

Burning Rock Biotech Limited 4Q2023 results

29 Mar 2024

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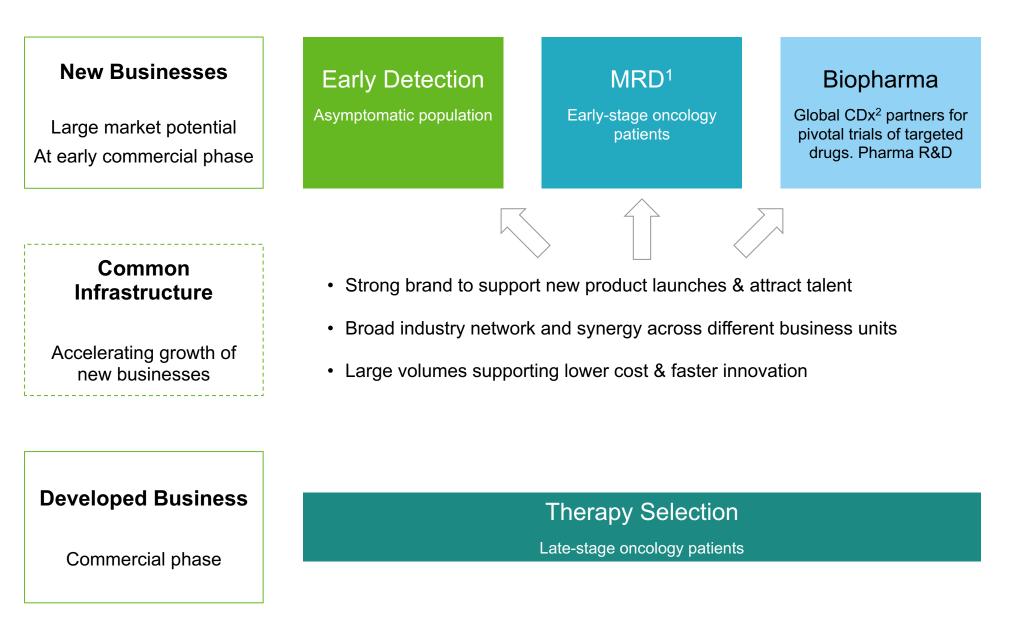
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Our value-building blocks

Extending leadership in NGS-based precision oncology from late-stage to earlier stage patients



Notes: ¹ Minimal residual disease of solid tumors ² Companying disease of solid tumors

² Companion diagnostics

Delivering results on



Driving sales efficiency

- Increasing sales productivity per head
- Benefiting from more rational industry competition



Improving gross margin

- Leveraging our scale
- Delivering on margin improvement projects



Cutting overhead and lowering fixed cost-base



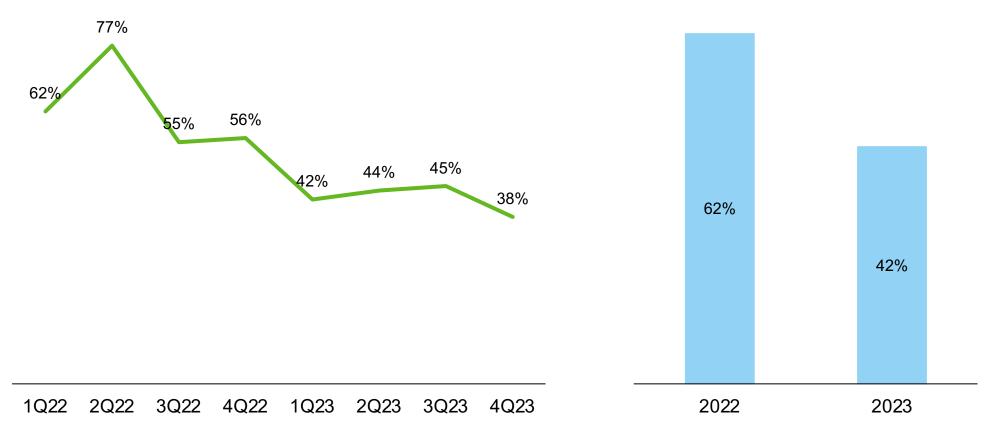
Reducing R&D expenses

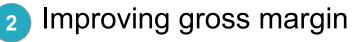
- As clinical programs complete and run down
- Disciplined on new investment

Driving sales efficiency

Expect below 40% selling expense going forward

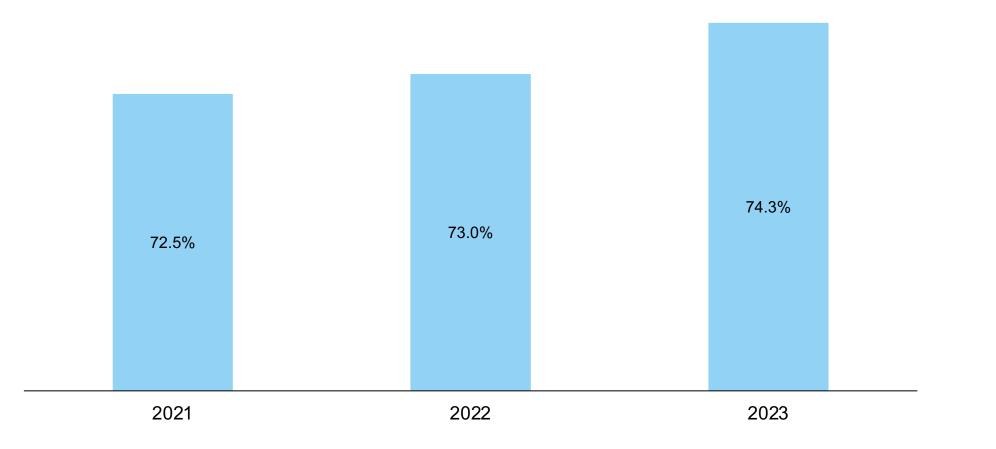
Non-GAAP sales and marketing expenses as % of revenue*





Delivering on margin improvement initiatives

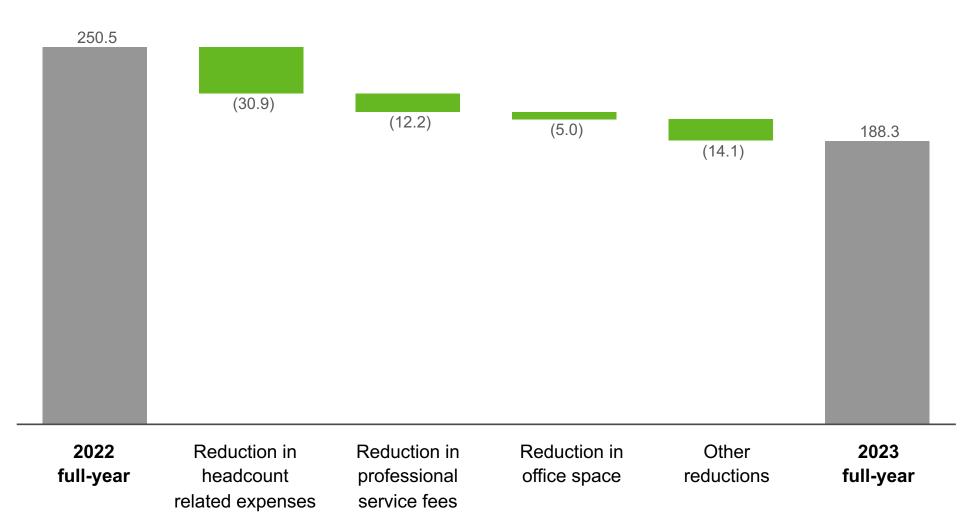
Non-GAAP gross profit as % of revenue*



3 Reducing G&A expenses

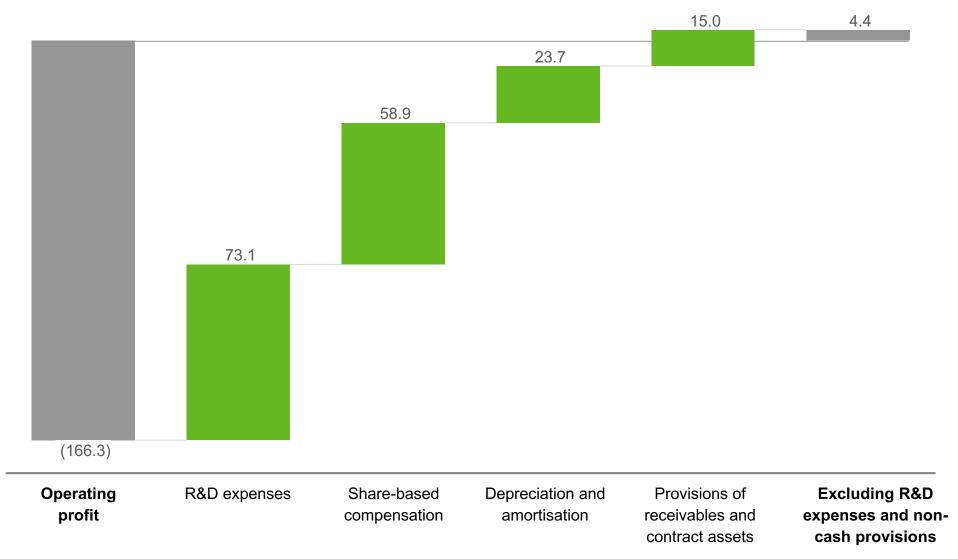
Expect additional cost savings going into 2024

Non-GAAP general and admin expenses* (RMB millions)



Excluding R&D expenses and non-cash items, 4Q23 already at profitability

RMB millions



Notes:

The above presentation includes non-GAAP measures. In evaluating the business, the company considers non-GAAP measures as supplemental measures to review and assess operating performance. The presentation of these non-GAAP financial measures is not intended to be considered in isolation or as a substitute for the financial information prepared and presented in accordance with accounting principles generally accepted in the United States of America ("U.S. GAAP").

