東北メディカル・メガバンク計画　バイオバンク利用による主要業績リスト

作成日：2025 年 9 月 8 日

種類		新規件数 2025/1/22 -2025/5/30		これまでの件数 2015 – 2025/1/21		合計
		件数	文献番号	件数	文献番号	
原著論文（利用した試料・情報別）	1.　ゲノム情報					
	1_1. 頻度情報	111 件	(1-111)	1047 件	(112-1158)	1158 件
	1_2. 標準ゲノム	1 件	(1159)	10 件	(792, 811, 906, 991, 1160-1165)	11 件
	1_3. 全ゲノム	1 件	(1166)	7 件	(692, 923, 1167-1171)	8 件
	1_4. SNP Array データ					
	1_4_1. Japonica Array	14 件	(1166, 1172-1184)	98 件	(174, 191, 192, 204, 238, 283, 307, 450, 453, 569, 692, 698, 710, 892, 959, 1001, 1062, 1080, 1168-1171, 1185-1260)	112 件
	1_4_2.OmniExpressExome	0 件		10 件	(692, 1238, 1261-1268)	10 件
	1_5. iMETHYL	3 件	(1269-1271)	35 件	(698, 1272-1305)	38 件
	1_6. その他のゲノム	0 件		1 件	(1306)	1 件
	2.　メタゲノム	1 件	(1307)	0 件		1 件
	3.　メタボローム情報	1 件	(1308)	6 件	(569, 1250, 1309-1312)	7 件
	4.　GWAS レポジトリ	0 件		5 件	(1238, 1313-1316)	5 件
	5.　試料					
	5_1. 細胞	件		1 件	(241)	1 件
	5_2. 血清・血漿	件		3 件	(1317-1319)	3 件
	5_3. DNA	件		4 件	(1235, 1306, 1320, 1321)	4 件
	5_4. 母乳	件		1 件	(1322)	1 件
	6. 健康調査情報					
	6_1. 調査票・検体検査情報等	4 件	(1166, 1177, 1323, 1324)	36 件	(692, 892, 923, 1001, 1062, 1222, 1235, 1238, 1250, 1251, 1306, 1311, 1312, 1319, 1320, 1322, 1325-1344)	40 件
	6_2. MRI 検査情報	0 件		1 件	(1339)	1 件
	7. 施設、技術・方法、データベース	2 件	(1345-1346)	25 件	(398, 892, 1347-1369)	27 件
	小計（※重複を除いた件数）	**135 件**		**1234 件**		**1369 件**
知財申請	1.　ゲノム情報	0 件		2 件	(1370-1371)	2 件
	2.　健康調査情報	0 件		2 件	(1371-1372)	2 件
	3.　血清	0 件		1 件	(1372)	1 件
	小計（※重複を除いた件数）	**0 件**	**—**	**3 件**		**3 件**

引用・レビュー・学会抄録等	1. 論文・本での引用	8 件	(1373-1380)	292 件	(1381-1672)	300 件
	2. レビュー	5 件	(1673-1677	159 件	(1678-1836)	164 件
	3. 学会抄録	9 件	(1837-1845)	49 件	(1846-1894)	58 件
	4. 学位論文	4 件	(1895-1898)	29 件	(1899-1927)	33 件
	小計（※重複を除いた件数）	**26 件**		**529 件**		**555 件**
合計（※重複を除いた件数）		**161 件**	―	**1766 件**	―	**1927 件**

分譲利用による成果

種類		新規件数 2024/8/1 -2024/11/20		これまでの件数 2015 – 2024/7/31		合計
		件数	文献番号	件数	文献番号	
原著論文（利用した試料・情報別）	ゲノム情報					
	頻度情報	0 件		2 件	(692, 1001)	2 件
	全ゲノムデータ	1 件	(1166)	1 件	(692)	1 件
	SNP Array データ	1 件	(1166)	3 件	(692, 1001, 1235)	3 件
	その他のゲノムデータ （ミトコンドリアゲノム）	0 件		1 件	(1306)	1 件
	メタボローム情報	0 件		2 件	(1311, 1312)	2 件
	健康調査情報					
	調査票情報、検体検査情報、特定健診情報、生理機能検査情報	2 件	(1166, 1323)	16 件	(692, 1001, 1235, 1306, 1311, 1312, 1319, 1320, 1327-1329, 1336, 1339, 1341, 1343, 1344)	16 件
	MRI 検査情報	0 件		1 件	(1339)	1 件
	試料:血清	0 件		1 件	(1319)	1 件
	試料:DNA			3 件	(1235, 1306, 1320)	3 件
	小計（※重複を除いた件数）	**2** 件		**16** 件		**18** 件
知財申請	ゲノム情報	0 件		1 件	(1371)	1 件
	健康調査情報	0 件		2 件	(1371-1372)	2 件
	試料：血清	0 件		1 件	(1372)	1 件
	小計（※重複を除いた件数）	**0** 件	―	**2** 件		**2** 件
合計（※重複を除いた件数）		**2** 件	―	**18** 件	―	**20** 件

