

DOT (Chair)	<u>Disease/Histology</u>	<u>Non-Metastatic Disease</u> Disease Stage - Somatic *PMA (vendor)	<u>Metastatic Disease</u> Somatic PMA (vendor)	**CGP applicable for all patients with metastatic disease Yes (Y) or ***No (N)	<u>Germline PMA (vendor)</u>
Breast (Yen)	Ductal CA	Genomic Health – OncotypeDx Assay Agendia – Mammaprint and Blueprint assay BCI – Breast Cancer Index (for late recurrence risk)	Foundation One CDx (Foundation Medicine), Guardant360 CDx (Guardant Health)	No. Foundation One testing used after disease progression after 1 – 2 lines of treatment.	Ambry Custom DNA/RNA hereditary cancer panel or Invitae Custom DNA Panel
	Lobular CA	Genomic Health – OncotypeDx Assay Agendia – Mammaprint and Blueprint assay BCI – Breast Cancer Index (for late recurrence risk)	Foundation One CDx (Foundation Medicine), Guardant360 CDx (Guardant Health)	No. Foundation One testing used after disease progression after 1 – 2 lines of treatment.	Ambry Custom DNA/RNA hereditary cancer panel or Invitae Custom DNA Panel
	Others				
Thoracic (Menon)	Small Cell Lung Cancer	NA	Caris Molecular Intelligence (Caris) Guardant360 CDx (Guardant Health)	Yes	Not typically hereditary however, dependent on personal/family history
	NSCLC	Caris Molecular Intelligence (Caris)	Caris Molecular Intelligence (Caris) Guardant360 CDx (Guardant Health)	Yes	Not typically hereditary however, dependent on personal/family history
	Others				
GI (Tsai)	Colon CA	Stage II & III- Signatera for MRD Stage I, II & III -	Foundation One CDx (Foundation Medicine)	Yes	Ambry Custom DNA/RNA hereditary

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		MMR status IHC & PCR (WDL/GSPMC) mfolfoxAI (Caris)	Guardant 360 (Guardant Health) mfolfoxAI (Caris)		cancer panel or Invitae Custom DNA Panel
	Pancreas CA	Tempus xT and Tempus -HRD (Tempus)	Tempus xT and Tempus-HRD (Tempus)	Yes	Ambry Custom DNA/RNA hereditary cancer panel or Invitae Custom DNA Panel
	Gastric CA	HER-2/Neu amplification (WDL)	Foundation One CDx (Foundation Medicine) Guardant 360 (Guardant Health)	Yes	Ambry Custom DNA/RNA hereditary cancer panel or Invitae Custom DNA Panel
	Esophageal CA	HER-2/Neu amplification (WDL)	Foundation One CDx (Foundation Medicine) Guardant 360 (Guardant Health)	Yes	Not typically hereditary however, dependent on personal/family history
	Hepatocellular CA	NA	Foundation One CDx (Foundation Medicine) Guardant 360 (Guardant Health)	Yes	Not typically hereditary however, dependent on personal/family history
	Cholangiocarcinoma	NA	Tempus xT (Tempus) Guardant 360 (Guardant Health)	Yes	Ambry Custom DNA/RNA hereditary cancer panel or Invitae Custom DNA Panel
	NET (well-mod differentiated)	NA	Foundation One CDx (Foundation Medicine)	Yes	Not typically hereditary however,

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			Guardant 360 (Guardant Health)		dependent on personal/family history
	NET (poorly differentiated)	NA	Foundation One CDx (Foundation Medicine) Guardant 360 (Guardant Health)	Yes	Not typically hereditary however, dependent on personal/family history
	Others	NA	Foundation One CDx (Foundation Medicine) Guardant 360 (Guardant Health)	Yes	
GU (Langenstroer) Liquid PMA has been variable – Foundation Liquid or Guardant 360, but moving towards Guardant 360	Prostate CA	NA	Foundation One CDx (Foundation Medicine) Guardant 360 (Guardant Health)	Yes	Ambry Custom DNA/RNA hereditary cancer panel or Invitae Custom DNA Panel
	Kidney	NA	Foundation One CDx (Foundation Medicine) Guardant 360 (Guardant Health)	Yes	Ambry Custom DNA/RNA hereditary cancer panel or Invitae Custom DNA Panel
	Bladder	Foundation One CDx (Foundation Medicine)	Foundation One CDx (Foundation Medicine) Guardant 360 (Guardant Health)	Yes	Ambry Custom DNA/RNA hereditary cancer panel or Invitae Custom DNA Panel
	Testicular	NA	Foundation One CDx (Foundation Medicine) Guardant 360 (Guardant Health)	Yes	Not typically hereditary however, dependent on