Strong cash position to fund operations for the next 3 years Commercial operation (excluding R&D expenses) expected to reach profitability in 1H24 On R&D spend, disciplined investment in cancer early detection

| RMBm | 2022 | 2023 | 2024E ¹ |
|-------------------------------------|------|------|--------------------|
| Operating cash outflow ² | 457 | 256 | |
| Capex ³ | 75 | 9 | |
| Sum | 532 | 265 | c.150-200 |
| Cash balance at period-end | 925 | 615 | |

Notes: ¹ Based on management's current estimate and subject to change

² Net cash used in operating activities

³ Purchase and prepayment of property and equipment and intangible assets, issuance of convertible loan, out of investing cashflows

Financials

Steady progress of improving margins, profitability and reducing cash outflows

| RMB millions | 2022 | 2023 | ϒϭϒ | 1Q23 | 2Q23 | 3Q23 | 4Q23 | 4Q23 YoY | 4Q23 QoQ |
|------------------------------------|---------|---------|------|---------|---------|---------|---------------------------|--------------------------|-------------|
| Revenues | 563.1 | 537.3 | -5% | 142.6 | 146.2 | 127.6 | 121.0 ¹ | -15% ¹ | -5% |
| Central lab | 314.8 | 232.8 | -26% | 61.8 | 66.2 | 53.5 | 51.3 | -29% | -4% |
| In-hospital | 175.3 | 188.6 | 8% | 51.6 | 53.8 | 54.5 | 28.7 ² | -32% ² | -47% |
| Pharma | 73.0 | 115.9 | 59% | 29.2 | 26.2 | 19.6 | 41.0 | 48% | 109% |
| | | | | | | | | | |
| Non-GAAP gross profit ³ | 411.0 | 399.4 | -3% | 107.9 | 109.4 | 95.1 | 87.1 ⁴ | -21% ⁴ | -8% |
| | | | | | | | | | |
| Total opex | 1,360.5 | 1,032.4 | -24% | 287.2 | 236.1 | 264.7 | 244.4 | -23% | -8% |
| R&D ⁵ | 344.4 | 264.8 | -23% | 74.0 | 73.1 | 64.2 | 53.5 | -31% | -17% |
| S&M ⁵ | 350.6 | 227.4 | -35% | 60.5 | 64.7 | 56.8 | 45.4 | -43% | -20% |
| G&A ⁵ | 250.5 | 188.3 | -25% | 51.2 | 37.1 | 47.2 | 52.8 | 15% | 12% |
| SBC | 325.1 | 258.4 | | 77.8 | 37.2 | 72.7 | 70.7 | | |
| D&A | 89.9 | 93.5 | | 23.7 | 24.0 | 23.8 | 22.0 | | |
| Operating profit | (980.3) | (669.3) | | (188.5) | (135.7) | (178.8) | (166.3) | | |
| Net operating cash flows | (456.9) | (255.7) | | (113.1) | (79.2) | (47.4) | (16.0) | | |
| | | | | | | | | | |
| Margins | | | | | | | | | |
| Non-GAAP GP margin ³ | 73.0% | 74.3% | | 75.7% | 74.8% | 74.5% | 72.0% | | |
| Opex ⁵ / revenue | 168% | 127% | | 130% | 120% | 132% | 125% | | |
| S&M ⁵ / revenue | 62% | 42% | | 42% | 44% | 45% | 38% | | |

Notes:

¹ Total revenue in 4Q23 decreased by 15% YoY, primarily attributable to the decrease in revenue of two hospitals due to one-off adjustment. Exclude such two, total revenue for 4Q23 decreased by 7% YoY

² In-hospital revenue in 4Q23 decreased by 32% YoY, primarily attributable to one-off adjustment with two hospitals. Exclude such, revenue generated from in-hospital business for 4Q23 remained relatively stable (decreasing by 1%) YoY ³ Non-GAAP gross profit or margin, which is defined as gross profit or margin excluding depreciation and amortization (D&A)

⁴ Non-GAAP gross profit decreased by 21% YoY, primarily attributable to the decrease in revenue of two hospitals due to one-off adjustment. Exclude such two, non-GAAP gross profit for 4Q23 decreased by 10% YoY ⁵ Excluding share based compensation (SBC) and depreciation and amortization (D&A)

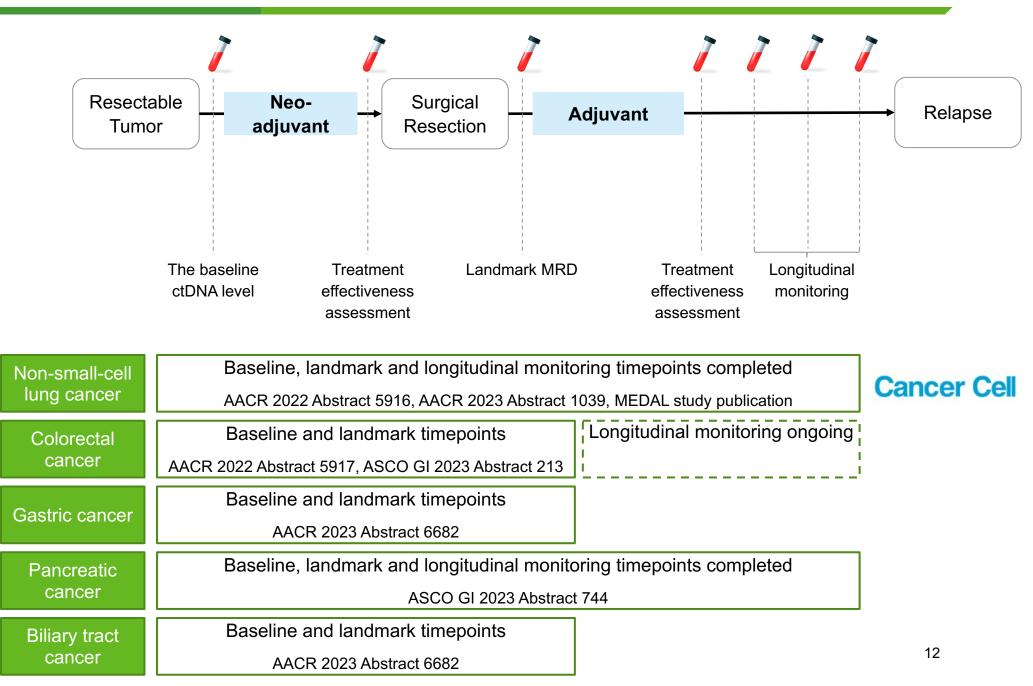




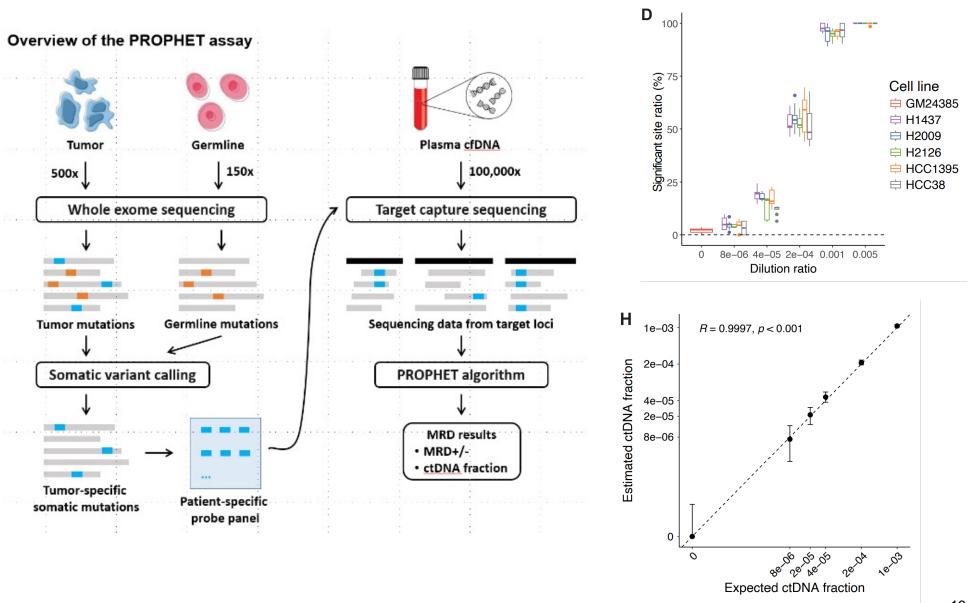
Minimal Residual Disease (MRD)

Burning Rock's MRD clinical publications

Covering adjuvant and relapse settings in lung, colorectal, gastric and other cancers



