

# CONTROLLO QUALITA' (QC): ALLINEAMENTO CITOFUORIMETRO GALLIOS

## Flow-Check™ Fluorospheres (#6605359, Beckman Coulter)

Flow-Check Fluorospheres consist of 10 µm (nominal diameter) polystyrene fluorescent microspheres suspended in an aqueous medium containing surfactants and preservatives at 1 x 10<sup>6</sup> fluorospheres/mL (nominal concentration). The fluorescence emission of the dye contained within the fluorospheres ranges from 525 nm to 700 nm when excited at 488 nm. Flow-Check Fluorospheres are used to verify instrument optical alignment and fluidics.

Giornalmente si effettua l'allineamento del citofluorimetro Gallios per monitorare :

- Parametri di fluorescenza (Arithmetic Mean, X-Mean)/singolo canale (FL1-FL10);
- Parametri di X-CV)/singolo canale (FL1-FL10), per i quali la Beckman Coulter stabilisce i seguenti valori:
  - X-CV ≤ 2.0 per i canali FL1/FL2/FL3/FL4, relativi al laser che emette nel blu (FCblue);
  - X-CV ≤ 2.5 per il canale FL5, relativo al laser che emette nel blu (FCblue);
  - X-CV ≤ 3.0 per i canali FL6/FL7/FL8 relativi al laser che emette nel rosso (FCred);
  - X-CV ≤ 4.0 per i canali FL9/FL10, relativi al laser che emette nel violetto (FCviolet).

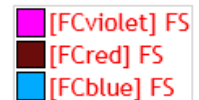
Nel 2017 sono stati utilizzati 3 lotti di Flow-Check Fluorospheres:

1) Lotto 9311111 (1-2 volte/mese per monitorare gli eventuali cambio lotto)

2) Lotto 9311144 (Gen- Feb 2017)

