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**UNITED STATES  
SECURITIES AND EXCHANGE COMMISSION  
WASHINGTON, D.C. 20549**

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**FORM S-3  
REGISTRATION STATEMENT**

*UNDER  
THE SECURITIES ACT OF 1933*

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**Personalis, Inc.**

(Exact name of registrant as specified in its charter)

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**Delaware**  
(State or other jurisdiction of  
incorporation or organization)

**27-5411038**  
(I.R.S. Employer  
Identification Number)

**6600 Dumbarton Circle  
Fremont, California, 94555  
(650) 752-1300**

(Address, including zip code, and telephone number, including area code, of registrant's principal executive offices)

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**Christopher Hall  
President and Chief Executive Officer  
6600 Dumbarton Circle  
Fremont, California, 94555  
(650) 752-1300**

(Name, address, including zip code, and telephone number, including area code, of agent for service)

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*Copies to:*

**Laura Berezin  
Asa M. Henin  
Jacob B. Hanna  
Cooley LLP  
3175 Hanover Street  
Palo Alto, California 94304  
(650) 843-5000**

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**Approximate date of commencement of proposed sale to the public:** From time to time after the effective date of this Registration Statement.

If the only securities being registered on this Form are being offered pursuant to dividend or interest reinvestment plans, please check the following box:

If any of the securities being registered on this Form are to be offered on a delayed or continuous basis pursuant to Rule 415 under the Securities Act of 1933, as amended, other than securities offered only in connection with dividend or interest reinvestment plans, check the following box:

If this Form is filed to register additional securities for an offering pursuant to Rule 462(b) under the Securities Act, please check the following box and list the Securities Act registration statement number of the earlier effective registration statement for the same offering:

If this Form is a post-effective amendment filed pursuant to Rule 462(c) under the Securities Act, check the following box and list the Securities Act registration statement number of the earlier effective registration statement for the same offering.

If this Form is a registration statement pursuant to General Instruction I.D. or a post-effective amendment thereto that shall become effective upon filing with the Commission pursuant to Rule 462(e) under the Securities Act, check the following box.

If this Form is a post-effective amendment to a registration statement filed pursuant to General Instruction I.D. filed to register additional securities or additional classes of securities pursuant to Rule 413(b) under the Securities Act, check the following box.

Indicate by check mark whether the registrant is a large accelerated filer, an accelerated filer, a non-accelerated filer, a smaller reporting company, or an emerging growth company. See the definitions of "large accelerated filer," "accelerated filer," "smaller reporting company" and "emerging growth company" in Rule 12b-2 of the Exchange Act.

Large accelerated filer

Accelerated filer

Non-accelerated filer

Smaller reporting company

Emerging growth company

If an emerging growth company, indicate by check mark if the registrant has elected not to use the extended transition period for complying with any new or revised financial accounting standards provided pursuant to Section 7(a)(2)(B) of the Securities Act.

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**The registrant hereby amends this registration statement on such date or dates as may be necessary to delay its effective date until the registrant shall file a further amendment that specifically states that this registration statement shall thereafter become effective in accordance with Section 8(a) of the Securities Act of 1933, as amended, or until the registration statement shall become effective on such date as the Securities and Exchange Commission, acting pursuant to said Section 8(a), may determine.**

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**The information in this prospectus is not complete and may be changed. The selling stockholders may not sell these securities until the registration statement filed with the Securities and Exchange Commission is effective. This prospectus is not an offer to sell these securities and it is not soliciting offers to buy these securities in any state where such offer or sale is not permitted.**

**SUBJECT TO COMPLETION, DATED DECEMBER 21, 2023**

**PROSPECTUS**



**9,218,800 Shares of Common Stock**

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This prospectus covers the offer and resale by the selling stockholders identified in this prospectus of up to an aggregate of 9,218,800 shares of our common stock issuable upon exercise of warrants that were issued to the selling stockholders in a private placement on November 28, 2023 (the "Private Placement").

We are not selling any shares of common stock under this prospectus and will not receive any proceeds from the sale by the selling stockholders of such shares. We will, however, receive the net proceeds of any such warrants exercised for cash.

Sales of the shares by the selling stockholders may occur at fixed prices, at market prices prevailing at the time of sale, at prices related to prevailing market prices or at negotiated prices. The selling stockholders may sell shares to or through underwriters, broker-dealers or agents, who may receive compensation in the form of discounts, concessions or commissions from the selling stockholders, the purchasers of the shares, or both.

We are paying the cost of registering the shares of common stock covered by this prospectus as well as various related expenses. The selling stockholders are responsible for all selling commissions, transfer taxes and other costs related to the offer and sale of their shares.

Our common stock is listed on the Nasdaq Global Market under the trading symbol "PSNL." On December 20, 2023, the last reported sales price of our common stock was \$1.46 per share.

**Investing in our securities involves a high degree of risk. Before making an investment decision, you should review carefully the risks and uncertainties described under the section titled "[Risk Factors](#)" on page 4 of this prospectus and any similar section contained in any amendment or supplement to this prospectus, under similar headings in the other documents that are incorporated by reference into this prospectus, and in any filing with the Securities and Exchange Commission.**

Neither the Securities and Exchange Commission nor any state securities commission has approved or disapproved of these securities or determined if this prospectus is truthful or complete. Any representation to the contrary is a criminal offense.

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The date of this prospectus is .

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**ABOUT THIS PROSPECTUS**

This prospectus is part of a registration statement on Form S-3 that we filed with the Securities and Exchange Commission (the “SEC”) using a “shelf” registration process. Under this registration statement, the selling stockholders may sell from time to time in one or more offerings the shares of common stock described in this prospectus.

We have not authorized anyone to provide you with information other than the information that we have provided or incorporated by reference in this prospectus and your reliance on any unauthorized information or representation is at your own risk. This prospectus may be used only in jurisdictions where offers and sales of these securities are permitted. You should assume that the information appearing in this prospectus is accurate only as of the date of this prospectus and that any information we have incorporated by reference is accurate only as of the date of the document incorporated by reference, regardless of the time of delivery of this prospectus, or any sale of our common stock. Our business, financial condition and results of operations may have changed since those dates.

This prospectus, including the information incorporated by reference into this prospectus, include trademarks, service marks and trade names owned by us or others. All trademarks, service marks and trade names included or incorporated by reference in this prospectus are the property of their respective owners.