Overview of brPROPHETTM An ultrasensitive and quantitative MRD assay

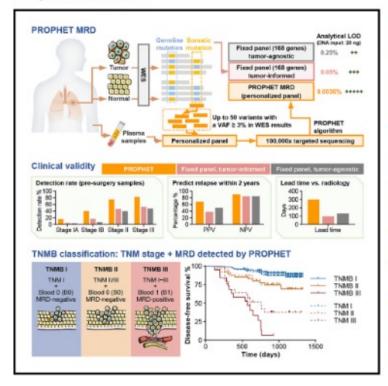


MEDAL study Personalized MRD using brPROPHET[™] on non-small cell lung cancer (NSCLC)

Cancer Cell

Individualized tumor-informed circulating tumor DNA analysis for postoperative monitoring of nonsmall cell lung cancer

Graphical abstract



Authors

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Correspondence

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In brief

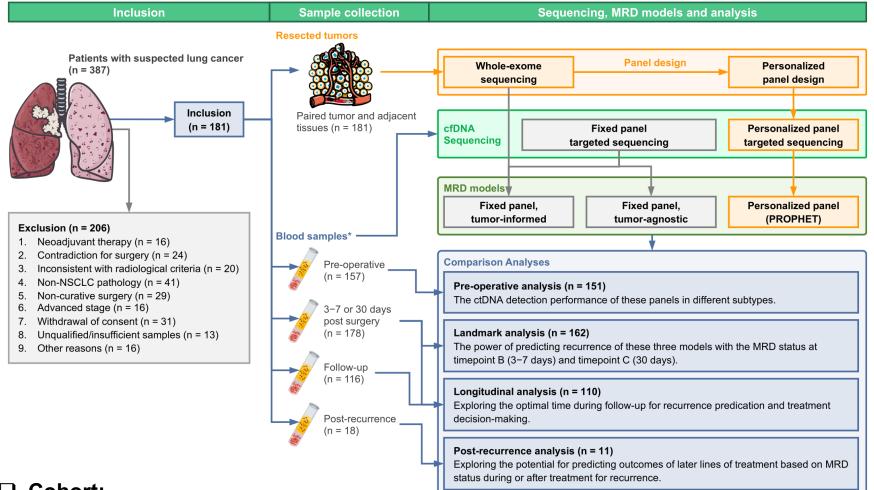
Chen et al. introduced personalized Patient-specific pROgnostic and Potential tHErapeutic marker Tracking (PROPHET) for detecting molecular residual disease (MRD) in NSCLC, featuring a notably low limit of detection (LOD). It exhibits elevated sensitivity and extended lead time than radiologically confirmed recurrence. It also facilitates prognostic accuracy and postoperative treatment evaluation.

Article Highlights

- PROPHET outperforms fixed-panel MRD assays in head-tohead comparison in NSCLC
- TNMB stage, integrating landmark ctDNA MRD and TNM, improves prognosis prediction
- PROPHET illustrates a median lead time of 299 days to radiological recurrence
- Post-relapse ctDNA status facilitates decision on later lines of treatment

Chen et al., 2023, Cancer Cell 41, 1–14 October 9, 2023 © 2023 Published by Elsevier Inc. https://doi.org/10.1016/j.ccell.2023.08.010

Study design

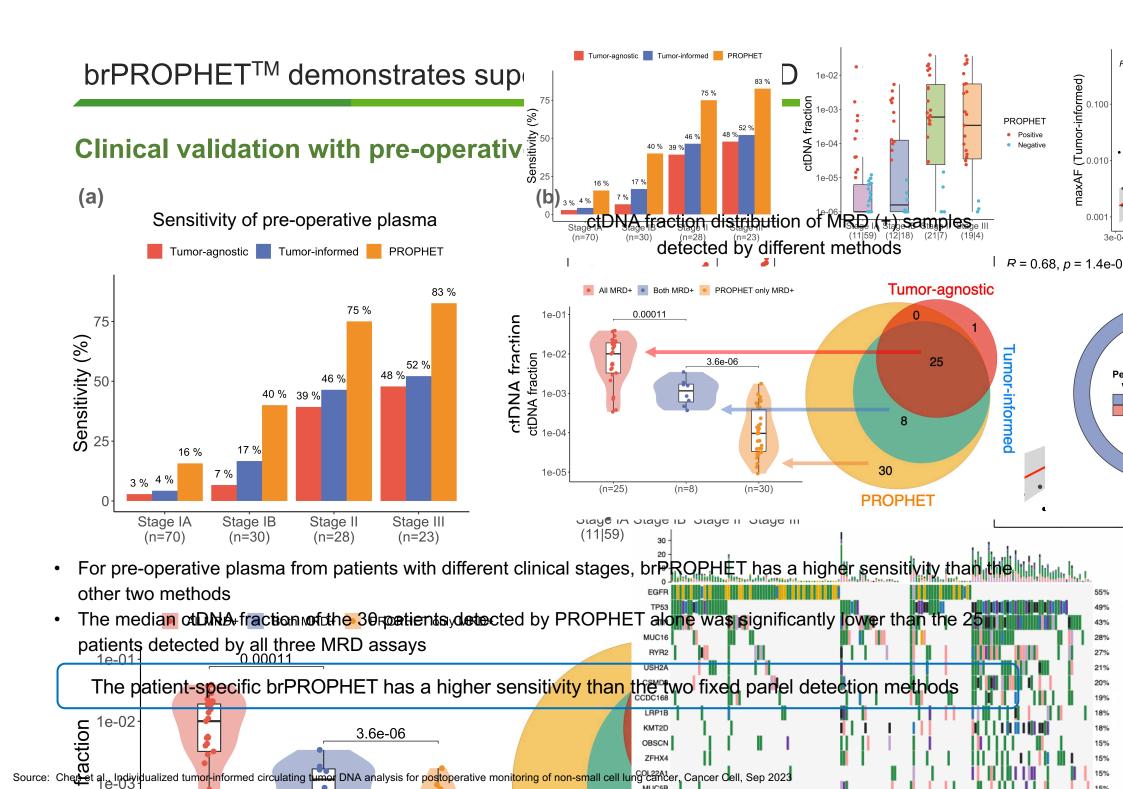


Cohort:

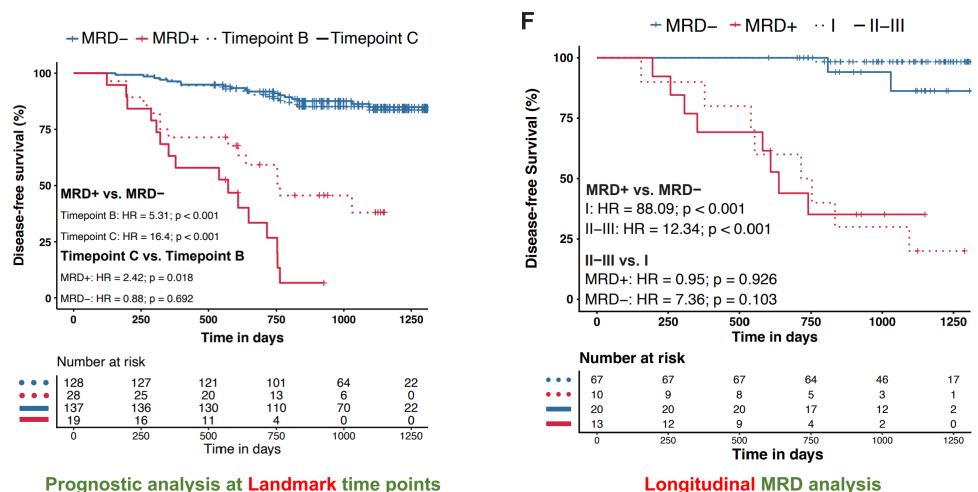
181 patients enrolled Stage I (63%), II (19%), and III (18%)

□ Sampling Time:

- Tumor and adjacent paired tissue collected at surgery
- Blood samples collected at Pre-operative, 3 days, and 30 days post-surgery
- Median Follow-up Time: 30 months



brPROPHET[™] shows strong prognostic value in post-surgery NSCLC patients



Longitudinal MRD analysis







Early detection

Burning Rock's multi-cancer early detection technology



Multi-cancer validation data

Unintrusive multi-cancer detection by circulating cell-free DNA methylation sequencing (THUNDER): development and independent validation studies

AACR 2022

Session OPO.CL11.01 - Biomarkers 5116 - Analytical performance of ELSA-seq, a blood-based test for early detection of multiple cancers

Session OPO.CL11.01 - Biomarkers 5109 - Development of cfDNA reference standards for methylation-sequencing tests ESMO 2022

A multi-cancer early detection model based on liquid biopsy of multi-omics biomarkers: A proof of concept study (PROMISE study)





