

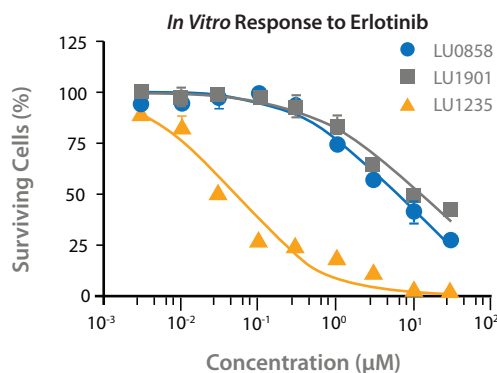
## Screen your compounds on primary cancer cells

PrimePanel are isolated primary cells from patient-derived tumor tissues for *in vitro* drug discovery screening.

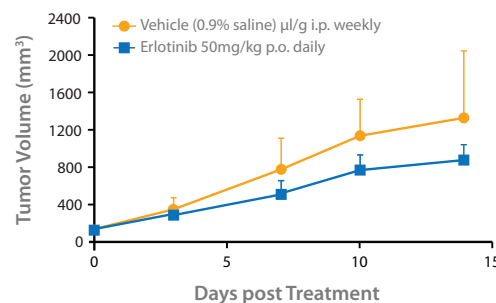
Compared with traditional cancer cell lines which can drift significantly from the original patient disease, primary cancer cells are both highly relevant to patient disease and are convenient to use in a high throughput screening format.

- Each primary cell isolate comes from a genome-defined HuPrime® model.
- Curated, online, searchable database (HuBase™) of:
  - phenotypic and genotypic data
  - patient information
  - growth curves
  - standard of care treatment data.
- Link *in vitro* to *in vivo* to clinical efficacy.
- Discover predictive biomarkers for drug response.

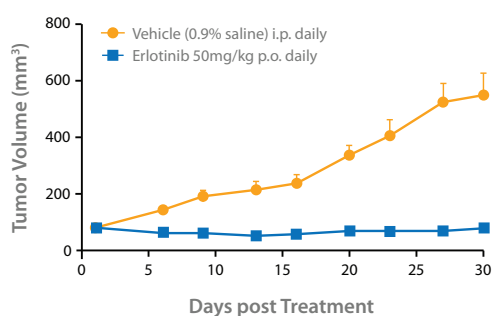
Comparison of the EGFR inhibitor response by 3 NSCLC PrimePanel cell lines *in vitro* and their corresponding parental PDX models *in vivo*



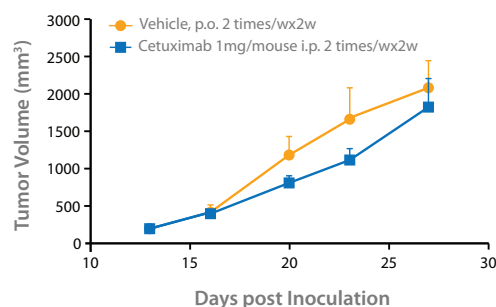
HuPrime PDX Model LU0858 (EGFR - L858R; c-Met amplified)



HuPrime PDX Model LU1235 (EGFR - activating deletion mutation)



HuPrime PDX Model LU1901 (c-Met amplified)



### Contact Sales

US: +1.855.827.6968  
UK: +44 (0)870 166 6234  
[busdev@crownbio.com](mailto:busdev@crownbio.com)



### Schedule Scientific Consultation

Request a consultation to discuss your project.  
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### Explore Scientific Data

Log into HuBase to review PDX model data.  
[hubase.crownbio.com](http://hubase.crownbio.com)