This prospectus and the information incorporated herein by reference contains summaries of certain provisions contained in some of the documents described herein, but reference is made to the actual documents for complete information. All of the summaries are qualified in their entirety by the actual documents. Copies of some of the documents referred to herein have been filed, will be filed or will be incorporated by reference as exhibits to the registration statement of which this prospectus is a part, and you may obtain copies of those documents as described below under sections titled “Where You Can Find Additional Information” and “Incorporation of Certain Information by Reference.”

## PROSPECTUS SUMMARY

*This summary highlights selected information appearing elsewhere in this prospectus or incorporated by reference in this prospectus, and does not contain all of the information that you need to consider in making your investment decision. You should carefully read the entire prospectus, any applicable prospectus supplement and any related free writing prospectus, including the risks of investing in our securities discussed under the section titled “Risk Factors” contained in this prospectus or in any applicable prospectus supplement and any related free writing prospectus, and under similar headings in the other documents that are incorporated by reference into this prospectus. You should also carefully read the information incorporated by reference into this prospectus, including our financial statements, and the exhibits to the registration statement of which this prospectus is a part.*

*Except as otherwise indicated herein or as the context otherwise requires, references in this prospectus to “Personalis,” “the company,” “we,” “us,” “our” and similar references refer to Personalis, Inc., a corporation under the laws of the State of Delaware and its consolidated subsidiaries, if any, unless otherwise specified.*

### Personalis, Inc.

#### Overview

We strive to develop the most comprehensive and actionable cancer genomic tests in the world to help patients live better and longer lives. We believe we have one of the most discerning technologies to both characterize and monitor cancer – with the aim of driving a new paradigm for cancer management and guiding care from biopsy through the life of the patient. Our assays combine tumor-and-normal profiling with proprietary algorithms to deliver advanced insights even as cancer evolves over time. Our products are designed to detect recurrence at the earliest timepoints, enable selection of targeted therapies based on ultra-comprehensive genomic profiling, and enhance biomarker strategy for drug development.

#### Corporate Information

We were incorporated under the laws of the state of Delaware in February 2011 under the name Personalis, Inc. Our principal executive offices are located at 6600 Dumbarton Circle, Fremont, California, 94555. Our telephone number is (650) 752-1300. Our website address is <https://www.personalis.com>. The information contained in, or accessible through, our website does not constitute part of this prospectus, should not be relied on in determining whether to make an investment decision, and the inclusion of our website address in this prospectus is an inactive textual reference only.

The Personalis logo and other trademarks or service marks of Personalis, Inc. appearing in this prospectus are the property of Personalis, Inc. Other trademarks, service marks or trade names appearing in this prospectus are the property of their respective owners. We do not intend our use or display of other companies’ trade names, trademarks or service marks to imply a relationship with, or endorsement or sponsorship of us by, these other companies.

#### Implications of Being a Smaller Reporting Company

We are currently a “smaller reporting company” as defined in the Securities Exchange Act of 1934, as amended (the “Exchange Act”). We will be a smaller reporting company and may continue to take advantage of the scaled-back disclosures available to smaller reporting companies for so long as (i) the market value of our common stock held by non-affiliates is less than \$250.0 million measured on the last business day of our second

fiscal quarter or (ii) (a) our annual revenue is less than \$100.0 million during the most recently completed fiscal year and (b) the market value of our common stock held by non-affiliates is less than \$700.0 million measured on the last business day of our second fiscal quarter.

As a smaller reporting company, we are permitted to comply with scaled-back disclosure obligations in our SEC filings compared to other issuers, including with respect to disclosure obligations regarding executive compensation in our periodic reports and proxy statements. We have elected to adopt the accommodations available to smaller reporting companies. Until we cease to be a smaller reporting company, the scaled-back disclosure in our SEC filings will result in less information about our company being available than for other public companies. If investors consider our common shares less attractive as a result of our election to use the scaled-back disclosure permitted for smaller reporting companies, there may be a less active trading market for our common shares and our share price may be more volatile.

#### **Private Placement**

On November 25, 2023 (the “Effective Date”), we entered into a Commercialization and Reference Laboratory Agreement (the “Tempus Agreement”) with Tempus AI, Inc. (a Delaware corporation, formerly known as Tempus Labs, Inc. and referred to herein as “Tempus”) pursuant to which Tempus will market our Personal<sup>®</sup> Dx assay (the “Assay”) in the United States and we will conduct development activities to validate the Assay in breast cancer, lung cancer and immuno-oncology monitoring indications (the “Indications”).

In consideration of Tempus’ obligations to Personalis under the Tempus Agreement, on November 28, 2023, we issued to Tempus (1) a warrant to purchase up to 4,609,400 shares of our common stock at an exercise price per share of \$1.50, with an expiration date of December 31, 2024 (the “First Warrant”), and (2) a warrant to purchase up to 4,609,400 shares of our common stock at an exercise price per share of \$2.50, with an expiration date of December 31, 2025 (the “Second Warrant” and, together with the First Warrant, the “Warrants”). The Warrants are exercisable for cash at any time prior to the applicable expiration date, may be net exercised in certain circumstances, and will be automatically net exercised in connection with a change of control of Personalis if the value ascribed to the consideration to be paid for one share of our common stock in such change of control is greater than the applicable exercise price. The number of shares issuable upon exercise of the Warrants and the exercise prices of the Warrants are subject to adjustment by reason of stock dividends, splits, recapitalizations, reclassifications and the like. If Tempus acquires any shares of common stock directly from us other than by exercising the Warrants (any such shares, “Non-Warrant Shares”), then the total number of shares issuable upon exercise of the Warrants will be reduced by the Non-Warrant Shares on a share-for-share basis, proportionally between the First Warrant and the Second Warrant based on how many shares are then underlying the Warrants. We agreed to register the resale of the shares underlying the Warrants by filing a registration statement with the SEC within 30 calendar days of the issuance date of the Warrants. Under the terms of the Warrants, we also agreed to use reasonable best efforts to cause the registration statement to become effective as soon as reasonably practicable after filing such registration statement and to keep such registration statement effective at all times until all shares underlying the Warrants and registered hereunder have been sold or may be sold without restriction or volume limitation under Rule 144 of the Securities Act of 1933, as amended (the “Securities Act”).