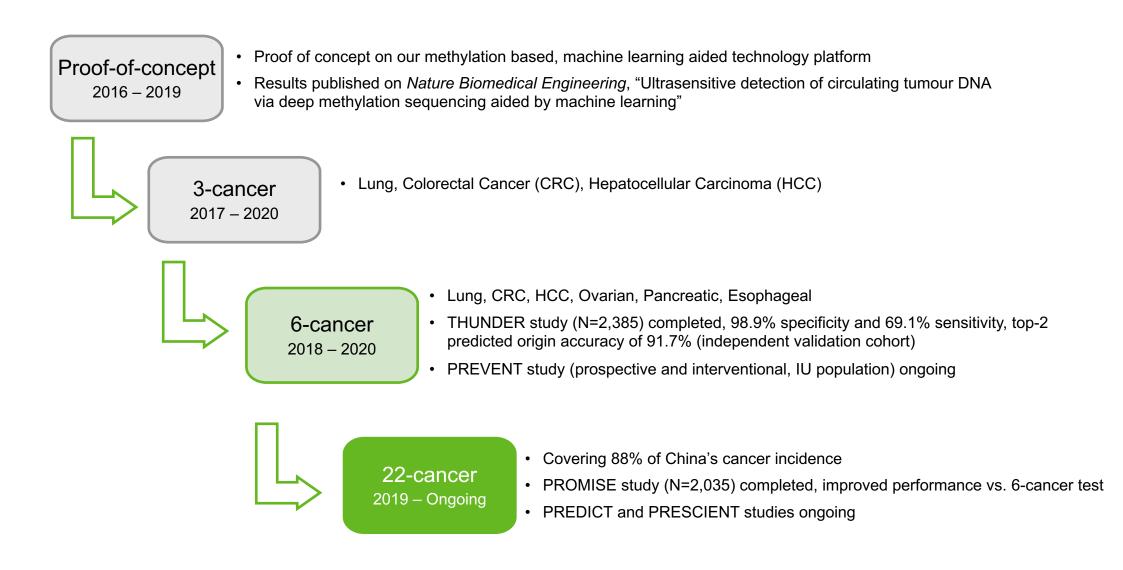
FDA breakthrough device designation granted



国家药品监督管理局 China NMPA breakthrough designation granted

19

Product development roadmap



Running the largest clinical programs in China supported by top physicians

PREDICT



One of China's largest comprehensive academic hospitals

Ranked top 5 in the 2019 China's general hospital rankings²

- Principal Investigator: Prof. Jia Fan
- Fellow of the Chinese Academy of Sciences
- President of Shanghai Zhongshan Hospital

PRESCIENT



4,236,000 outpatients on an annual basis¹

Leading site: Shanghai Zhongshan Hospital

Leading site: Cancer Hospital of the Chinese Academy of Medical Sciences³

Performs c.104,000 operations and serves c.169,000 inpatients and over

- The first and top cancer-specialist hospital in China
- The National Clinical Center for Cancer Research, the National Center for Quality Control on Standardized Cancer Treatment and Diagnosis, the National Clinical Center for Drug Research Fellow of the Chinese Academy of Sciences



President of CHCAMS

Principal Investigators

Prof. Jie Wang



Head of the Dept. of Medicine, CHCAMS

PREVENT



- Leading site: West China Hospital
 - One of the largest hospitals in China, performed 196,000 surgeries and 7.8 million out-patient services in 2021
 - Ranked #2 in the Fudan Best Hospital in China Rankings (2009-2020)

Principal Investigator: Prof. Weiming Li



President of West China Hospital



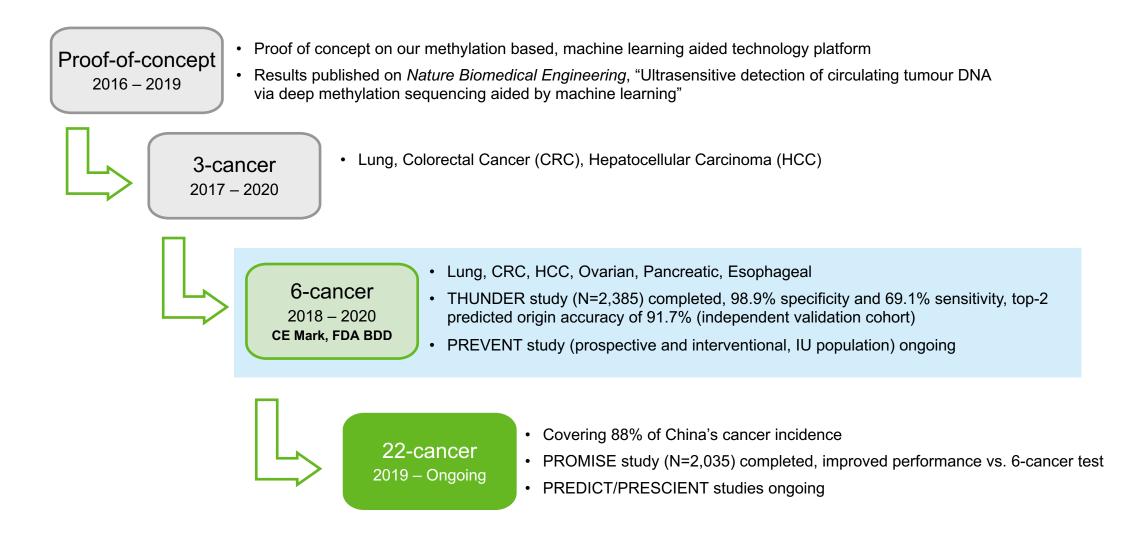




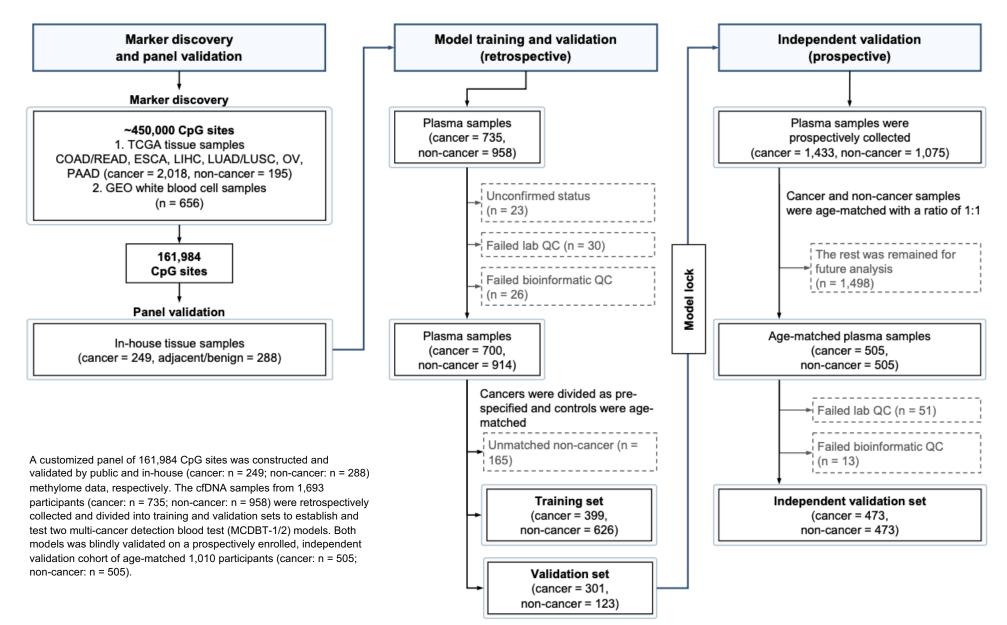
Appendix 1

Early detection

Product Development Roadmap

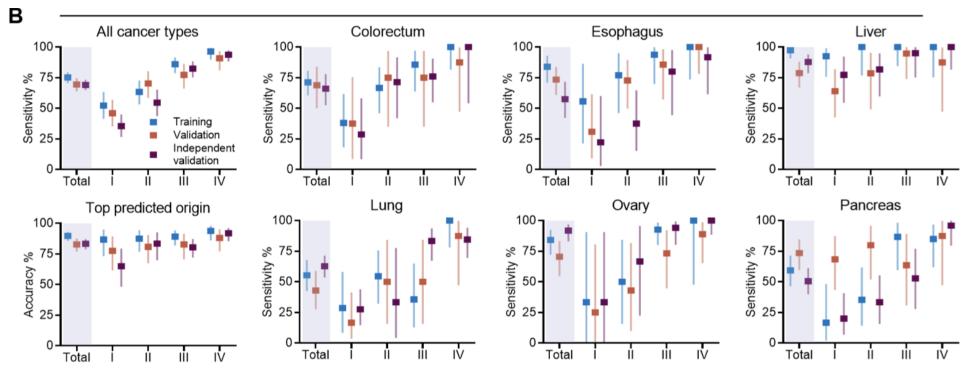


6-cancer test marker discovery and model training The THUNDER study, 2395 participants



6-cancer test, detection-of-cancer performance in case-control cohorts The THUNDER study

Fig 3. Performance of the MCDBT-1/2 models. A. Sensitivity, specificity, accuracy of top predicted origin, and accuracy of top two predicted origins. **B**. The overall sensitivity, accuracy of top predicted origin, and sensitivity stratified by cancer types reported by tumor stage.