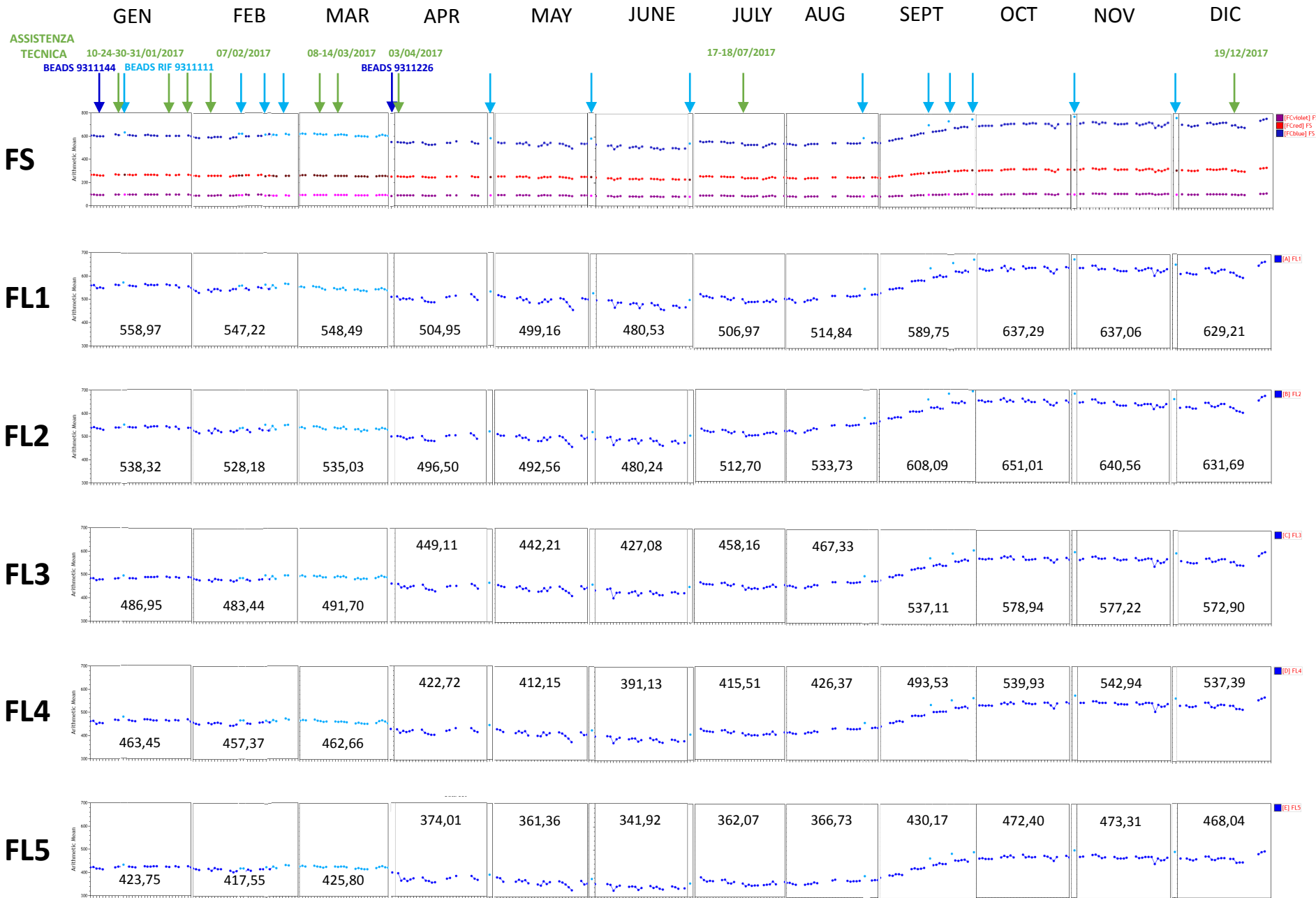


3) Lotto 9311226 (Apr - Dic 2017)



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# X-A-MEAN

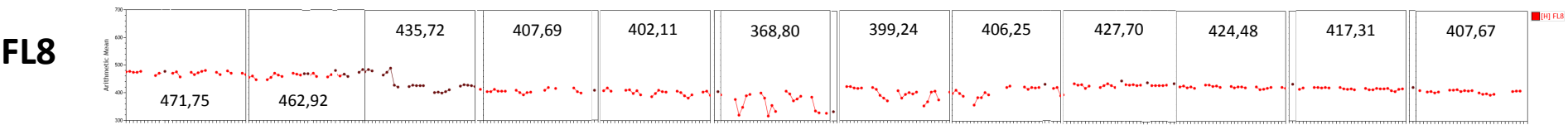
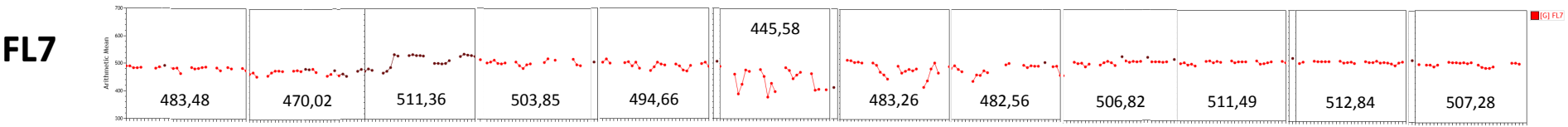
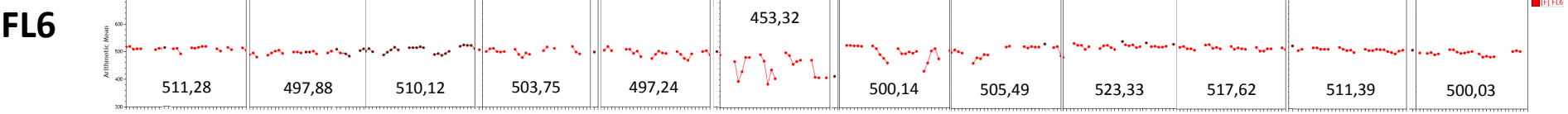


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# X-A-MEAN

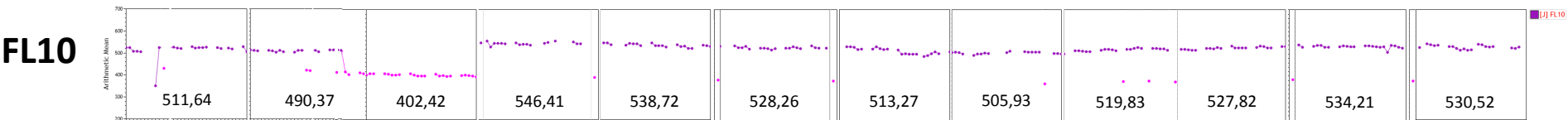
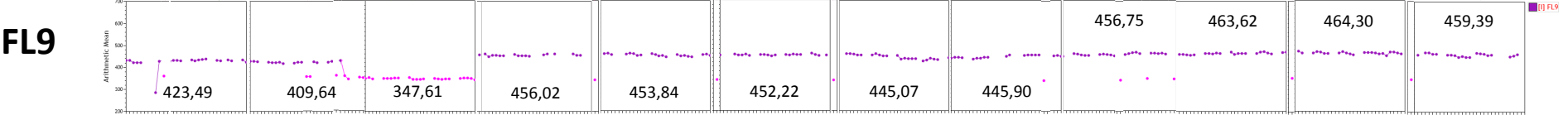
GEN FEB MAR APR MAY JUNE JULY AUG SEPT OCT NOV DIC