### The Offering

Common stock offered by the selling stockholders	9,218,800 shares <sup>(1)</sup>
Terms of the offering	Each selling stockholder will determine when and how it will sell the common stock offered in this prospectus, as described in “Plan of Distribution.”
Use of proceeds	We will not receive any proceeds from the sale of the shares of common stock covered by this prospectus.
Risk factors	See “Risk Factors” on page 4 for a discussion of factors you should carefully consider before deciding to invest in our common stock.

(1) Consists of 9,218,800 shares of common stock issuable upon exercise of the Warrants held by the selling stockholders named in this prospectus.

The selling stockholders named in this prospectus may offer and sell up to 9,218,800 shares of our common stock. Shares of our common stock that may be offered under this prospectus will be fully paid and non-assessable. Throughout this prospectus, when we refer to the shares of our common stock being registered on behalf of the selling stockholders for offer and resale, we are referring to the shares of common stock issued to the selling stockholder or its permitted transferees or other successors-in-interest upon exercise of the Warrants issued in the Private Placement as described above. When we refer to the selling stockholders in this prospectus, we are referring to the selling stockholder identified in this prospectus and, as applicable, its permitted transferees or other successors-in-interest that may be identified in a supplement to this prospectus or, if required, a post-effective amendment to the registration statement of which this prospectus is a part.

#### Nasdaq Global Market Listing

Our common stock is listed on the Nasdaq Global Market under the symbol “PSNL.”

## **RISK FACTORS**

Investing in our securities involves a high degree of risk. Before deciding whether to invest in our securities, you should consider carefully the risks and uncertainties described under the section titled “Risk Factors” contained in the applicable prospectus supplement and any related free writing prospectus, and discussed under the section titled “Risk Factors” contained in our most recent Annual Report on Form 10-K and in our most recent Quarterly Report on Form 10-Q, as well as any amendments thereto reflected in subsequent filings with the SEC, which are incorporated by reference into this prospectus in their entirety, together with other information in this prospectus, the documents incorporated by reference and any free writing prospectus that we may authorize for use in connection with this offering. The risks described in these documents are not the only ones we face, but those that we consider to be material. There may be other unknown or unpredictable economic, business, competitive, regulatory or other factors that could have material adverse effects on our future results. Past financial performance may not be a reliable indicator of future performance, and historical trends should not be used to anticipate results or trends in future periods. If any of these risks actually occurs, our business, financial condition, results of operations or cash flow could be seriously harmed. This could cause the trading price of our common stock to decline, resulting in a loss of all or part of your investment. Please also read carefully the section below entitled “Special Note Regarding Forward-Looking Statements.”

## SPECIAL NOTE REGARDING FORWARD-LOOKING STATEMENTS

This prospectus and the documents we have filed with the SEC that are incorporated by reference contain “forward-looking statements” within the meaning of Section 27A of the Securities Act and Section 21E of the Securities Exchange Act of 1934, as amended (the “Exchange Act”). These statements relate to future events or to our future operating or financial performance and involve known and unknown risks, uncertainties and other factors that may cause our actual results, performance or achievements to be materially different from any future results, performances or achievements expressed or implied by the forward-looking statements. All statements other than statements of historical facts contained in this prospectus, including statements regarding our future results of operations and financial condition, business strategy and plans and objectives of management for future operations, are forward-looking statements. In some cases, forward-looking statements may be identified by words such as “anticipate,” “believe,” “continue,” “could,” “design,” “estimate,” “expect,” “intend,” “may,” “plan,” “potentially,” “predict,” “project,” “should,” “will” or the negative of these terms or other similar expressions.

We have based these forward-looking statements largely on our current expectations and projections about future events and financial trends that we believe may affect our financial condition, results of operations, business strategy and financial needs. These forward-looking statements are subject to a number of known and unknown risks, uncertainties and assumptions, including risks described in the section titled “Risk Factors” and elsewhere in this prospectus and in our most recent Annual Report on Form 10-K and Quarterly Report on Form 10-Q, as well as any amendments thereto reflected in subsequent filings with the SEC, which are incorporated by reference into this prospectus in their entirety, together with other information in this prospectus, the documents incorporated by reference and any free writing prospectus that we may authorize for use in connection with a specific offering. These factors include, among other things:

- the evolution of cancer therapies and market adoption of our services and products;
- estimates of our total addressable market, future revenue and the timing thereof, expenses, use of cash and other resources, cost savings, capital requirements, and our needs for additional financing;
- future reimbursement for our services and products and reimbursement rulings;
- our ability to enter into and compete in new markets;
- the impact our collaboration agreements and key opinion leaders may have on the broader use of our platform in the future;
- the potential impacts of inflation, macroeconomic conditions, and geopolitical conflicts on our business and operations;
- the benefits of our products and services, including their ability to increase the probability of clinical trial success;
- our ability to compete effectively with existing competitors and new market entrants;
- our business strategies, including our aim to focus on certain indications and the timing thereof;
- our ability to benefit from the scaling of our infrastructure and new facility in Fremont, California;
- our ability to manage and grow our business by expanding our sales to existing customers or introducing our services and products to new customers;
- our ability to establish and maintain intellectual property protection for our services and products or avoid claims of infringement;
- our success in defending and enforcing our intellectual property rights, including patents;
- potential effects of extensive government regulation;
- our ability to hire and retain key personnel;



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- our ability to obtain financing when needed;
- our belief that approval of personalized cancer therapies by the U.S. Food and Drug Administration may drive benefits to our business;
- the volatility of the trading price of our common stock;
- our future business with any collaboration partners and customers; and
- our ability to maintain proper and effective internal controls.

These risks are not exhaustive. Other sections of this prospectus may include additional factors that could harm our business and financial performance. Moreover, we operate in a very competitive and rapidly changing environment. New risks and uncertainties emerge from time to time, and it is not possible for our management to predict all risks and uncertainties nor can we assess the impact of all such factors on our business or the extent to which any such factor, or combination of such factors, may cause actual results to differ from those contained in, or implied by, any forward-looking statements.

You should not rely upon forward-looking statements as predictions of future events. Although we believe that the expectations reflected in the forward-looking statements are reasonable, we cannot guarantee future results, levels of activity, performance or achievements. Except as required by law, we undertake no obligation to update publicly any forward-looking statements for any reason after the date of this prospectus or to conform these statements to actual results or to changes in our expectations.