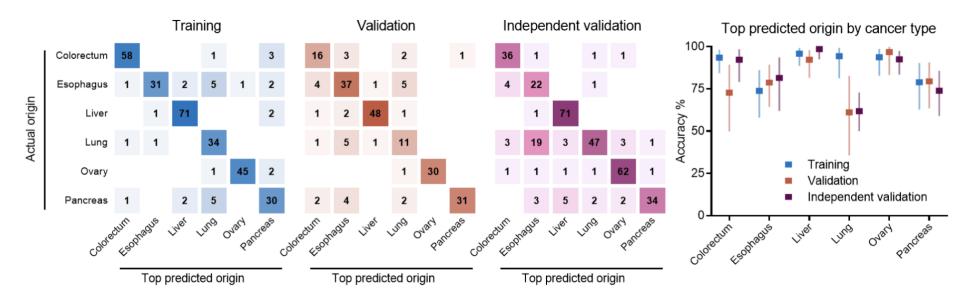


| Data set | Specificity (%) | Sensitivity (%) | Accuracy of top predicted origin (%) | Accuracy of top two predicted origins (%) |
|----------------------------|--------------------|------------------|---|--|
| Training set | 99.7 (98.9-100.0) | 75.2 (70.6-79.4) | 89.7 (85.7-92.9) | 94.7 (91.5-96.9) |
| Validation set | 100.0 (97.0-100.0) | 69.4 (63.9-74.6) | 82.8 (77.0-87.6) | 89.4 (84.5-93.3) |
| Independent validation set | 98.9 (97.6-99.7) | 69.1 (64.8-73.3) | 83.2 (78.7-87.1) | 91.7 (88.2-94.5) |

Source: Gao et al., Unintrusive multi-cancer detection by circulating cell-free DNA methylation sequencing (THUNDER): development and independent validation studies, ASCO 2022

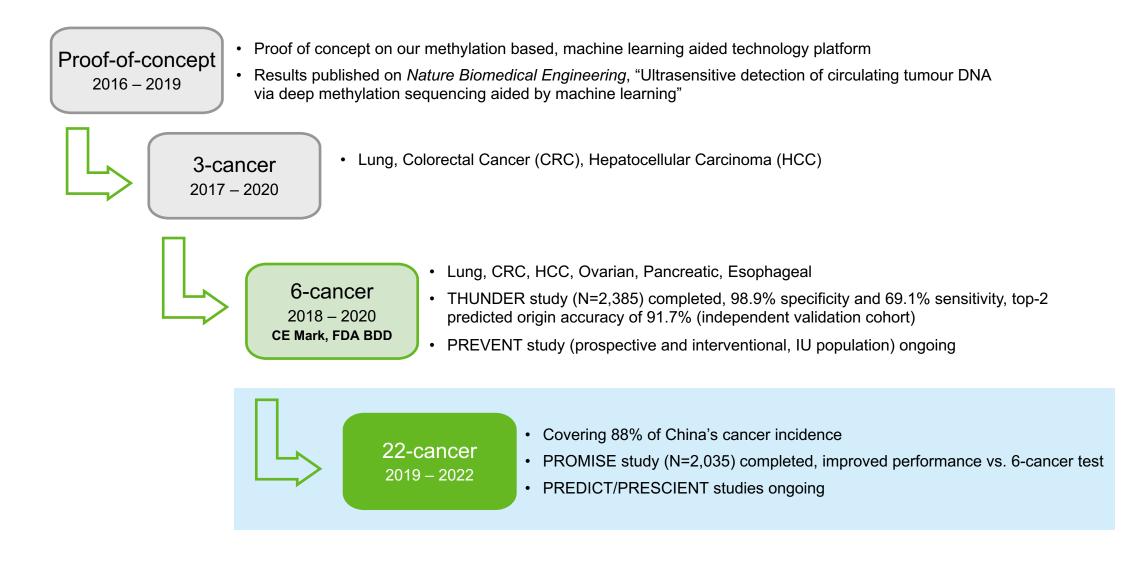
6-cancer test, top-predicted-origin performance in case-control cohorts The THUNDER study

Fig 4. Top predicted origin for the MCBDT-1 model. Confusion matrices representing the predicted origin in the training, the validation, and the independent validation sets.

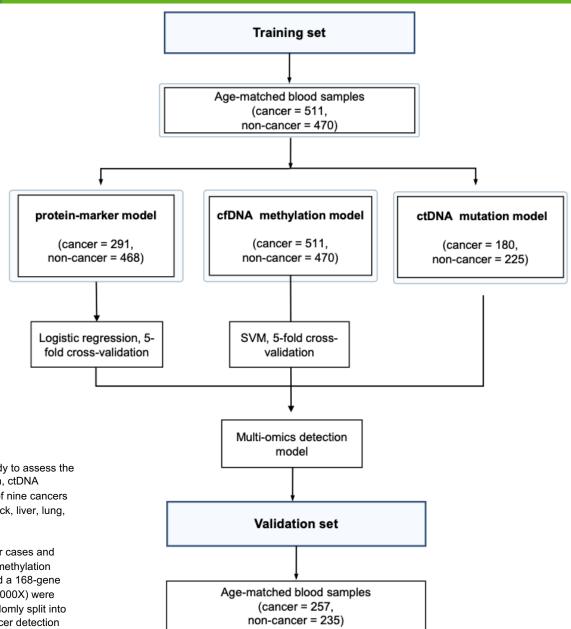


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Product Development Roadmap



9-cancer test, multi-omics model The PROMISE study

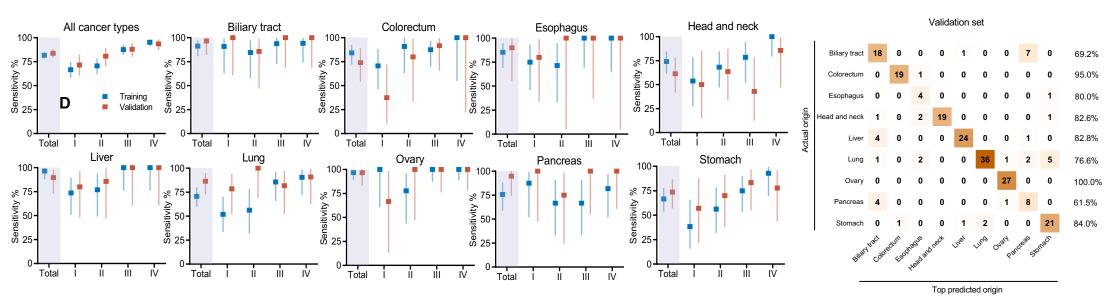


PROMISE is a prospective multicenter case-control study to assess the performance of multi-omics including cfDNA methylation, ctDNA mutation and protein biomarkers in the early detection of nine cancers in the biliary tract, colorectum, esophagus, head and neck, liver, lung, ovary, pancreas and stomach.

Blood samples were prospectively collected from cancer cases and non-cancer controls. A targeted cell-free DNA (cfDNA) methylation panel of ~490,000 CpG sites (1,000X) by ELSA-seq and a 168-gene mutation panel (35,000X, matched white blood cells:10,000X) were sequenced. Age-matched cases and controls were randomly split into training (n = 981) and test sets (n = 492). The multi-cancer detection blood test (MCDBT) models were developed in the training set and then validated in the test set.

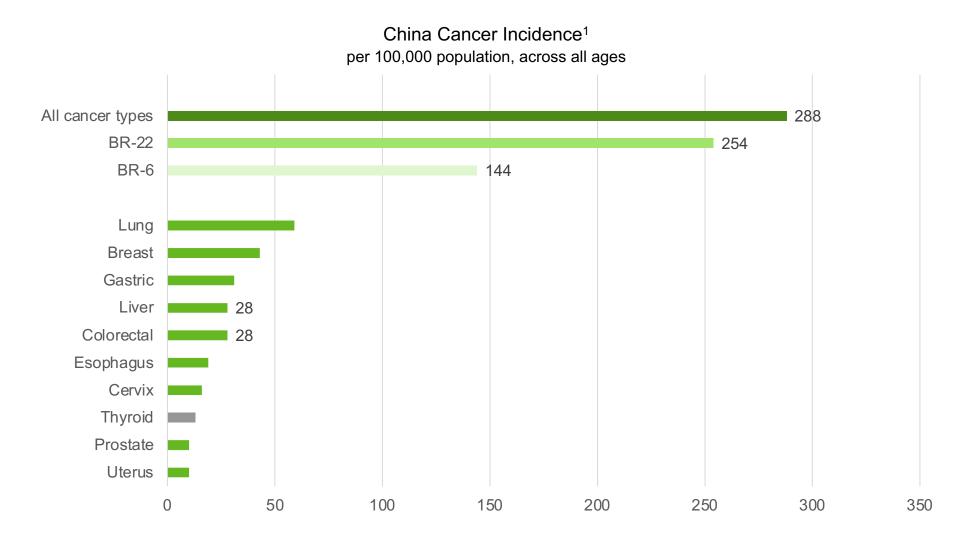
| | Cancer (n) | Non-cancer (| n) Specificity (%) | Sensitivity (%) | Accuracy of top predicted origin (%) |
|------------|------------|--------------|---------------------|---------------------|--------------------------------------|
| Training | 470 | 511 | 97.9% (96.1%-99.0%) | 81.7% (78.1%-84.9%) | 86.6% (83.0%-90.0%) |
| Validation | 257 | 235 | 98.3% (96.6%-99.4%) | 83.7% (79.0%-88.0%) | 81.9% (76.0%-87.0%) |

| | Multi-omics | Methylation | Mutation | Protein |
|----------------------|---------------------|---------------------|----------------------|----------------------|
| Specificity (95% CI) | 98.3% (96.6%–99.4%) | 99.1% (97.3%–99.8%) | 99.6% (97.9%–100.0%) | 99.6% (98.7%–100.0%) |
| Sensitivity (95% CI) | 83.7% (78.6%–88.0%) | 79.0% (73.5%–83.8%) | 49.4% (41.9%–57.0%) | 47.8% (40.8%–54.9%) |



- PROMISE demonstrated 83.7% sensitivity and 98.3% specificity for 9 cancers
- Methylation contributed >90% of the total sensitivity, while protein and mutation collectively provided <10% additional positive detections

Burning Rock's 22-cancer test covers 88% of China's cancer incidence



Notes:

¹ Incidence data per "2018 China cancer registry annual report ", J He et al., ISBN 978-7-117-28585-8

² Final number of cancer types subject to development progress

Leadership in multi-cancer early detection First-in-class, high entry-barrier, multi-year efforts

| | Challenges | BNR position |
|------------|---|---|
| 1 | Low amount of cancer signal | Proprietary chemistry and algorithm |
| Technology | in the circulating bloodstream, much more challenging compared to tissue | On par with global leader, competitive sensitivity in earlier stages for certain cancers |
| | | Multi-year lead vs. China peers (most showing liver-cance and colon-cancer data only) |
| 2 | Large, multi-year studies required | Sponsorship from top physicians |
| Clinical | from case-control to intend-to-use population, from observational to interventional (e.g. CCGA study: | Catching up with global leader, to improve specificity and tissue-of-origin performance through large clinical studies |
| | 15,254 participants, 8,584 with cancer, 6,670 without cancer) | Multi-year lead in China as the only company that has launched studies with over 10,000+ subjects |
| 3 | First-in-class | Leading regulatory capability in China |
| Regulatory | with no established regulatory pathway | Exploring possible pathway, leveraging experience through the country's first NMPA-approved NGS kit |
| 4 | | |
| | Unprecedented product | Multi-pronged approach |
| Commercial | | Initially working with hospitals' health check-up departments, leveraging synergy from in-hospital therapy selection business |







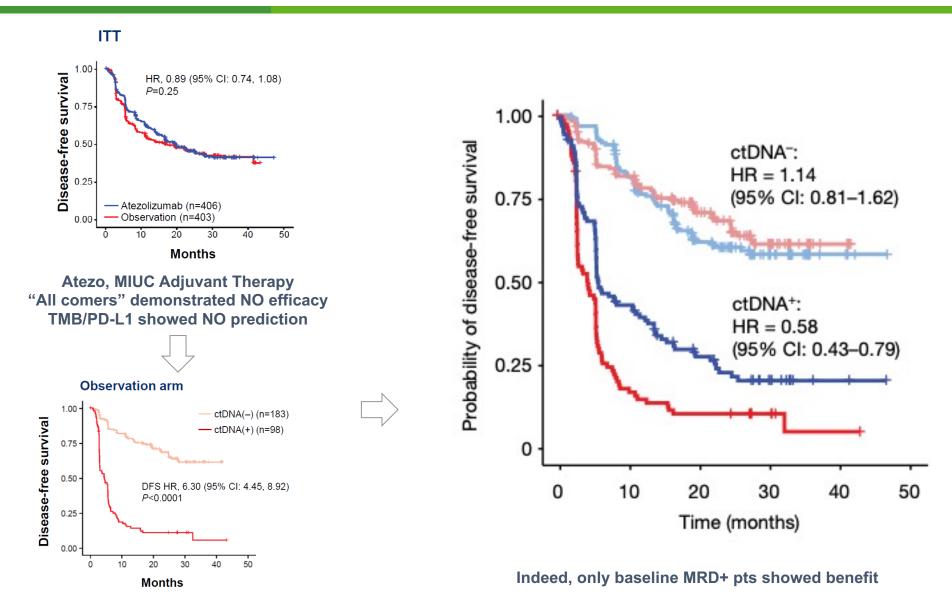
Appendix 2





How do MRD studies advance utility

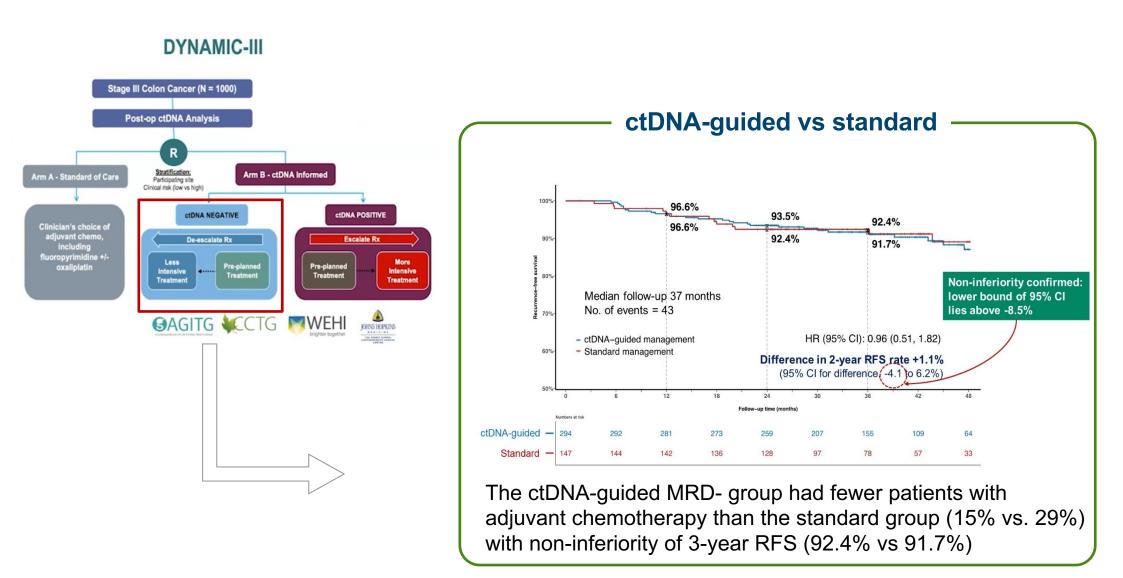
Example 1: IMvigor010, enrich the high-risk group and "tune-up" adjuvant treatment



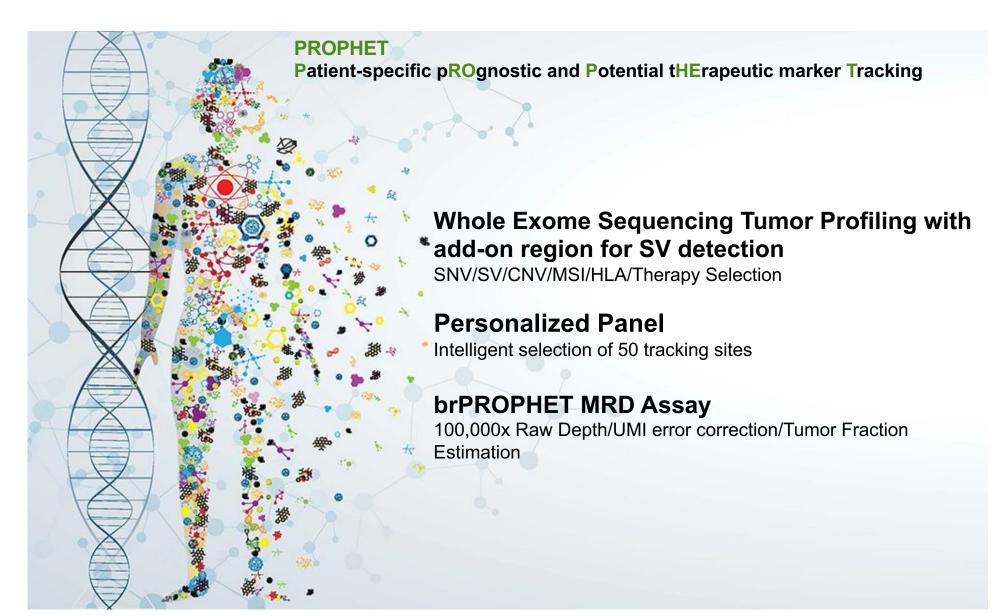
Landmark MRD+ pts (39%) had worse prognosis Maybe only those patients can benefit?

How do MRD studies advance utility

Example 2: Dynamic, identify low-risk patients and "tune-down" adjuvant treatment



brPROPHET[™] – Burning Rock's MRD solution



Gastric cancer cohort publication at AACR 2023

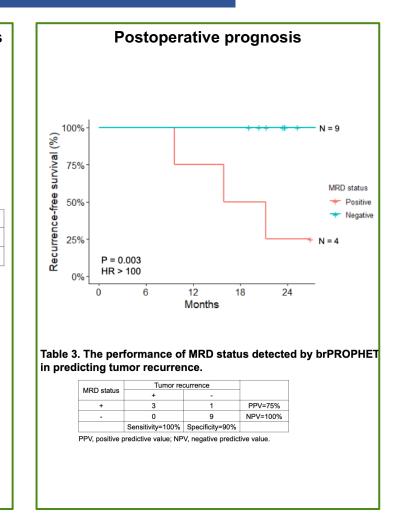


Circulating tumor DNA - based molecular residual disease predicts relapse in patients with resectable gastric cancer

Pei Xue¹, Yanfei Shao¹, Xueliang Zhou¹, Haiyan Li², Yang Wang², Chenyang Wang², Hao Zhang², Bing Li², Shuo Shi², Haiwei Du², Jing Sun¹ 1. Department of General Surgery, Ruijin Hospital, Shanghai Jiao Tong University, Shanghai, China 2. Burning Rock Biotech, Guangzhou, China

