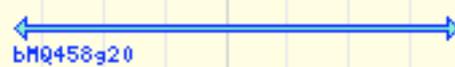
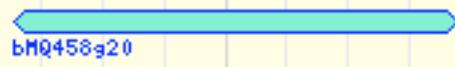
- line - single pixel bar
- indent - a bar indented from the top and bottom of the arrow
- full - bar the full height of the symbol

Note that if height is ≤ 6 , indent is likely to appear identical to line.

If the width of the symbol is not enough for both arrowheads to be drawn without them overlapping, both are replaced by vertical bars.

arrow

A double-headed arrow. Default bar_style is line.

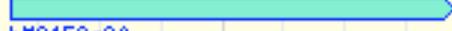
glyph = arrow	
glyph = arrow bar_style = indent	
glyph = arrow bar_style = full	

anchored_arrow

An arrow with a vertical anchor at one end and an arrow at the other end. Default bar_style is indent.

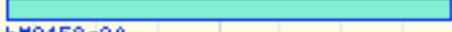
The arrow end is determined by the orientation of the feature. This can be overridden with:

orientation - -1/1

glyph = anchored_arrow	 bMQ458g20
glyph = anchored_arrow bar_style = line	 bMQ458g20
glyph = anchored_arrow bar_style = full	 bMQ458g20
glyph = anchored_arrow orientation = -1	 bMQ458g20

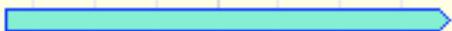
span

An arrow with vertical bars at each end and no arrowheads. Default bar_style is line.

glyph = span	 bMQ458g20
glyph = span bar_style = indent	 bMQ458g20
glyph = span bar_style = full	 bMQ458g20

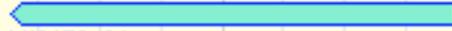
farrow

An anchored_arrow with orientation set to 1 and bar_style set to full.

glyph = farrow	 bMQ458g20
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rarrow

An anchored_arrow with orientation set to -1 and bar_style set to full.

glyph = rarrow	 bMQ458g20
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