In addition, statements that “we believe” and similar statements reflect our beliefs and opinions on the relevant subject. These statements are based upon information available to us as of the date of this prospectus, and while we believe such information forms a reasonable basis for such statements, such information may be limited or incomplete, and our statements should not be read to indicate that we have conducted an exhaustive inquiry into, or review of, all relevant information. These statements are inherently uncertain and investors are cautioned not to unduly rely upon these statements.

You should read this prospectus and the documents that we reference in this prospectus and have filed as exhibits to the registration statement of which this prospectus is a part with the understanding that our actual future results, levels of activity, performance and achievements may be different from what we expect. We qualify all of our forward-looking statements by these cautionary statements.

## USE OF PROCEEDS

We will not receive any of the proceeds from the sale or other disposition of shares of our common stock held by the selling stockholders pursuant to this prospectus. We will, however, receive the net proceeds of any Warrants exercised for cash.

We will bear the out-of-pocket costs, expenses and fees incurred in connection with the registration of shares of our common stock to be sold by the selling stockholders pursuant to this prospectus. Other than registration expenses, the selling stockholders will bear underwriting discounts, commissions, placement agent fees or other similar expenses payable with respect to sales of shares of our common stock.

## SELLING STOCKHOLDERS

The selling stockholders may sell some, all or none of the shares of common stock that may be issued to them upon exercise of the Warrants acquired under the Tempus Agreement. If the selling stockholders exercise the Warrants in full or in part, we do not know how long the selling stockholders will hold the shares before selling them, and we currently have no agreements, arrangements or understandings with the selling stockholders regarding the sale or other disposition of any of the shares. The shares covered hereby may be offered from time to time by the selling stockholders. As a result, we cannot estimate the number of shares of common stock each of the selling stockholders will beneficially own after termination of sales under this prospectus. In addition, each of the selling stockholders may have sold, transferred or otherwise disposed of all or a portion of its shares of common stock since the date on which it provided information for this table.

Beneficial ownership is determined in accordance with the rules of the SEC and includes voting or investment power with respect to our common stock. Generally, a person “beneficially owns” shares of our common stock if the person has or shares with others the right to vote those shares or to dispose of them, or if the person has the right to acquire voting or disposition rights within 60 days.

The information in the table below and the footnotes thereto regarding shares of common stock to be beneficially owned after the offering assumes the sale of all shares being offered by the selling stockholders under this prospectus. This information has been obtained from the named selling stockholder or in Schedules 13G or 13D and other public documents filed with the SEC.

<u>Name of Selling Stockholder</u>	<u>Shares of Common Stock Beneficially Owned Before the Offering</u>	<u>Number of Shares Offered</u>	<u>After Offering</u>	
			<u>Number of Shares Beneficially Owned</u>	<u>Percentage of Shares Beneficially Owned</u>
Tempus AI, Inc. (“Tempus”)	9,218,800 <sup>(1)</sup>	9,218,800 <sup>(1)</sup>	0	0%

- (1) Consists of (i) 4,609,400 shares of common stock issuable to Tempus upon exercise of the First Warrant and (ii) 4,609,400 shares of common stock issuable to Tempus upon exercise of the Second Warrant. Eric Lefkofsky is the chairman of the board of directors and chief executive officer of Tempus and as such may be deemed to have the shared power to vote or direct the vote of (and the shared power to dispose or direct the disposition of) the shares of our common stock held by Tempus.

### Relationship with Selling Stockholders

As discussed in greater detail above under the section “Prospectus Summary—Private Placement,” in November 2023, we entered into the Tempus Agreement with the selling stockholder named above pursuant to which we issued the Warrants to such named selling stockholder and agreed with the selling stockholder to file a registration statement to enable the resale of the shares of common stock covered by this prospectus. For more information regarding the Tempus Agreement, refer to the disclosure under Item 1.01 of our Current Report on Form 8-K, filed with the SEC on November 28, 2023, which is incorporated herein by reference.

None of the selling stockholders or any persons having control over such selling stockholders has held any position or office with us or our affiliates within the last three years or has had a material relationship with us or any of our predecessors or affiliates within the past three years, other than as a result of the Tempus Agreement and ownership of the Warrants (or our shares of common stock issuable upon exercise thereof).

## PLAN OF DISTRIBUTION

We are registering the shares of our common stock issuable to the selling stockholders upon exercise of the Warrants purchased in the Private Placement to permit the resale of such shares by such holders from time to time after the date of this prospectus. We will not receive any of the proceeds from the sale by the selling stockholders of the shares. We will bear all fees and expenses incident to our obligation to register such shares for resale.

The selling stockholders, which shall include donees, pledgees, transferees or other successors-in-interest selling the shares or interests in the shares received after the date of this prospectus from a selling holder as a gift, pledge, distribution or other transfer, may, from time to time, sell, transfer or otherwise dispose of any or all of their shares or interests in the shares on any stock exchange, market or trading facility on which the shares are traded or in private transactions. These dispositions may be at fixed prices, at prevailing market prices at the time of sale, at prices related to the prevailing market price, at varying prices determined at the time of sale, or at negotiated prices.

The selling stockholders may use any one or more of the following methods when disposing of shares or interests therein:

- ordinary brokerage transactions and transactions in which the broker-dealer solicits purchasers;
- block trades in which the broker-dealer will attempt to sell the shares as agent, but may position and resell a portion of the block as principal to facilitate the transaction;
- purchases by a broker-dealer as principal and resale by the broker-dealer for its own account;
- an exchange distribution in accordance with the rules of the applicable exchange;
- privately negotiated transactions;
- short sales effected after the date the registration statement of which this prospectus is a part is declared effective by the SEC;
- through the writing or settlement of options or other hedging transactions, whether through an options exchange or otherwise;
- through agreements between broker-dealers and the selling stockholders to sell a specified number of such shares at a stipulated price per share;
- a combination of any such methods of sale; and
- any other method permitted by applicable law.