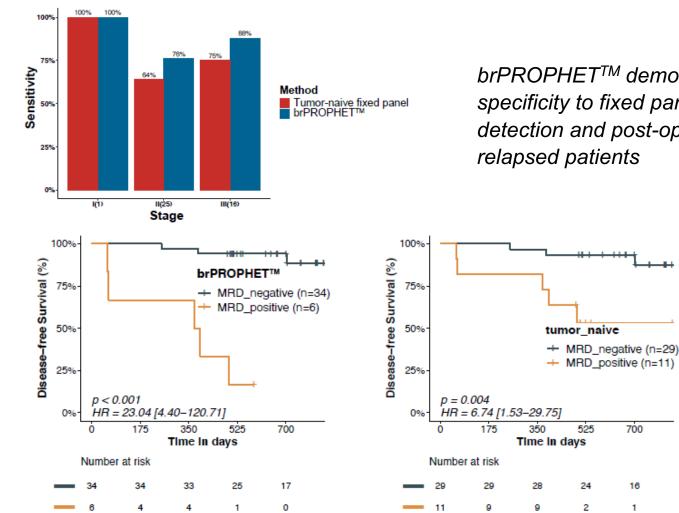


Study cohort Personalized assay significantly out-performs fixed panels Enrollment 55 patients eligible The ctDNA+ rate of preoperative samples · Preoperative plasma collected Resected tumor tissue obtained detected by fixed panel and personalized Sub-cohort (N = 19) Major cohort (N = 55) brPROPHET[™] assays Analyzed by fixed-panel TI Analyzed by fixed-panel TI Allocation assay and personalized assav brPROPHET assay ctDNA⁺ rate Overall Stage I Stage II Stage III 13 plasma samples collected 19 plasma samples collected Follow-up at postoperative 2-4w at postoperative 2-4w Fixed panel 0% (0/3) 0% (0/4) 58.3% (7/12) 36.8% (7/19) landmark point landmark point brPROPHET 100% (4/4) 66.7% (2/3) 91.7% (11/12) 89.5% (17/19) • 19 for preoperative ctDNA 19 for preoperative ctDNA positivity analysis (Table 1) positivity analysis (Table 1) 13 for recurrence-free 19 for recurrence-free survival analysis of landmark survival analysis of landmark Analysis points (Figure 2) points (Figure 3) 13 landmark points assessed 13 landmark points assessed for sensitivity and for sensitivity and specificity specificity (Table 3) (Table 2)



Colorectal cancer cohort publication at AACR 2022

Session OPO.PR02.01 - Clinical Prevention, Early Detection, and Interception 5917 - Patient-specific tumor-informed circulating tumor DNA (ctDNA) analysis for postoperative monitoring of patients with stages I-III colorectal cancer (CRC)



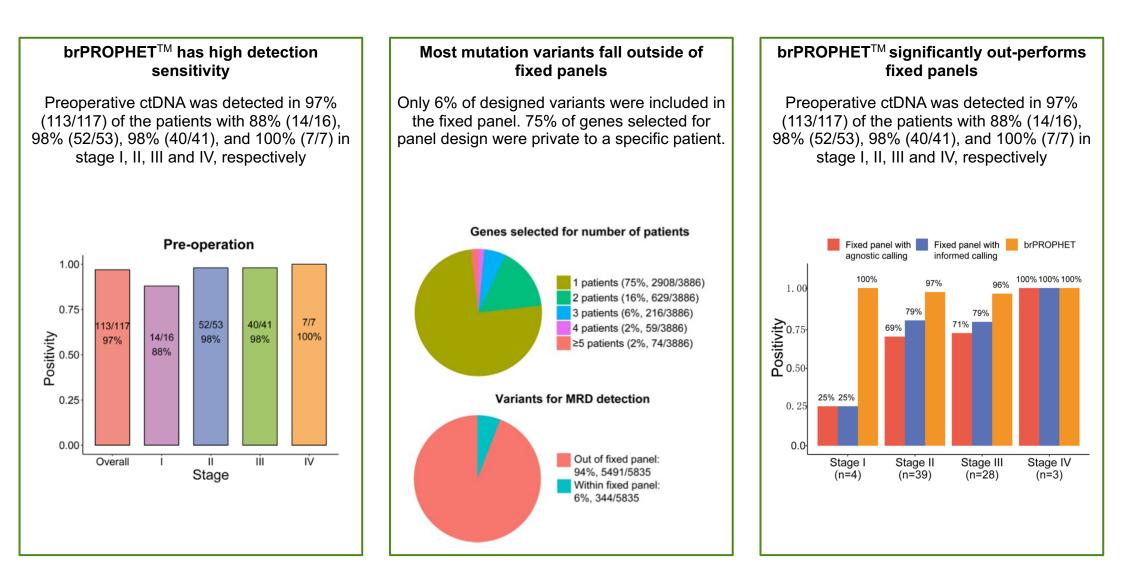
brPROPHET[™] demonstrated superior sensitivity and specificity to fixed panel in pre-operative ctDNA detection and post-operative MRD calling among relapsed patients

700

16

1

Second colorectal cancer cohort publication at ASCO GI 2023



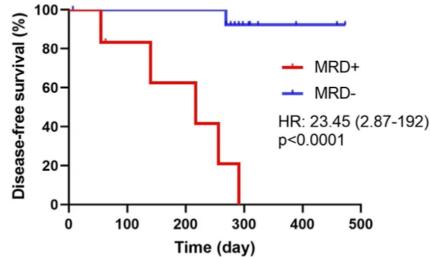
Patients: A total of 117 patients (stage II/III 53 [45.3%] / 41 [35.0%]) who received surgery were analyzed. A subset of 74 patients were analyzed for comparisons of different methods. Samples: Tumor tissue samples were collected at the surgery. Plasma samples collected at baseline, landmark 7-day and 1-month, and longitudinal points were analyzed.

Source: Cao et al., Patient-specific tumor-informed circulating tumor DNA analysis for molecular residual disease detection in surgical patients with stages I-IV colorectal cancer, ASCO GI 2023

Pancreatic cancer cohort publication at ASCO GI 2023

| Table 1: ctDNA detection at serial timepoints | | | | | | | | |
|--|------|-------|-----|-------|-------|--|--|--|
| Baseline Timepoint A Timepoint B Timepoint C Follow-u (Day 0) (Day 7) (Day 30) (During AT) | | | | | | | | |
| Positive | 20 | 2 | 1 | 2 | 4 | | | |
| Negative | 0 | 16 | 9 | 12 | 5 | | | |
| Positive Rate | 100% | 11.1% | 10% | 14.3% | 44.4% | | | |

Figure 1: Longitudinal MRD detection is associated with shorter disease-free survival



Patients: A total of 20 patients (stage I/II 10 [50.0%] / 9 [45.0%]) were analyzed. 13 (65.0%) patients were treated with adjuvant therapy (AT) after surgery.

Samples: Tumor tissue samples were collected at the surgery. Plasma samples collected at baseline (n=20), landmark 7-day (n=18) and 1-month (n=10), and longitudinal points (n=23) were analyzed. Patients were 39 followed for a median of 302 days.

Source: Wang et al., Patient-specific tumor-informed circulating tumor DNA (ctDNA) assay predicts cancer recurrence in patients with resected pancreatic cancer, ASCO GI 2023







Appendix 3

Therapy selection

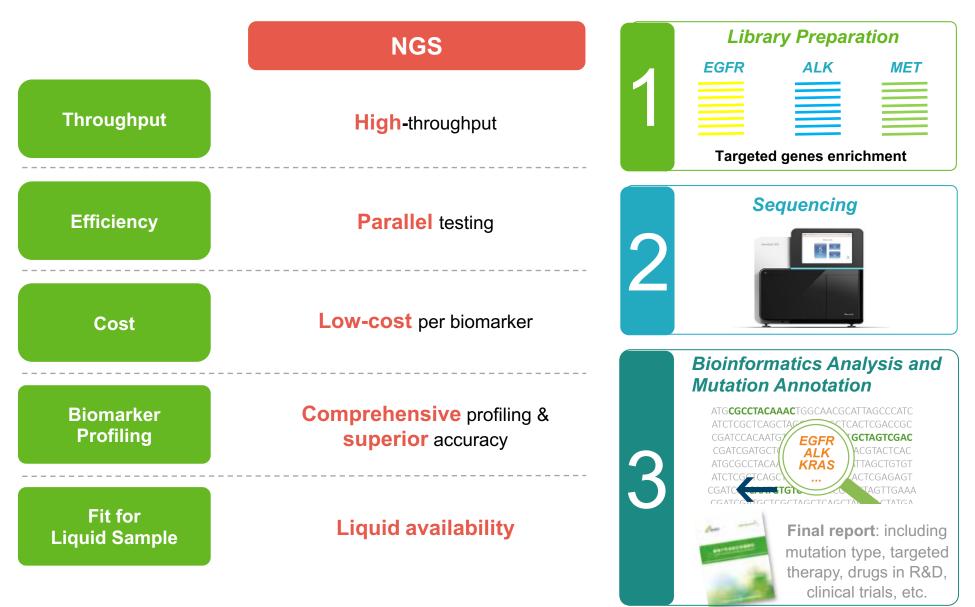
NMPA approved NGS panels

| | | First NMPA-approved kit | Second NMPA-approved kit |
|-----------------------------------|---|--|--|
| | Kan | EGFR, ALK, BRAF, KRAS Approved in Jul 2018 <u>First approved NGS kit in China</u> | EGFR, KRAS, MET, ERBB2, BRAF, PIK3CA, ALK, ROS1, RET Approved in Mar 2022 |
| | Novogene 诺禾 | EGFR, KRAS, BRAF, PIK3CA, ALK, ROS1 Approved in Aug 2018 | |
| NMPA approved | Geneseeq 世和 | EGFR, ALK, ROS1, BRAF, KRAS, ERBB2 Approved in Sep 2018 | |
| testing kits by major NGS- | BGI 华大 | EGFR, KRAS, ALK Approved in Aug 2019 | |
| focused companies ¹ | Gene+ 吉因加 | EGFR, KRAS, ALK Approved in Dec 2019 | |
| Companies | Genetron 泛生子 | EGFR, KRAS, BRAF, ERBB2, PIK3CA, ALK, ROS1, MET Approved in Feb 2020 | |
| | Genecast 臻和 | KRAS, NRAS, BRAF, PIK3CA Approved in Mar 2021 | |
| | 3DMed 思路迪 | | |