ASSISTENZA TECNICA  
 BEADS 9311144 BEADS RIF 9311111  
 07/02/2017  
 08-14/03/2017  
 03/04/2017 BEADS 9311226  
 17-18/07/2017  
 19/12/2017



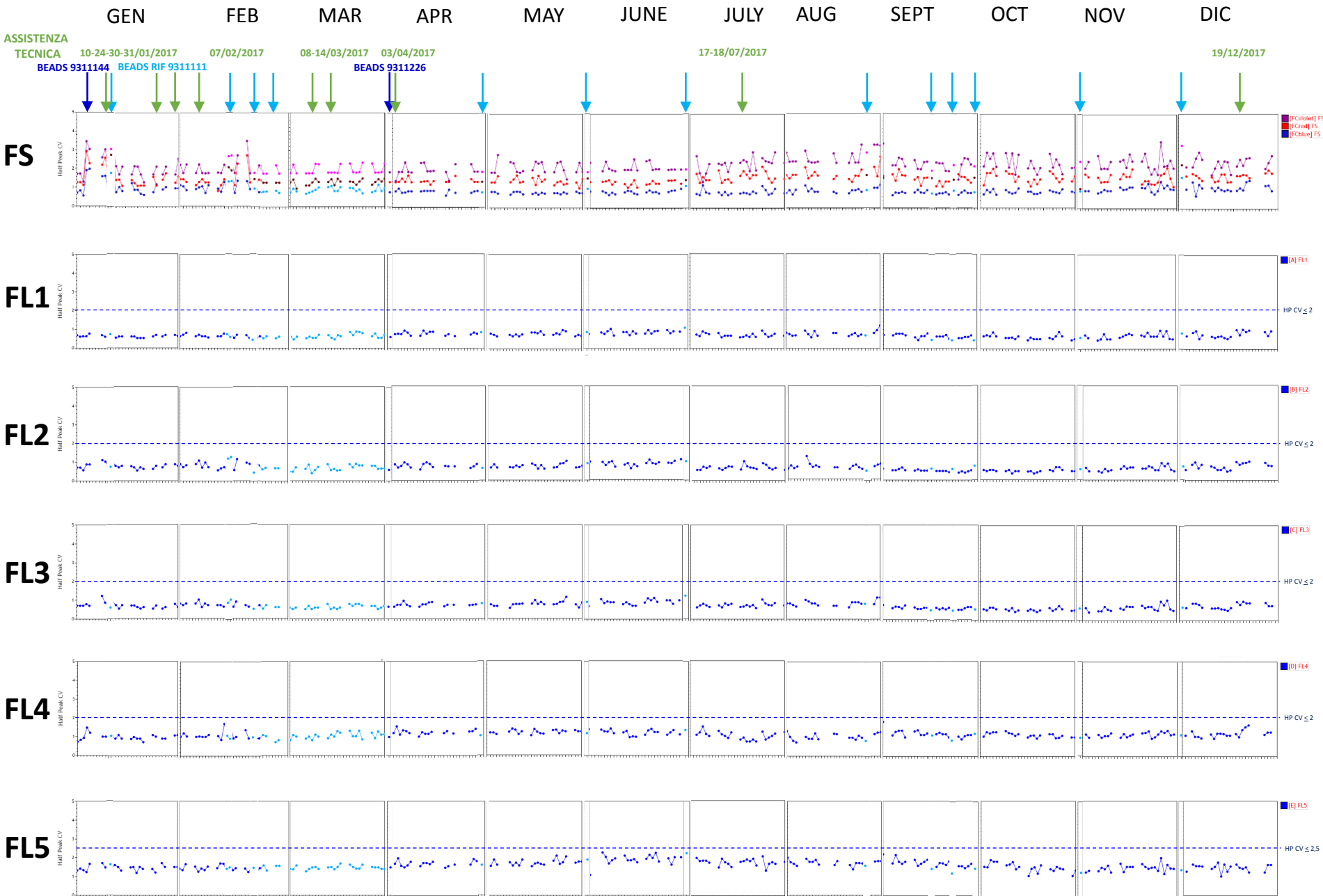
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# HALF PEAK CV



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