The selling stockholders may, from time to time, pledge or grant a security interest in some or all of the shares held by them and, if they default in the performance of their secured obligations, the pledgees or secured parties may offer and sell the shares, from time to time, under this prospectus, or under an amendment to this prospectus under Rule 424(b) or other applicable provision of the Securities Act amending the list of selling stockholders to include the pledgee, transferee or other successors in interest as selling stockholders under this prospectus. The selling stockholders also may transfer the Warrants or shares in other circumstances, in which case the pledgees, transferees or other successors in interest will be the selling beneficial owners for purposes of this prospectus.

In connection with the sale of the shares or interests therein, the selling stockholders may enter into hedging transactions with broker-dealers or other financial institutions, which may in turn engage in short sales of the shares in the course of hedging the positions they assume. The selling stockholders may also sell shares of our common stock short and deliver these securities to close out their short positions, or loan or pledge the shares to broker-dealers that in turn may sell these securities. The selling stockholders may also enter into options or

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other transactions with broker-dealers or other financial institutions or the creation of one or more derivative securities which require the delivery to each such broker-dealer or other financial institution of shares offered by this prospectus, which shares such broker-dealer or other financial institution may resell pursuant to this prospectus (as supplemented or amended to reflect such transaction).

The aggregate proceeds to the selling stockholders from the sale of the shares offered by them will be the purchase price of the shares less discounts or commissions, if any. Each of the selling stockholders reserves the right to accept and, together with its agents from time to time, to reject, in whole or in part, any proposed purchase of shares to be made directly or through agents. We will not receive any of the proceeds from this offering.

The selling stockholders also may resell all or a portion of the shares in open market transactions in reliance upon Rule 144 under the Securities Act, provided that they meet the criteria and conform to the requirements of that rule.

The selling stockholders and any underwriters, broker-dealers or agents that participate in the sale of the shares or interests therein may be “underwriters” within the meaning of Section 2(a)(11) of the Securities Act. Any discounts, commissions, concessions or profit they earn on any resale of the shares may be underwriting discounts and commissions under the Securities Act. Selling stockholders who are “underwriters” within the meaning of Section 2(a)(11) of the Securities Act will be subject to the prospectus delivery requirements of the Securities Act.

To the extent required, the shares to be sold, the names of the selling stockholders, the respective purchase prices and public offering prices, the names of any agents, dealer or underwriter, and any applicable commissions or discounts with respect to a particular offer will be set forth in an accompanying prospectus supplement or, if appropriate, a post-effective amendment to the registration statement that includes this prospectus.

If underwriters are used in the sale, the shares of common stock will be acquired by the underwriters for their own account and may be resold from time to time in one or more transactions, including negotiated transactions, at a fixed public offering price or at varying prices determined at the time of sale. In connection with any such underwritten sale of shares of common stock, underwriters may receive compensation from the selling stockholders, for whom they may act as agents, in the form of discounts, concessions or commissions. If the selling stockholders use an underwriter or underwriters to effectuate the sale of shares of common stock, we and/or they will execute an underwriting agreement with those underwriters at the time of sale of those shares of common stock. To the extent required by law, the names of the underwriters will be set forth in a prospectus supplement or, if appropriate, a post-effective amendment to the registration statement that includes the prospectus supplement and the accompanying prospectus used by the underwriters to sell those securities. The obligations of the underwriters to purchase those shares of common stock will be subject to certain conditions precedent, and unless otherwise specified in a prospectus supplement, the underwriters will be obligated to purchase all the shares of common stock offered by such prospectus supplement if any of such shares of common stock are purchased. Any public offering price and any discounts or concessions allowed or re-allowed or paid to dealers may be changed from time to time.

We have advised the selling stockholders that the anti-manipulation rules of Regulation M under the Exchange Act may apply to sales of shares in the market and to the activities of the selling stockholders and their affiliates. In addition, to the extent applicable, we will make copies of this prospectus (as it may be supplemented or amended from time to time) available to the selling stockholders for the purpose of satisfying the prospectus delivery requirements of the Securities Act. The selling stockholders may indemnify any broker-dealer that participates in transactions involving the sale of the shares against certain liabilities, including liabilities arising under the Securities Act.

We have agreed to indemnify the selling stockholders against certain liabilities, including liabilities under the Securities Act and state securities laws, relating to the registration of the shares offered by this prospectus.

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We have agreed with the selling stockholders to keep the registration statement of which this prospectus constitutes a part effective until the earlier of (1) such time as all of the shares issuable upon exercise of the Warrants covered by this prospectus have been disposed of pursuant to and in accordance with the registration statement or (2) the date on which all of the shares underlying the Warrants may be sold without restriction or volume limitation pursuant to Rule 144 of the Securities Act.

Our common stock is listed on the Nasdaq Global Market and trades under the symbol "PSNL." The transfer agent of our common stock is Computershare Trust Company, N.A. The transfer agent's address is 150 Royall Street, Canton, Massachusetts 02021.

## LEGAL MATTERS

Certain legal matters, including the validity of the shares of common stock being registered for resale pursuant to this registration statement, will be passed upon for us by Cooley LLP.

## EXPERTS

The consolidated financial statements as of December 31, 2022 and 2021 and for each of the two years in the period ended December 31, 2022 incorporated in this prospectus by reference from the Company's Annual Report on Form 10-K for the year ended December 31, 2022 have been audited by Deloitte & Touche, LLP, the Company's former independent registered public accounting firm, as stated in their report which is incorporated herein by reference. Such financial statements have been so incorporated in reliance upon the report of such firm given upon their authority as experts in accounting and auditing.

## WHERE YOU CAN FIND ADDITIONAL INFORMATION

This prospectus is part of the registration statement on Form S-3 we filed with the SEC under the Securities Act and does not contain all the information set forth in the registration statement. Whenever a reference is made in this prospectus to any of our contracts, agreements or other documents, the reference may not be complete and you should refer to the exhibits that are a part of the registration statement or the exhibits to the reports or other documents incorporated by reference into this prospectus for a copy of such contract, agreement or other document. Because we are subject to the information and reporting requirements of the Exchange Act, we file annual, quarterly and current reports, proxy statements and other information with the SEC. Our SEC filings are available to the public over the internet at the SEC's website at <http://www.sec.gov>.