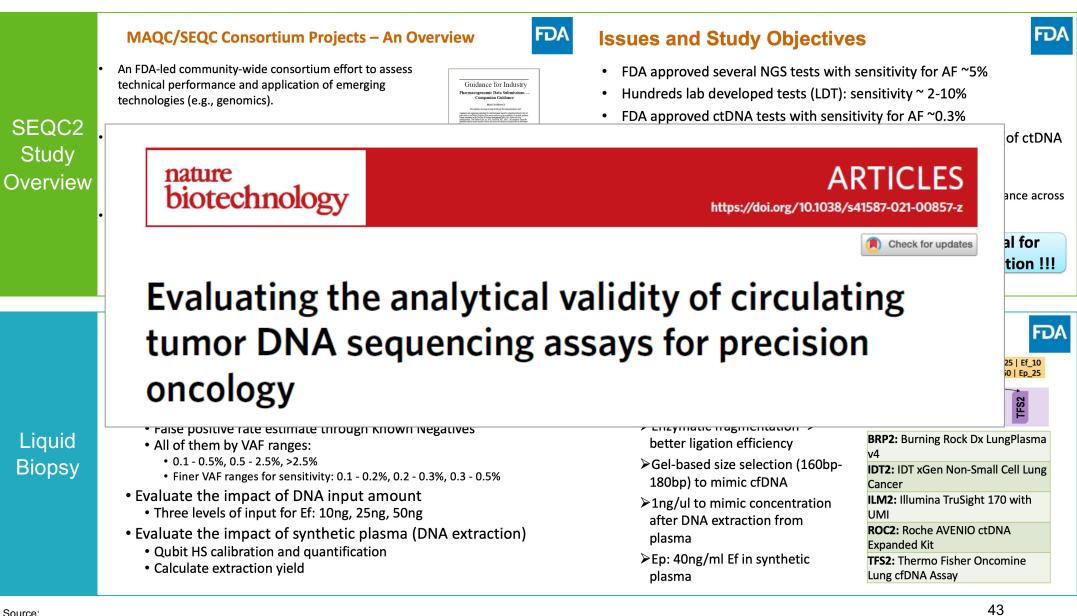
Highlights on our second NMPAapproved kit

- Only 30ng DNA input required, applicable to small tissue samples
- First NMPA approved NGS kit with CNV² mutation type, with MET exon14 skipping

Notes: ¹ The list is not exhaustive. A total of 13 kits have been approved by the NMPA as of the date of this presentation ² Copy number variation

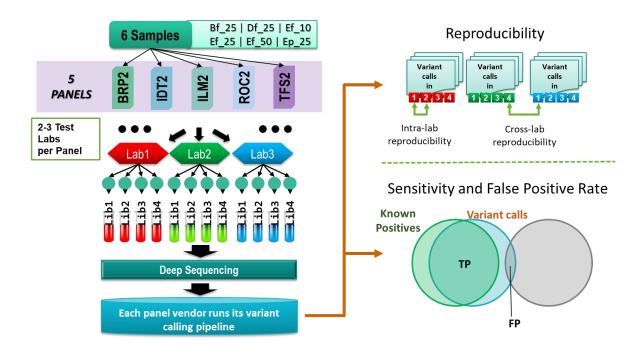


Leading liquid-biopsy product in China, with globally competitive performance Demonstrated in high-impact analytical validation study



Slides from "Establishing the analytical validity of circulating tumor DNA sequencing for precision oncology", 5th Annual Liquid Biopsy for Precision Oncology Summit, Feb 2021 Further information in Appendix 2

| | | | | Sequencing | Target | Reportable | Coding | | Negatives | |
|---|------|-------------------------------|---------------------------------|-------------------|--------|-------------|--------|----------|-----------|----------|
| I | Name | Vendor | ctDNA assay | platform | genes | region (kb) | (kb) | CTR (kb) | (× 1,000) | Variants |
| I | ROC | Roche Sequencing Solutions | AVENIO ctDNA (Expanded Kit) | Illumina NextSeq | 77 | 161.7 | 140.2 | 103.8 | 47.1 | 189 |
| | ILM | Illumina | TruSight Tumor 170 + UMI | Illumina NovaSeq | 154 | 501.0 | 390.1 | 338.4 | 133.0 | 574 |
| | IDT | Integrated DNA | xGen Non-small Cell Lung Cancer | Illumina NovaSeq | 24 | 110.1 | 93.2 | 76.5 | 39.3 | 130 |
| | BRP | Burning Rock Biotech | Lung Plasma v4 | Illumina NovaSeq | 168 | 226.9 | 148.5 | 125.1 | 53.4 | 229 |
| | TFS | i nermo ⊢isner Scientific | Oncomine Lung cfDNA assay | Ion Torrent S5 XL | 11 | 1.9 | 1.6 | 1.3 | 0.8 | 5 |



Source:

"Evaluating the analytical validity of circulating tumor DNA sequencing assays for precision oncology", Nature Biotechnology, Apr 2021

Overall analytical accuracy and specificity

1.00 Precision Lbx-low: - ROC - ILM - IDT BRP 0.97 1.00 0.00 Sensitivity

Analytical accuracy

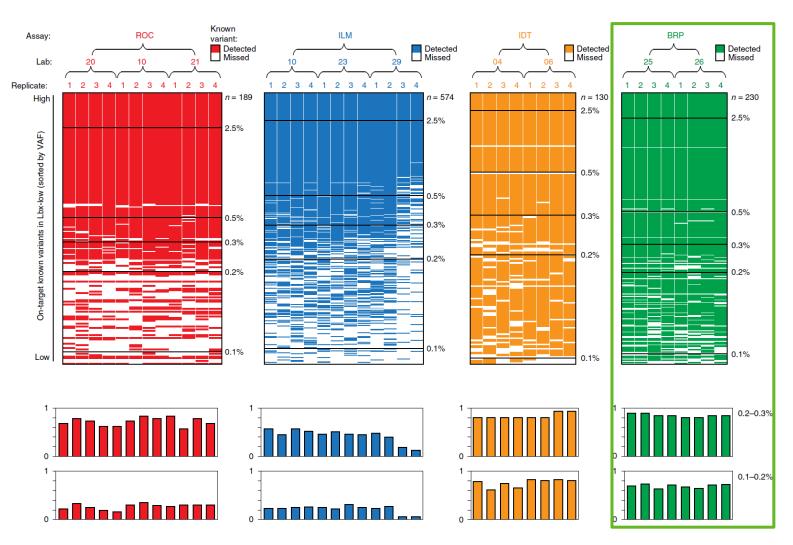
| | Known negatives | FPs per replicate | VAF thre | eshold | |
|-------|-----------------|---------------------------|----------|--------|--------|
| Assay | (kb) | (mean [range]) | >0% | > 0.1% | > 0.5% |
| ROC | 47.1 | 2.91 [1-6] | 0.061 | 0.044 | 0.000 |
| ILM | 133 | 5.25 <mark>[2-</mark> 10] | 0.039 | 0.039 | 0.008 |
| IDT | 39.3 | 2.75 [0-6] | 0.070 | 0.057 | 0.000 |
| BRP | 53.4 | 1.65 [0-5] | 0.030 | 0.007 | 0.000 |

The analytical accuracy was measured by **Precision-Sensitivity** plot (25ng LBx-Low) The false positive rates were computed by FP/kb region. Once different VAF threshold increases, FP rates dropped further.

"To compare the accuracy of the participating ctDNA assays, we generated precision recall curves, ranking known variants and FPs according to their observed VAFs. For Lbx-low samples at 25ng input, BRP was the most accurate assay, with roughly equivalent sensitivity but superior precision to IDT (Fig. 4b and Supplementary Fig. 4c). "

FP-rate (FP / kb) at specified

Performance – Sensitivity



"The most sensitive assays (IDT and BRP) achieved sensitivity greater than 0.90 for variants with 0.3–0.5% VAF; however, no assays reached this mark for variants with 0.2–0.3% or 0.1– 0.2% VAF (Fig. 4a)."

"The performance characteristics of the assays evaluated here were broadly similar to what has been reported by several ctDNA sequencing providers (based on internal testing) that did not participate in this study. During validation of the Guardant360 CDx hybrid capture assay, variants were detected with high sensitivity (~94%) at VAF \geq 0.4%, declining to ~64% among variants with VAF ranging from 0.05% to 0.25%." FoundationACT showed ~99% sensitivity for SNVs with VAF > 0.5%, ~95% for 0.25%-0.5% VAF and ~70% for 0.125-0.25% VAF."

LBx-low (25 ng input) replicates in each participating assay in different expected VAF bin.