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					personal/family history
	Others				
Gyn-Onc (Uyar)	Ovarian CA	NA (At recurrence, assays will be employed as in the metastatic setting)	Foundation One CDx (Foundation Medicine), Ambry Genetics -Tumor Next HRD (Ambry Genetics) MyChoice, Myriad	Yes	Myriad MyRisk
	Endometrial CA	NA (At recurrence, assays will be employed as in the metastatic setting)	Foundation One CDx (Foundation Medicine)	Yes (histology dependent)	Ambry Custom DNA/RNA hereditary cancer panel or Invitae Custom DNA Panel
	Cervical CA	NA (At recurrence, assays will be employed as in the metastatic setting)	Foundation One CDx (Foundation Medicine)	Yes	Not typically hereditary however, dependent on personal/family history
	Others Granulosa Cell Cancer	NA (At recurrence, assays will be employed as in the metastatic setting)	Foundation One CDx (Foundation Medicine) Androgen Markers (WDL)	Yes	
Neuro-Onc (Bovi)	Glioblastoma	Grade 2, 3, & 4 Gliomas (Astrocytomas and Oligodendrogliomas)	Glioseq (UPMC), MGMT (LabCorp)	Yes	Ambry Custom DNA/RNA hereditary cancer panel or Invitae Custom DNA Panel
	Others				

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Head & Neck (Wong)	HNSCC	NA	Foundation One CDx (Foundation Medicine)		Not typically hereditary however, dependent on personal/family history
	Others				
Sarcoma (Charlson)	Sarcoma	NA	Tempus xT (Tempus) Guardant 360 (Guardant Health)	Yes	Ambry Custom DNA/RNA hereditary cancer panel or Invitae Custom DNA Panel
	GIST	Tempus xT (Tempus)	Tempus xT (Tempus) Guardant 360 (Guardant Health)	Yes	
	Others	NA	Tempus xT (Tempus)	Yes	
Endocrine (Wang)	Adrenocortical CA	NA	Foundation One CDx (Foundation Medicine)	Yes	Ambry Custom DNA/RNA hereditary cancer panel or Invitae Custom DNA Panel
	Others	NA	GSPMC 50 gene panel ThyroSeq/Veracyte Invitae HPT panel		
Skin Cancer (Clarke)	Melanoma	NA	Foundation One CDx (Foundation Medicine)		Ambry Custom DNA/RNA hereditary cancer panel or Invitae Custom DNA Panel
	Others				

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Miscellaneous	NA	Omniseq	Omniseq	NA	NA
Hematology (Fenske)	AML	ARUP NGS IDH1, IDH2 (BCW)			Not typically hereditary however, dependent on personal/family history
	MDS	ARUP NGS			Not typically hereditary however, dependent on personal/family history
	ALL	Clonoseq			Not typically hereditary however, dependent on personal/family history
	HL	NA			Not typically hereditary however, dependent on personal/family history
	NHL	Clonoseq P53 ARUP			Not typically hereditary however, dependent on personal/family history
	MM	Clonoseq			Not typically hereditary however, dependent on

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					personal/family history
	Others (CLL)	Clonoseq			Not typically hereditary however, dependent on personal/family history

***PMA** – Precision Medicine Assay

****CGP** – Comprehensive Genomic Profiling

*****No** – If CGP is not applicable for all patients with metastatic disease, please specify which subgroups qualify for testing.