## INCORPORATION OF CERTAIN INFORMATION BY REFERENCE

The SEC allows us to incorporate by reference information into this prospectus from other documents that we file with it, which means that we can disclose important information to you by referring you to those documents. The information incorporated by reference is considered to be part of this prospectus. Information in this prospectus supersedes information incorporated by reference that we filed with the SEC prior to the date of this prospectus, while information that we file later with the SEC will automatically update and supersede the information in this prospectus. We also incorporate by reference into this prospectus and the registration statement of which this prospectus is a part the information or documents listed below that we have filed with the SEC and any future filings made by us with the SEC (other than Current Reports or portions thereof furnished under Item 2.02 or Item 7.01 of Form 8-K and exhibits filed on such form that are related to such items and other portions of documents that are furnished, but not filed, or are otherwise not incorporated into registration statements pursuant to applicable rules promulgated by the SEC) that are filed by us with the SEC pursuant to Sections 13(a), 13(c), 14 or 15(d) of the Exchange Act (i) after the date of the filing of the registration statement of which this prospectus is a part and prior to effectiveness of the registration statement, and (ii) after the effectiveness of the registration statement but prior to the termination of the offering of common stock covered by this prospectus:

- our [Annual Report on Form 10-K](#) for the year ended December 31, 2022, filed with the SEC on February 23, 2023;
- the information specifically incorporated by reference into our Annual Report on Form 10-K for the year ended December 31, 2022 from our [Definitive Proxy Statement on Schedule 14A](#), filed with the SEC on April 5, 2023;
- our Quarterly Reports on Form 10-Q for the quarterly periods ended March 31, 2023, June 30, 2023 and September 30, 2023, filed with the SEC on [May 3, 2023](#), [August 8, 2023](#) and [November 7, 2023](#), respectively;

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- our Current Reports on Form 8-K filed with the SEC on [January 18, 2023](#), [March 8, 2023](#), [May 19, 2023](#), [June 9, 2023](#), [June 14, 2023](#), [August 28, 2023](#), [November 28, 2023](#), [December 1, 2023](#) and [December 5, 2023](#); and
- the description of our common stock set forth in [Exhibit 4.1](#) to our Annual Report on Form 10-K for the year ended December 31, 2020, filed with the SEC on February 25, 2021.

We will furnish without charge to each person, including any beneficial owner, to whom a prospectus is delivered, upon written or oral request, a copy of any or all of the documents incorporated by reference into this prospectus but not delivered with the prospectus, including exhibits that are specifically incorporated by reference into such documents. Any such request may be made in writing or telephoning us at the following address or phone number:

Personalis, Inc.  
Attn: General Counsel  
6600 Dumbarton Circle  
Fremont, California, 94555  
(650) 752-1300

In accordance with Rule 412 of the Securities Act, any statement contained in a document incorporated by reference herein shall be deemed modified or superseded to the extent that a statement contained herein or in any other subsequently filed document which also is or is deemed to be incorporated by reference herein modifies or supersedes such statement.



**PART II****INFORMATION NOT REQUIRED IN THE PROSPECTUS****Item 14. Other Expenses of Issuance and Distribution**

The following table sets forth an estimate of the costs and expenses payable by us in connection with the resale of the securities being registered. All the amounts shown are estimates, except for the Securities and Exchange Commission (the “SEC”) registration fee.

SEC registration fee	\$ 1,987
Accounting fees and expenses	\$ 75,000
Legal fees and expenses	\$ 25,000
Miscellaneous fees and expenses	\$ 1,013
Total	<u>\$ 103,000</u>

**Item 15. Indemnification of Officers and Directors**

Section 145 of the Delaware General Corporation Law authorizes a court to award, or a corporation’s board of directors to grant, indemnity to directors and officers in terms sufficiently broad to permit such indemnification under certain circumstances for liabilities, including reimbursement for expenses incurred, arising under the Securities Act of 1933, as amended (the “Securities Act”). Our amended and restated certificate of incorporation provides for indemnification of our directors, officers, employees and other agents to the maximum extent permitted by the Delaware General Corporation Law, and our amended and restated bylaws provide for indemnification of our directors, officers, employees and other agents to the maximum extent permitted by the Delaware General Corporation Law.

We have entered into indemnification agreements with our directors and officers whereby we have agreed to indemnify our directors and officers to the fullest extent permitted by law, including indemnification against expenses and liabilities incurred in legal proceedings to which the director or officer was, or is threatened to be made, a party by reason of the fact that such director or officer is or was a director, officer, employee or agent of Personalis, Inc., provided that such director or officer acted in good faith and in a manner that the director or officer reasonably believed to be in, or not opposed to, the best interest of Personalis, Inc. At present, there is no pending litigation or proceeding involving a director or officer of Personalis, Inc. regarding which indemnification is sought, nor is the registrant aware of any threatened litigation that may result in claims for indemnification.

We maintain insurance policies that indemnify our directors and officers against various liabilities arising under the Securities Act and the Securities Exchange Act of 1934, as amended (the “Exchange Act”), that might be incurred by any director or officer in his capacity as such.

Insofar as indemnification for liabilities arising under the Securities Act may be permitted for directors, executive officers or persons controlling us, we have been informed that in the opinion of the SEC such indemnification is against public policy as expressed in the Securities Act and is therefore unenforceable.

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### Item 16. Exhibits and Financial Statement Schedules

(a) Exhibits.

Exhibit Number	Description	Incorporated by Reference			
		Form	File No.	Exhibit	Filing Date
4.1	<a href="#">Amended and Restated Certificate of Incorporation of the Registrant.</a>	8-K	001-38943	3.1	6/24/2019
4.2	<a href="#">Amended and Restated Bylaws of the Registrant.</a>	8-K	001-38943	3.1	10/31/2022
4.3	<a href="#">Form of Common Stock Certificate of the Registrant.</a>	S-1/A	333-231703	4.1	6/7/2019
5.1	<a href="#">Opinion of Cooley LLP.</a>				
23.1	<a href="#">Consent of Independent Registered Public Accounting Firm.</a>				
23.2	<a href="#">Consent of Cooley LLP (included in Exhibit 5.1).</a>				
24.1	<a href="#">Power of Attorney (included on signature page).</a>				
107	<a href="#">Filing Fee Table.</a>				

### Item 17. Undertakings

The undersigned registrant hereby undertakes:

(a)(1) To file, during any period in which offers or sales are being made, a post-effective amendment to this registration statement:

- (i) to include any prospectus required by Section 10(a)(3) of the Securities Act;
- (ii) to reflect in the prospectus any facts or events arising after the effective date of the registration statement (or the most recent post-effective amendment thereof) which, individually or in the aggregate, represent a fundamental change in the information set forth in the registration statement. Notwithstanding the foregoing, any increase or decrease in volume of securities offered (if the total dollar value of securities offered would not exceed that which was registered) and any deviation from the low or high end of the estimated maximum offering range may be reflected in the form of prospectus filed with the Securities and Exchange Commission (the "SEC") pursuant to Rule 424(b) if, in the aggregate, the changes in volume and price represent no more than a 20% change in the maximum aggregate offering price set forth in the "Calculation of Registration Fee" table in the effective registration statement;
- (iii) to include any material information with respect to the plan of distribution not previously disclosed in the registration statement or any material change to such information in the registration statement;

*provided, however,* that paragraphs (a)(1)(i), (a)(1)(ii) and (a)(1)(iii) of this section do not apply if the registration statement is on Form S-3 and the information required to be included in a post-effective amendment by those paragraphs is contained in reports filed with or furnished to the SEC by the registrant pursuant to Section 13 or Section 15(d) of the Securities Exchange Act of 1934 (the "Exchange Act") that are incorporated by reference in the registration statement, or is contained in a form of prospectus filed pursuant to Rule 424(b) that is part of the registration statement.

- (2) That, for the purpose of determining any liability under the Securities Act, each such post-effective amendment shall be deemed to be a new registration statement relating to the securities offered therein, and the offering of such securities at that time shall be deemed to be the initial bona fide offering thereof.

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- (3) To remove from registration by means of a post-effective amendment any of the securities being registered which remain unsold at the termination of the offering.
- (4) That, for the purpose of determining liability under the Securities Act to any purchaser:
  - (i) each prospectus filed by the registrant pursuant to Rule 424(b)(3) shall be deemed to be part of the registration statement as of the date the filed prospectus was deemed part of and included in the registration statement; and
  - (ii) each prospectus required to be filed pursuant to Rule 424(b)(2), (b)(5) or (b)(7) as part of a registration statement in reliance on Rule 430B relating to an offering made pursuant to Rule 415(a)(1)(i), (vii) or (x) for the purpose of providing the information required by Section 10(a) of the Securities Act shall be deemed to be part of and included in the registration statement as of the earlier of the date such form of prospectus is first used after effectiveness or the date of the first contract of sale of securities in the offering described in the prospectus. As provided in Rule 430B, for liability purposes of the issuer and any person that is at that date an underwriter, such date shall be deemed to be a new effective date of the registration statement relating to the securities in the registration statement to which the prospectus relates, and the offering of such securities at that time shall be deemed to be the initial bona fide offering thereof. *Provided, however*, that no statement made in a registration statement or prospectus that is part of the registration statement or made in a document incorporated or deemed incorporated by reference into the registration statement or prospectus that is part of the registration statement will, as to a purchaser with a time of contract of sale prior to such effective date, supersede or modify any statement that was made in the registration statement or prospectus that was part of the registration statement or made in any such document immediately prior to such effective date.
- (b) The undersigned registrant undertakes that, for purposes of determining any liability under the Securities Act, each filing of the registrant's annual report pursuant to Section 13(a) or Section 15(d) of the Exchange Act (and, where applicable, each filing of an employee benefit plan's annual report pursuant to Section 15(d) of the Exchange Act) that is incorporated by reference in the registration statement shall be deemed to be a new registration statement relating to the securities offered therein, and the offering of such securities at that time shall be deemed to be the initial bona fide offering thereof.
- (c) Insofar as indemnification for liabilities arising under the Securities Act may be permitted to directors, officers, and controlling persons of the registrant pursuant to the foregoing provisions, or otherwise, the registrant has been advised that in the opinion of the SEC such indemnification is against public policy as expressed in the Securities Act and is, therefore, unenforceable. In the event that a claim for indemnification against such liabilities (other than the payment by the registrant of expenses incurred or paid by a director, officer, or controlling person of the registrant in the successful defense of any action, suit, or proceeding) is asserted by such director, officer, or controlling person of the registrant in connection with the securities being registered, the registrant will, unless in the opinion of its counsel the matter has been settled by controlling precedent, submit to a court of appropriate jurisdiction the question whether such indemnification by it is against public policy as expressed in the Securities Act and will be governed by the final adjudication of such issue.

## SIGNATURES

Pursuant to the requirements of the Securities Act of 1933, as amended, the registrant certifies that it has reasonable grounds to believe that it meets all of the requirements for filing on Form S-3 and has duly caused this registration statement to be signed on its behalf by the undersigned, thereunto duly authorized, in the City of Fremont, State of California, on the 21st day of December, 2023.

### PERSONALIS, INC.

By: /s/ Christopher Hall  
Christopher Hall  
President and Chief Executive Officer

## POWER OF ATTORNEY

**KNOW ALL PERSONS BY THESE PRESENTS**, that each person whose signature appears below constitutes and appoints Christopher Hall and Aaron Tachibana, and each of them, as his or her true and lawful attorneys-in-fact and agents, each with the full power of substitution, for him or her and in his or her name, place or stead, in any and all capacities, to sign any and all amendments to this registration statement (including post-effective amendments), and all post-effective amendments thereto, and to file the same, with exhibits thereto and other documents in connection therewith, with the Securities and Exchange Commission, granting unto said attorneys-in-fact and agents, and each of them, full power and authority to do and perform each and every act and thing requisite and necessary to be done in and about the premises, as fully to all intents and purposes as she or he might or could do in person, hereby ratifying and confirming all that said attorneys-in-fact and agents, or their, his or her substitute or substitutes, may lawfully do or cause to be done by virtue hereof.

Pursuant to the requirements of the Securities Act of 1933, as amended, this registration statement has been signed by the following persons in the capacities and on the dates indicated.