検索方法：

① Google Scholar を用いて次のキーワードで検索した。キーワード：1KJPN、2KJPN、3.5KJPN、4.7KJPN、8.3KJPN、14KJPN、38KJPN、54KJPN、iJGVD、Integrative Japanese Genome Variation、JG1、JG2、JRGA、Japonica Array、jMorp、iMethyl、Tohoku Medical Megabank Project、Tohoku Medical Megabank Organization、ToMMo。

② ToMMo 所属の先生によって発表された論文を PubMed でひき、Cited by にリストされた論文を検索した。

③ 分譲申請による利用者から提出された「研究実施経過報告書」に記載されていた発表論文等を検索した。

除外基準： first author、corresponding author もしくは last author が岩手医科大学いわて東北メディカル・メガバンク機構もしくは東北大学東北メディカル・メガバンク機構に所属している論文。

検索結果のなかで、明らかに該当しない論文（例えば、言語名 Tommo So についての論文等）。

■文献（年毎にアルファベット順）

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1370. Yamaguchi, K., Kusuhara, M., Serizawa, M., Mochizuki, T., Ohshima, K., Hatakeyama, K. et al. inventors; Google Patents assignee. Method for determining presence or absence of risk of developing cancer

1371. 株式会社東芝 inventors; 特許庁 assignee. 形質予測モデル作成装置、形質予測装置及び形質予測モデル作成方法

1372. 東ソー株式会社 inventors; 特許庁 assignee. がん罹患者の全生存期間を予測する方法

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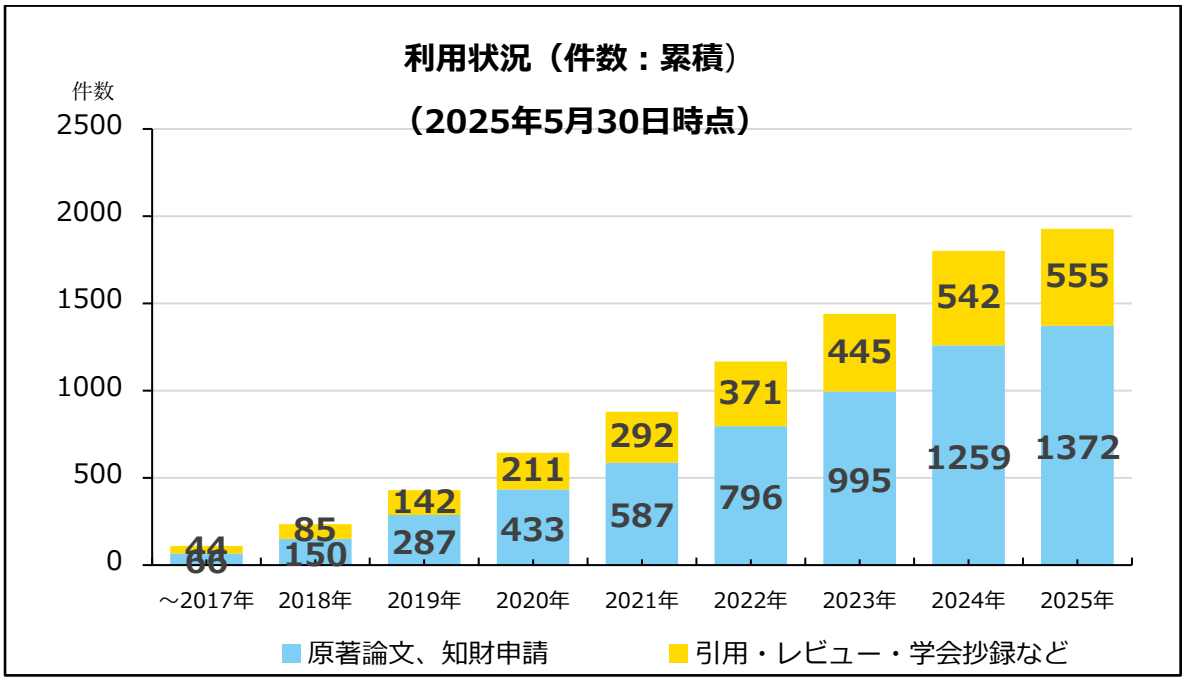
補足資料：年別利用状況および海外・国内別利用状況

■累積利用状況



■海外・国内別利用状況