<u>Signature</u>	<u>Title</u>	<u>Date</u>
<u>/s/ Christopher Hall</u> Christopher Hall	Chief Executive Officer and Director <i>(Principal Executive Officer)</i>	December 21, 2023
<u>/s/ Aaron Tachibana</u> Aaron Tachibana	Chief Financial Officer and Chief Operating Officer <i>(Principal Financial and Accounting Officer)</i>	December 21, 2023
<u>/s/ Karin Eastham</u> Karin Eastham	Chair of the Board of Directors	December 21, 2023
<u>/s/ Olivia Bloom</u> Olivia Bloom	Director	December 21, 2023
<u>/s/ A. Blaine Bowman</u> A. Blaine Bowman	Director	December 21, 2023
<u>/s/ Woodrow A. Myers, Jr.</u> Woodrow A. Myers, Jr., M.D.	Director	December 21, 2023

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<u>Signature</u>	<u>Title</u>	<u>Date</u>
<u>/s/ Lonnie Shoff</u> Lonnie Shoff	Director	December 21, 2023
<u>/s/ Kenneth Widder</u> Kenneth Widder, M.D.	Director	December 21, 2023



Laura Berezin  
+1 650 842 5128  
lberezin@cooley.com

December 21, 2023

Personalis, Inc.  
6600 Dumbarton Circle  
Fremont, CA 94555

Ladies and Gentlemen:

You have requested our opinion, as counsel to Personalis, Inc., a Delaware corporation (the “*Company*”), with respect to certain matters in connection with the filing of a Registration Statement on Form S-3 (the “*Registration Statement*”) with the Securities and Exchange Commission (the “*Commission*”) under the Securities Act of 1933, as amended (the “*Securities Act*”), and the prospectus included in the Registration Statement (the “*Prospectus*”) covering the resale of up to 9,218,800 shares (the “*Warrant Shares*”) of the Company’s common stock, par value \$0.0001 per share (“*Common Stock*”), issuable upon exercise of warrants to purchase Common Stock (collectively, the “*Warrants*”) issued by the Company pursuant to that certain Commercialization and Reference Laboratory Agreement, dated as of November 25, 2023, by and between the Company and Tempus AI, Inc. (formerly known as Tempus Labs, Inc.).

In connection with this opinion, we have examined and relied upon the Registration Statement, the Prospectus, the certificate of incorporation and bylaws of the Company, each as currently in effect, and such other documents, records, certificates, memoranda and other instruments as in our judgment are necessary or appropriate to enable us to render the opinion expressed below. We have assumed the genuineness of all signatures, the authenticity of all documents submitted to us as originals, the conformity to originals of all documents submitted to us as copies, the accuracy, completeness and authenticity of certificates of public officials, and the due authorization, execution and delivery of all documents by all persons other than the Company where authorization, execution and delivery are prerequisites to the effectiveness thereof. As to certain factual matters, we have relied upon a certificate of an officer of the Company and have not independently verified such matters.

With respect to the Warrant Shares, we express no opinion to the extent that future issuances of securities of the Company, antidilution adjustments to outstanding securities of the Company or other matters cause the Warrants to be exercisable for more shares of Common Stock than the number available for issuance by the Company. Further, we have assumed that the exercise prices of the Warrants will not be adjusted to an amount below the par value of the Common Stock.

Our opinion is expressed only with respect to the General Corporation Law of the State of Delaware. We express no opinion to the extent that any other laws are applicable to the subject matter hereof and express no opinion and provide no assurance as to compliance with any federal or state securities law, rule or regulation.

On the basis of the foregoing, and in reliance thereon, we are of the opinion that the Warrant Shares, when issued and paid for in accordance with the terms of the Warrants, will be validly issued, fully paid and nonassessable.

This opinion is limited to the matters expressly set forth in this letter, and no opinion should be implied, or may be inferred, beyond the matters expressly stated. This opinion speaks only as to law and facts in effect or existing as of the date hereof and we undertake no obligation or responsibility to update or supplement this letter to reflect any facts or circumstances that may hereafter come to our attention or any changes in law that may hereafter occur.

Cooley LLP 1700 Seventh Avenue Suite 1900 Seattle, WA 98101-1355  
t: +1 206 452 8700 f: +1 206 452 8800 cooley.com



December 21, 2023

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We consent to the reference to our firm under the heading “Legal Matters” in the Prospectus included in the Registration Statement and to the filing of this opinion as an exhibit to the Registration Statement. In giving such consent, we do not thereby admit that we are in the category of persons whose consent is required under Section 7 of the Securities Act or the rules and regulations of the Commission thereunder.

Very truly yours,

COOLEY LLP

By: /s/ Laura Berezin

Laura Berezin

Cooley LLP 1700 Seventh Avenue Suite 1900 Seattle, WA 98101-1355  
t: +1 206 452 8700 f: +1 206 452 8800 cooley.com

**CONSENT OF INDEPENDENT REGISTERED PUBLIC ACCOUNTING FIRM**

We consent to the incorporation by reference in this Registration Statement on Form S-3 of our report dated February 23, 2023, relating to the consolidated financial statements of Personalis, Inc. and subsidiaries (the “Company”) appearing in the Annual Report on Form 10-K of the Company for the year ended December 31, 2022. We also consent to the reference to us under the heading “Experts” in such Registration Statement.

*/s/ Deloitte & Touche LLP*

San Francisco, California  
December 21, 2023



**Calculation of Filing Fee Tables**

FORM S-3  
(Form Type)

**Personalis, Inc.**

(Exact Name of Registrant as Specified in its Charter)

Table 1: Newly Registered and Carry Forward Securities

	Security Type	Security Class Title	Fee Calculation or Carry Forward Rule	Amount Registered <sup>(1)</sup>	Proposed Maximum Offering Price Per Share <sup>(2)</sup>	Maximum Aggregate Offering Price <sup>(2)</sup>	Fee Rate	Amount of Registration Fee
Fees to Be Paid	Equity	Common Stock, par value \$0.0001 per share	457(c)	9,218,800	\$1.46	\$13,459,448.00	0.00014760	\$1,986.61

- (1) Consists of an aggregate of 9,218,800 shares of common stock of Personalis, Inc., all of which are issuable upon the exercise of warrants that were acquired by the selling stockholders in a private placement. Pursuant to Rule 416 under the Securities Act of 1933, as amended, the shares being registered hereunder include such indeterminate number of shares of common stock as may be issuable with respect to the shares being registered hereunder as a result of splits, dividends or similar transactions.
- (2) Pursuant to Rule 457(c), calculated on the basis of the average of the high and low prices per share of common stock of Personalis, Inc. reported on the Nasdaq Global Market on December 15, 2023.